



 **WATER**

 **GAS**

 **IRRIGATION**



06.2024

 **SAB**  
cherish your water  
 **SYSTEM GROUP**

## CHERISH YOUR WATER MANIFESTO

Ci prendiamo cura dell'acqua. Con il nostro manifesto vogliamo stabilire valori, processi e soluzioni concrete per promuovere un uso efficiente e consapevole dell'acqua.

We cherish your water. With this notice we want to establish values, processes and concrete solutions to promote an educated and efficient use of water.

1

### L'acqua è vita

Water is life

2

### L'acqua è una risorsa scarsa

Water is a scarce resource

3

### Promuoviamo l'uso consapevole dell'acqua

We promote a conscious use of water

4

### Cerchiamo di rendere l'acqua accessibile per abbattere le disuguaglianze

We try to make water more accessible in order to reduce inequalities

5

### Etica aziendale e trasparenza

Corporate ethics and transparency

6

### Ricerca e sviluppo di nuovi prodotti

Research and development of new products

7

### Scelta e lavorazione delle materie prime

Raw materials choice and processing

8

### Tecniche di produzione

Production techniques

9

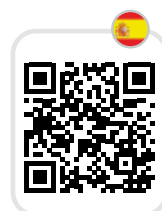
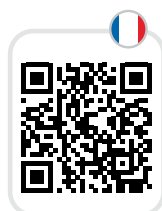
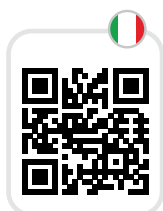
### Vendite, servizi e customer care

Sales, service and customer care

10

### Servizi e responsabilità sociale

Social responsibility services



## CHI SIAMO | WHO WE ARE

Lavoriamo per sviluppare prodotti performanti, affidabili e semplici da usare, che possano contribuire a rendere più semplice il lavoro degli installatori e degli agricoltori. Siamo presenti con la nostra ampia gamma in tre settori: **irrigazione, acqua & gas, drenaggio**.

We work to develop high-performance and simple-to-use products that can help make the work of installers and farmers easier. We are active in three sectors: **irrigation, water and gas, and drainage**.



### INNOVAZIONE INNOVATION

**68%** del fatturato proviene da **prodotti lanciati o rinnovati** negli ultimi 5 anni  
**68%** of our turnover comes from **products launched or renovated** in the last 5 years



### QUALITÀ QUALITY

**13 certificati** internazionali e **severi test di laboratorio**  
**13 international certificates** and **strict laboratory tests**



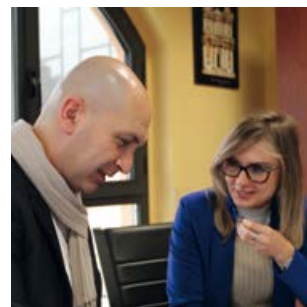
### AFFIDABILITÀ RELIABILITY

**72% del fatturato** viene realizzato con **clienti fedeli da oltre 10 anni**  
**72% of our turnover** has been achieved with **customers loyal for over 10 years**



### SOSTENIBILITÀ SUSTAINABILITY

**Certificazione Internazionale Ecovadis** medaglia d'argento  
**Ecovadis international** certification - silver medal





# SYSTEM GROUP

tubi.net



System Group è uno dei principali gruppi italiani ed europei nella fornitura di soluzioni per la costruzione di reti interrate per il convogliamento di fluidi e protezione cavi mediante tubi, raccordi e componenti in PE, PP e PVC. Il gruppo nasce nell'entroterra pesarese dall'idea dell'imprenditore Alvaro Boscarini che nel 1979 fonda Centraletubi. System Group ha una struttura capillare e integrata e supporta i suoi clienti nella progettazione, consulenza e nella fornitura di soluzioni tecniche innovative.



System Group is one of the leading Italian and European groups in the supply of solutions for underground networks involving fluids and cable protection by means of pipes, fittings and components in PE, PP and PVC. It was created in a small town inland of Pesaro (ITALY) as a result of an idea by entrepreneur Alvaro Boscarini who, in 1979, had founded Centraletubi. Having a diffuse and integrated structure, System Group supports its customers in the design, consultancy and supply of innovative technical solutions.



## Codice Etico e Bilancio di Sostenibilità System Group

Tutte le Aziende di System Group seguono i principi e le indicazioni, soprattutto per quanto riguarda i valori etici e morali nella conduzione del business, sanciti nel Codice Etico di Gruppo.

System Group ha presentato il Bilancio di Sostenibilità, che riunisce, a livello di principi generali, tutte le Aziende del Gruppo, e che prevede, per alcune di esse, la redazione del Bilancio secondo i GRI Standard 2021, certificato da ente terzo accreditato, per rendicontare agli stakeholders i propri impatti economici, ambientali e sociali (ESG) e definire le proprie strategie sulla sostenibilità d'impresa.

## System Group Code of Ethics and Sustainability Report

All System Group companies follow the principles and guidelines, especially with regard to ethical and moral values in the conduct of business, enshrined in the Group's Code of Ethics.

System Group has presented the Sustainability Report, which brings together, at the level of general principles, all the Companies of the Group, and which envisages, for some of them, the preparation of the Report according to GRI Standard 2021, certified by an accredited third party, in order to report to the stakeholders on their economic, environmental and social (ESG) impacts and to define their strategies on corporate sustainability.



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## QUALITY



CERTIFICATO IT/04/1066

## APPROVALS



## INDEX

|                                                                                     |                                                                                                                                                          |    |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|----|
|    | <b>Blueseal16 Raccordi a compressione</b><br>Compression fittings / Raccords à compression<br>Accesorios compresión                                      | 06 |
|    | <b>Perla Raccordi a compressione</b><br>Compression fittings / Raccords à compression<br>Accesorios compresión                                           | 18 |
|    | <b>S-Saddle Prese a staffa</b><br>Clamp saddles / Colliers de prise / Collarines de toma                                                                 | 24 |
|    | <b>Plug&amp;Play® Raccordi push-fit</b><br>Push-fit fittings / Raccords push-fit / Accesorios push-fit                                                   | 30 |
|    | <b>Sabfuse Raccordi in PE100</b><br>PE100 fittings / Raccords en PE100 / Accesorios en PE100                                                             | 34 |
|    | <b>Collari di riparazione</b><br>Repair saddles / Colliers de réparation / Collarines de reparación                                                      | 48 |
|    | <b>Ala gocciolante leggera</b><br>Drip line with flat emitter / Tube goutte à goutte<br>Cinta de goteo con gotero plano                                  | 52 |
|   | <b>Manichette gocciolanti</b><br>Drip irrigation tape / Gaine goutte à goutte<br>Cinta de goteo                                                          | 54 |
|  | <b>Rioflex - tubo LayFlat in PE e raccordi</b><br>PE LayFlat hose and fittings<br>Tuyau LayFlat en PE et raccords<br>Manguera plana en PE y accesorios   | 56 |
|  | <b>Tubo LayFlat in PVC e raccordi LayFit</b><br>PVC LayFlat hose and fittings / Tuyau LayFlat en PVC et raccords<br>Manguera LayFlat en PVC y accesorios | 59 |
|  | <b>Valvole</b><br>Valves / Vannes / Válvulas                                                                                                             | 62 |
|  | <b>Raccordi per irrigazione</b><br>Irrigation fittings / Raccords pour l'irrigation<br>Accesorios micro riego                                            | 67 |
|  | <b>Gocciolatori e spruzzatori</b><br>Drippers and sprinklers / Goutteurs et asperseurs<br>Goteros y aspersores                                           | 72 |
|  | <b>Iniettori Venturi e Ala gocciolante</b><br>Venturi injector and dripline<br>Injecteurs Venturi et tube GR<br>Injectores Venturi y ala goteadora       | 74 |
|  | <b>Filtri</b><br>Filters / Filtres / Filtros                                                                                                             | 75 |
|  | <b>Pozzetti</b><br>Valve boxes / Regards / Arquetas                                                                                                      | 76 |
|  | <b>Grab Grigliati per prato</b><br>Grass saver / Dalles gazon / Rejillas para césped                                                                     | 78 |
|  | <b>Canyon Embrici per canali di scolo</b><br>Water run-off channels / Descent deau / Alcantarillas                                                       | 78 |

# Blueseal 16

## Raccordi a compressione

Compression fittings  
Raccords à compression  
Accesorios compresión



### VANTAGGI

Facilità di inserimento del tubo  
Maggiore tenuta  
Rapidità di montaggio

### ADVANTAGES

Easy pipe insertion  
Higher water tightness  
Quick assembly

### AVANTAGES

Facilité d'insertion du tuyau  
Super étanchéité  
Rapidité de montage

### VENTAJAS

Facilidad de inserción del tubo  
Mayor hermeticidad  
Montaje rápido



#### Ghiera

Nut / Ecrou / Tuerca  
[PP]

#### Anello di aggraffaggio

Grip ring / Bague d'agrafage  
Cono de fijación  
[POM]

#### Anello Blue Seal

Spacer ring / Douille de poussée  
Anillo prensa junta  
[PP]

#### Guarnizione Blue Seal

Gasket / Joint / Junta  
[NBR 70sh A]

#### Corpo

Body / Corp / Cuerpo  
[PP]

#### Disponibile con filetti NPT

NPT threads available  
Disponible avec filetages NPT  
Disponible con roscas NPT



#### Acqua potabile

Potable water  
Eau potable  
Agua potable

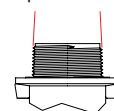


#### Normative

Standards / Normes / Normas

UNI9561 / AS/NZS4129 / BRL-K 17105  
DVGW GW 335-B3 / ISO17885 / UNI EN 10226-1 (ISO 7/1)

Male threads  
tapered 1:16



ISO 7/1 Conical

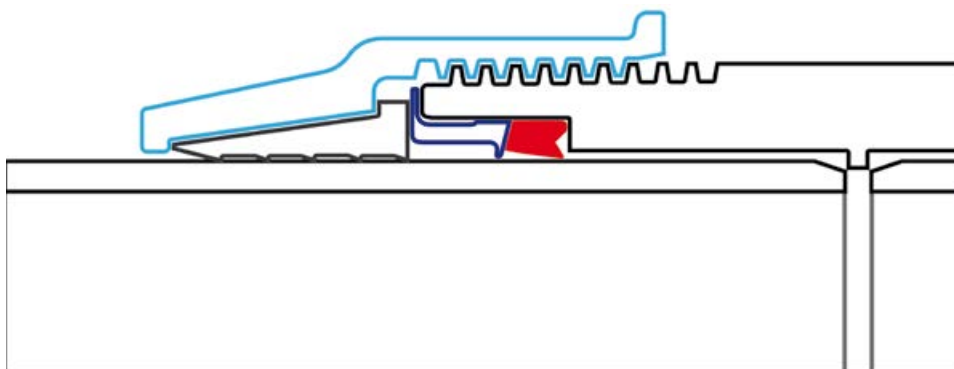
Female threads



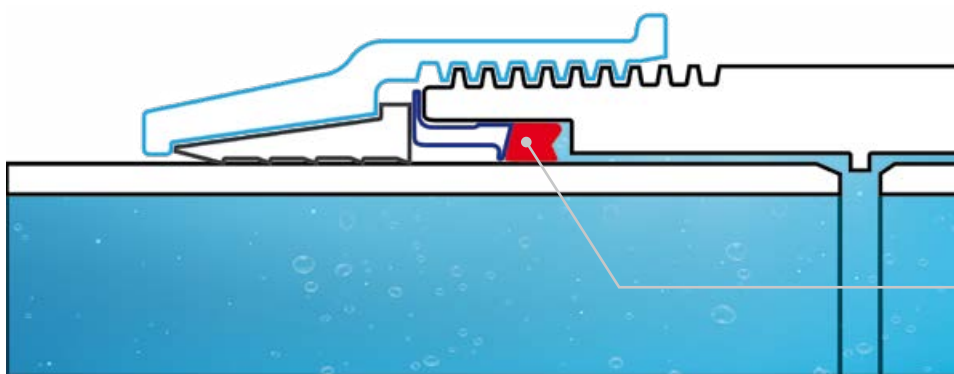
ISO 7/1 Parallel



# Blueseal 16



Posizione di riposo / Rest position / Position de repos / Posición de reposo



Sistema Blue Seal in pressione / Pressurized Blue Seal system  
Système Blue Seal sous pression / Sistema Blue Seal con presión



**Slide  
Effect**

Il raccordo a compressione SAB è disponibile nelle seguenti versioni:

SAB compression fitting is available in the following versions:

Le raccord à compression SAB est disponible dans les versions suivantes:

La conexión de compresión SAB está disponible en las siguientes versiones:

**Blue Nut  
Blueseal**

Code: **B 105 032 000 A**



**Black Nut  
Blueseal**

Code: **B 105 032 000 B**



**Blue Nut  
O-ring**

Code: **o 105 032 000 A**



**Black Nut  
O-ring**

Code: **o 105 032 000 B**



### T a 90° ridotto

90° reducing tee  
Té à 90° réduit  
T a 90° reducido



| CODE: B075  | PN | Ø x Ø x Ø      | PACK        |
|-------------|----|----------------|-------------|
| B075020016A | 16 | 20 x 16 x 20   | 80 B - 20 P |
| B075025020A | 16 | 25 x 20 x 25   | 60 B - 10 P |
| B075032025A | 16 | 32 x 25 x 32   | 40 B - 10 P |
| B075040032A | 16 | 40 x 32 x 40   | 21 B        |
| B075050032A | 16 | 50 x 32 x 50   | 14 B        |
| B075050040A | 16 | 50 x 40 x 50   | 14 B        |
| B075063025A | 16 | 63 x 25 x 63   | 8 B         |
| B075063032A | 16 | 63 x 32 x 63   | 8 B         |
| B075063050A | 16 | 63 x 50 x 63   | 8 B         |
| B075075063A | 16 | 75 x 63 x 75   | 4 B         |
| B075090075A | 10 | 90 x 75 x 90   | 5 A         |
| B075110063A | 10 | 110 x 63 x 110 | 4 A         |
| B075110090A | 10 | 110 x 90 x 110 | 4 A         |

### T a 90°

90° tee  
Té à 90°  
T a 90°



| CODE: B080  | PN | Ø x Ø x Ø       | PACK         |
|-------------|----|-----------------|--------------|
| B080016016A | 16 | 16 x 16 x 16    | 150 B - 30 P |
| B080020020A | 16 | 20 x 20 x 20    | 80 B - 20 P  |
| B080025025A | 16 | 25 x 25 x 25    | 60 B - 10 P  |
| B080032032A | 16 | 32 x 32 x 32    | 30 B - 10 P  |
| B080040040A | 16 | 40 x 40 x 40    | 20 B         |
| B080050050A | 16 | 50 x 50 x 50    | 12 B         |
| B080063063A | 16 | 63 x 63 x 63    | 8 B          |
| B080075075A | 10 | 75 x 75 x 75    | 4 B          |
| B080090090A | 10 | 90 x 90 x 90    | 5 A          |
| B080110110A | 10 | 110 x 110 x 110 | 4 A          |

### T a 90° filettato femmina

90° female tee  
Té à 90° taraudée  
T a 90° hembra



| CODE: B085  | PN | Ø x D" x Ø      | PACK         |
|-------------|----|-----------------|--------------|
| B08501600BA | 16 | 16 x 1/2" x 16  | 180 B - 30 P |
| B08501600CA | 16 | 16 x 3/4" x 16  | 180 B - 30 P |
| B08502000BA | 16 | 20 x 1/2" x 20  | 100 B - 20 P |
| B08502000CA | 16 | 20 x 3/4" x 20  | 100 B - 20 P |
| B08502500BA | 16 | 25 x 1/2" x 25  | 80 B - 10 P  |
| B08502500CA | 16 | 25 x 3/4" x 25  | 80 B - 10 P  |
| B08502500DA | 16 | 25 x 1" x 25    | 80 B - 10 P  |
| B08503200BA | 16 | 32 x 1/2" x 32  | 50 B - 10 P  |
| B08503200CA | 16 | 32 x 3/4" x 32  | 50 B - 10 P  |
| B08503200DA | 16 | 32 x 1" x 32    | 50 B - 10 P  |
| B08503200EA | 16 | 32 x 1"1/4 x 32 | 40 B - 10 P  |
| B08504000DA | 16 | 40 x 1" x 40    | 28 B         |
| B08504000EA | 16 | 40 x 1"1/4 x 40 | 28 B         |
| B08504000FA | 16 | 40 x 1"1/2 x 40 | 25 B         |
| B08505000EA | 16 | 50 x 1"1/4 x 50 | 18 B         |
| B08505000FA | 16 | 50 x 1"1/2 x 50 | 18 B         |
| B08505000GA | 16 | 50 x 2" x 50    | 15 B         |
| B08506300FA | 16 | 63 x 1"1/2 x 63 | 10 B         |
| B08506300GA | 16 | 63 x 2" x 63    | 10 B         |
| B08506300IA | 10 | 63 x 2"1/2 x 63 | 10 B         |
| B08507500GA | 10 | 75 x 2" x 75    | 6 B          |
| B08507500IA | 10 | 75 x 2"1/2 x 75 | 6 B          |
| B08507500LA | 10 | 75 x 3" x 75    | 4 B          |
| B08509000IA | 10 | 90 x 2"1/2 x 90 | 3 B          |
| B08509000LA | 10 | 90 x 3" x 90    | 3 B          |
| B08511000LA | 10 | 110 x 3" x 110  | 6 A          |
| B08511000MA | 10 | 110 x 4" x 110  | 6 A          |

### T a 90° filettato maschio

90° male tee  
Té à 90° fileté male  
T a 90° macho



| CODE: B090  | PN | Ø x D" x Ø      | PACK         |
|-------------|----|-----------------|--------------|
| B09001600BA | 16 | 16 x 1/2" x 16  | 210 B - 30 P |
| B09001600CA | 16 | 16 x 3/4" x 16  | 180 B - 30 P |
| B09002000BA | 16 | 20 x 1/2" x 20  | 100 B - 20 P |
| B09002000CA | 16 | 20 x 3/4" x 20  | 100 B - 20 P |
| B09002500BA | 16 | 25 x 1/2" x 25  | 80 B - 10 P  |
| B09002500CA | 16 | 25 x 3/4" x 25  | 80 B - 10 P  |
| B09002500DA | 16 | 25 x 1" x 25    | 70 B - 10 P  |
| B09003200BA | 16 | 32 x 1/2" x 32  | 50 B - 10 P  |
| B09003200CA | 16 | 32 x 3/4" x 32  | 50 B - 10 P  |
| B09003200DA | 16 | 32 x 1" x 32    | 50 B - 10 P  |
| B09003200EA | 16 | 32 x 1"1/4 x 32 | 40 B - 10 P  |
| B09004000DA | 16 | 40 x 1" x 40    | 28 B         |
| B09004000EA | 16 | 40 x 1"1/4 x 40 | 28 B         |
| B09004000FA | 16 | 40 x 1"1/2 x 40 | 25 B         |
| B09005000EA | 16 | 50 x 1"1/4 x 50 | 18 B         |
| B09005000FA | 16 | 50 x 1"1/2 x 50 | 18 B         |
| B09005000GA | 16 | 50 x 2" x 50    | 15 B         |
| B09006300FA | 16 | 63 x 1"1/2 x 63 | 10 B         |
| B09006300GA | 16 | 63 x 2" x 63    | 10 B         |
| B09006300IA | 16 | 63 x 2"1/2 x 63 | 10 B         |
| B09007500IA | 10 | 75 x 2"1/2 x 75 | 6 B          |
| B09007500LA | 10 | 75 x 3" x 75    | 4 B          |
| B09009000LA | 10 | 90 x 3" x 90    | 7 A          |
| B09011000MA | 10 | 110 x 4" x 110  | 5 A          |

Stainless steel reinforcing ring from 1"½ to 4".

## T a 90° maggiorata

90° enlarging tee  
Tè à 90° augmentée  
Te ampliada 90°



| CODE: B076/078 | PN | Ø x Ø x Ø    | PACK        |
|----------------|----|--------------|-------------|
| B076020025A    | 16 | 20 x 25 x 20 | 60 B - 10 P |
| B076025032A    | 16 | 25 x 32 x 25 | 40 B - 10 P |
| B078020032A    | 16 | 20 x 20 x 32 | 60 B - 10 P |

## Giunto victaulic

Shouldered adaptor  
Joint victaulic  
Enlace victaulic



| CODE: B134  | PN | Ø x D"  | PACK |
|-------------|----|---------|------|
| B13405000GA | 16 | 50 x 2" | 35 B |
| B13406300GA | 16 | 63 x 2" | 20 B |
| B13411000MA | 16 | 110 x 4 | 6 B  |

## Raccordo femmina

Female adaptor  
Raccord taraudé  
Empalme hembra



| CODE: B100  | PN | Ø x D"      | PACK         |
|-------------|----|-------------|--------------|
| B10001600BA | 16 | 16 x 1/2"   | 360 B - 30 P |
| B10001600CA | 16 | 16 x 3/4"   | 360 B - 30 P |
| B10002000BA | 16 | 20 x 1/2"   | 280 B - 20 P |
| B10002000CA | 16 | 20 x 3/4"   | 240 B - 20 P |
| B10002500BA | 16 | 25 x 1/2"   | 200 B - 10 P |
| B10002500CA | 16 | 25 x 3/4"   | 200 B - 10 P |
| B10002500DA | 16 | 25 x 1"     | 180 B - 10 P |
| B10003200BA | 16 | 32 x 1/2"   | 120 B - 10 P |
| B10003200CA | 16 | 32 x 3/4"   | 120 B - 10 P |
| B10003200DA | 16 | 32 x 1"     | 120 B - 10 P |
| B10003200EA | 16 | 32 x 1 1/4" | 100 B - 10 P |
| B10004000DA | 16 | 40 x 1"     | 60 B         |
| B10004000EA | 16 | 40 x 1 1/4" | 60 B         |
| B10004000FA | 16 | 40 x 1 1/2" | 50 B         |
| B10005000EA | 16 | 50 x 1 1/4" | 35 B         |
| B10005000FA | 16 | 50 x 1 1/2" | 35 B         |
| B10005000GA | 16 | 50 x 2"     | 35 B         |
| B10006300FA | 16 | 63 x 1 1/2" | 24 B         |
| B10006300GA | 16 | 63 x 2"     | 24 B         |
| B10006300IA | 16 | 63 x 2 1/2" | 20 B         |
| B10007500GA | 10 | 75 x 2"     | 15 B         |
| B10007500IA | 10 | 75 x 2 1/2" | 15 B         |
| B10007500LA | 10 | 75 x 3"     | 12 B         |
| B10009000GA | 10 | 90 x 2"     | 8 B          |
| B10009000IA | 10 | 90 x 2 1/2" | 8 B          |
| B10009000LA | 10 | 90 x 3"     | 8 B          |
| B10009000MA | 10 | 90 x 4"     | 8 B          |
| B10011000GA | 10 | 110 x 2"    | 6 B          |
| B10011000LA | 10 | 110 x 3"    | 6 B          |
| B10011000MA | 10 | 110 x 4"    | 6 B          |

Stainless steel reinforcing ring from 1 1/2" to 4".

## Raccordo flangiato

Flanged adaptor  
Joint à bride  
Enlace rebordeado



| CODE: B135  | PN | Ø x D"              | PACK |
|-------------|----|---------------------|------|
| B13504000FA | 16 | 40 x 1 1/2" (DN 40) | 24 B |
| B13505000FA | 16 | 50 x 1 1/2" (DN 40) | 20 B |
| B13505000GA | 16 | 50 x 2" (DN 50)     | 15 B |
| B13506300GA | 16 | 63 x 2" (DN 50)     | 15 B |
| B13507500IA | 16 | 75 x 2 1/2" (DN 65) | 8 B  |
| B13507500LA | 16 | 75 x 3" (DN 80)     | 8 B  |
| B13509000LA | 16 | 90 x 3" (DN 80)     | 5 B  |
| B13509000MA | 16 | 90 x 4" (DN 100)    | 5 B  |
| B13511000MA | 16 | 110 x 4" (DN 100)   | 3 B  |

## Raccordo maschio

Male adaptor  
Raccord fileté male  
Empalme macho



| CODE: B095  | PN | Ø x D"      | PACK         |
|-------------|----|-------------|--------------|
| B09501600BA | 16 | 16 x 1/2"   | 450 B - 30 P |
| B09501600CA | 16 | 16 x 3/4"   | 360 B - 30 P |
| B09502000BA | 16 | 20 x 1/2"   | 280 B - 20 P |
| B09502000CA | 16 | 20 x 3/4"   | 280 B - 20 P |
| B09502000DA | 16 | 20 x 1"     | 280 B - 20 P |
| B09502500BA | 16 | 25 x 1/2"   | 200 B - 10 P |
| B09502500CA | 16 | 25 x 3/4"   | 200 B - 10 P |
| B09502500DA | 16 | 25 x 1"     | 200 B - 10 P |
| B09503200BA | 16 | 32 x 1/2"   | 120 B - 10 P |
| B09503200CA | 16 | 32 x 3/4"   | 120 B - 10 P |
| B09503200DA | 16 | 32 x 1"     | 120 B - 10 P |
| B09503200EA | 16 | 32 x 1 1/4" | 100 B - 10 P |
| B09503200FA | 16 | 32 x 1 1/2" | 100 B - 10 P |
| B09504000DA | 16 | 40 x 1"     | 60 B         |
| B09504000EA | 16 | 40 x 1 1/4" | 60 B         |
| B09504000FA | 16 | 40 x 1 1/2" | 55 B         |
| B09504000GA | 16 | 40 x 2"     | 50 B         |
| B09505000DA | 16 | 50 x 1"     | 35 B         |
| B09505000EA | 16 | 50 x 1 1/4" | 35 B         |
| B09505000FA | 16 | 50 x 1 1/2" | 35 B         |
| B09505000GA | 16 | 50 x 2"     | 35 B         |
| B09506300EA | 16 | 63 x 1 1/4" | 24 B         |
| B09506300FA | 16 | 63 x 1 1/2" | 24 B         |
| B09506300GA | 16 | 63 x 2"     | 24 B         |
| B09506300IA | 16 | 63 x 2 1/2" | 20 B         |
| B09507500GA | 16 | 75 x 2"     | 15 B         |
| B09507500IA | 16 | 75 x 2 1/2" | 15 B         |
| B09507500LA | 16 | 75 x 3"     | 12 B         |
| B09509000GA | 16 | 90 x 2"     | 8 B          |
| B09509000IA | 16 | 90 x 2 1/2" | 8 B          |
| B09509000LA | 16 | 90 x 3"     | 8 B          |
| B09509000MA | 16 | 90 x 4"     | 8 B          |
| B09511000GA | 16 | 110 x 2"    | 6 B          |
| B09511000LA | 16 | 110 x 3"    | 6 B          |
| B09511000MA | 16 | 110 x 4"    | 6 B          |

## Manicotto

Coupling  
Manchon  
Manguito



| CODE: B105  | PN | Ø   | PACK         |
|-------------|----|-----|--------------|
| B105016000A | 16 | 16  | 300 B - 30 P |
| B105020000A | 16 | 20  | 160 B - 20 P |
| B105025000A | 16 | 25  | 100 B - 10 P |
| B105032000A | 16 | 32  | 60 B - 10 P  |
| B105040000A | 16 | 40  | 40 B         |
| B105050000A | 16 | 50  | 25 B         |
| B105063000A | 16 | 63  | 15 B         |
| B105075000A | 16 | 75  | 8 B          |
| B105090000A | 16 | 90  | 5 B          |
| B105110000A | 16 | 110 | 3 B          |

## Manicotto ridotto

Reducing coupling  
Manchon réduit  
Manguito reducido



| CODE: B110  | PN | Ø x Ø    | PACK         |
|-------------|----|----------|--------------|
| B110020016A | 16 | 20 x 16  | 180 B - 20 P |
| B110025016A | 16 | 25 x 16  | 120 B - 10 P |
| B110025020A | 16 | 25 x 20  | 120 B - 10 P |
| B110032020A | 16 | 32 x 20  | 80 B - 10 P  |
| B110032025A | 16 | 32 x 25  | 80 B - 10 P  |
| B110040025A | 16 | 40 x 25  | 45 B         |
| B110040032A | 16 | 40 x 32  | 40 B         |
| B110050025A | 16 | 50 x 25  | 30 B         |
| B110050032A | 16 | 50 x 32  | 30 B         |
| B110050040A | 16 | 50 x 40  | 30 B         |
| B110063025A | 16 | 63 x 25  | 20 B         |
| B110063032A | 16 | 63 x 32  | 20 B         |
| B110063040A | 16 | 63 x 40  | 15 B         |
| B110063050A | 16 | 63 x 50  | 15 B         |
| B110075050A | 16 | 75 x 50  | 12 B         |
| B110075063A | 16 | 75 x 63  | 8 B          |
| B110090063A | 16 | 90 x 63  | 6 B          |
| B110090075A | 16 | 90 x 75  | 6 B          |
| B110110063A | 16 | 110 x 63 | 4 B          |
| B110110075A | 16 | 110 x 75 | 4 B          |
| B110110090A | 16 | 110 x 90 | 3 B          |

## Pipe Liner

Pipe Liner  
Pipe Liner  
Pipe Liner



| CODE: 7729 | SDR | Ø  | PACK |
|------------|-----|----|------|
| 772900020  | 11  | 20 | 1000 |
| 772900025  | 11  | 25 | 500  |
| 772900032  | 11  | 32 | 300  |
| 772900040  | 11  | 40 | 150  |
| 772900050  | 11  | 50 | 80   |
| 772900063  | 11  | 63 | 40   |

## Manicotto di riparazione senza battuta interna

Repair coupling without center lip  
Manchon de réparation sans butée centrale  
Manguito de reparación sin centro interno



| CODE: B106  | PN | Ø   | PACK         |
|-------------|----|-----|--------------|
| -           | -  | -   | -            |
| B106020000A | 16 | 20  | 160 B - 20 P |
| B106025000A | 16 | 25  | 100 B - 10 P |
| B106032000A | 16 | 32  | 60 B - 10 P  |
| B106040000A | 16 | 40  | 40 B         |
| B106050000A | 16 | 50  | 25 B         |
| B106063000A | 16 | 63  | 15 B         |
| B106075000A | 16 | 75  | 8 B          |
| B106090000A | 16 | 90  | 5 B          |
| B106110000A | 16 | 110 | 3 B          |

## Tappo

Plug  
Bouchon  
Tapón



| CODE: B115  | PN | Ø   | PACK         |
|-------------|----|-----|--------------|
| B115016000A | 16 | 16  | 450 B - 30 P |
| B115020000A | 16 | 20  | 280 B - 20 P |
| B115025000A | 16 | 25  | 200 B - 10 P |
| B115032000A | 16 | 32  | 120 B - 10 P |
| B115040000A | 16 | 40  | 60 B         |
| B115050000A | 16 | 50  | 40 B         |
| B115063000A | 16 | 63  | 24 B         |
| B115075000A | 16 | 75  | 15 B         |
| B115090000A | 16 | 90  | 9 B          |
| B115110000A | 16 | 110 | 6 B          |

## Raccordo femmina con ghiera folle

Swivel nut female adaptor  
Raccord avec écrou libre taraudé  
Empalme con tuerca libre hembra



| CODE: B101  | PN | Ø x D"  | PACK         |
|-------------|----|---------|--------------|
| B10102500DA | 16 | 25 x 1" | 160 B x 10 P |
| B10103200DA | 16 | 32 x 1" | 110 B x 10 P |

## Valvola Stop Cock

Compression stop cock valve  
Robinet à soupape droite  
Valvula de línea compresión



| CODE: B1001  | PN | Ø  | PACK |
|--------------|----|----|------|
| B1001020000A | 10 | 20 | 60   |
| B1001025000A | 10 | 25 | 40   |
| B1001032000A | 10 | 32 | 30   |



### Gomito a 90°

90° elbow  
Coude à 90°  
Codo a 90°



| CODE: B120  | PN | Ø   | PACK         |
|-------------|----|-----|--------------|
| B120016000A | 16 | 16  | 240 B - 30 P |
| B120020000A | 16 | 20  | 120 B - 20 P |
| B120025000A | 16 | 25  | 100 B - 10 P |
| B120032000A | 16 | 32  | 60 B - 10 P  |
| B120040000A | 16 | 40  | 30 B         |
| B120050000A | 16 | 50  | 20 B         |
| B120063000A | 16 | 63  | 12 B         |
| B120075000A | 16 | 75  | 6 B          |
| B120090000A | 16 | 90  | 3 B          |
| B120110000A | 16 | 110 | 6 A          |

### Gomito a 90° ridotto

90° reducing elbow  
Coude à 90° réduit  
Codo 90° reducido



| CODE: B129  | PN | Ø x Ø   | PACK         |
|-------------|----|---------|--------------|
| B129025020A | 16 | 25 x 20 | 100 B - 10 P |
| B129032025A | 16 | 32 x 25 | 60 B - 10 P  |

### Gomito a 90° filettato femmina

90° female elbow  
Coude à 90° taraudé  
Codo a 90° hembra



| CODE: B125  | PN | Ø x D"     | PACK         |
|-------------|----|------------|--------------|
| B12501600BA | 16 | 16 x 1/2"  | 300 B - 30 P |
| B12501600CA | 16 | 16 x 3/4"  | 300 B - 30 P |
| B12502000BA | 16 | 20 x 1/2"  | 200 B - 20 P |
| B12502000CA | 16 | 20 x 3/4"  | 200 B - 20 P |
| B12502500BA | 16 | 25 x 1/2"  | 150 B - 10 P |
| B12502500CA | 16 | 25 x 3/4"  | 150 B - 10 P |
| B12502500DA | 16 | 25 x 1"    | 130 B - 10 P |
| B12503200BA | 16 | 32 x 1/2"  | 90 B - 10 P  |
| B12503200CA | 16 | 32 x 3/4"  | 90 B - 10 P  |
| B12503200DA | 16 | 32 x 1"    | 90 B - 10 P  |
| B12503200EA | 16 | 32 x 1"1/4 | 80 B - 10 P  |
| B12504000DA | 16 | 40 x 1"    | 45 B         |
| B12504000EA | 16 | 40 x 1"1/4 | 45 B         |
| B12504000FA | 16 | 40 x 1"1/2 | 40 B         |
| B12505000EA | 16 | 50 x 1"1/4 | 30 B         |
| B12505000FA | 16 | 50 x 1"1/2 | 30 B         |
| B12505000GA | 16 | 50 x 2"    | 25 B         |
| B12506300FA | 16 | 63 x 1"1/2 | 17 B         |
| B12506300GA | 16 | 63 x 2"    | 17 B         |
| B12506300IA | 10 | 63 x 2"1/2 | 15 B         |
| B12507500IA | 10 | 75 x 2"1/2 | 10 B         |
| B12507500LA | 10 | 75 x 3"    | 10 B         |
| B12509000LA | 10 | 90 x 3"    | 5 B          |
| B12509000MA | 10 | 90 x 4"    | 4 B          |
| B12511000MA | 10 | 110 x 4"   | 3 B          |

Stainless steel reinforcing ring from 1"½ to 4".

### Gomito con filetto femmina laterale

Grass elbow  
Coude avec sortie laterale taraudé  
Codo con derivación lateral hembra



| CODE: B128  | PN | Ø x D"    | PACK         |
|-------------|----|-----------|--------------|
| B12802500BA | 16 | 25 x 1/2" | 280 B - 10 P |
| B12803200BA | 16 | 32 x 1/2" | 200 B - 10 P |
| B12803200CA | 16 | 32 x 3/4" | 100 B - 10 P |

### Gomito a muro

Wall plate elbow  
Coude applique murale  
Codo reforzado de pared



| CODE: B127             | PN | Ø x D"    | PACK         |
|------------------------|----|-----------|--------------|
| B12702000BA            | 16 | 20 x 1/2" | 200 B - 20 P |
| B12702500BA            | 16 | 25 x 1/2" | 100 B - 10 P |
| B12702500CA            | 16 | 25 x 3/4" | 100 B - 10 P |
| <b>NEW</b> B12703200DA | 16 | 32 x 1"   | 60 B - 10 P  |

### Gomito a 90° filettato maschio

90° male elbow  
Coude à 90° fileté male  
Codo a 90° macho



| CODE: B130  | PN | Ø x D"     | PACK         |
|-------------|----|------------|--------------|
| B13001600BA | 16 | 16 x 1/2"  | 360 B - 30 P |
| B13001600CA | 16 | 16 x 3/4"  | 360 B - 30 P |
| B13002000BA | 16 | 20 x 1/2"  | 200 B - 20 P |
| B13002000CA | 16 | 20 x 3/4"  | 200 B - 20 P |
| B13002500BA | 16 | 25 x 1/2"  | 150 B - 10 P |
| B13002500CA | 16 | 25 x 3/4"  | 150 B - 10 P |
| B13002500DA | 16 | 25 x 1"    | 130 B - 10 P |
| B13003200BA | 16 | 32 x 1/2"  | 90 B - 10 P  |
| B13003200CA | 16 | 32 x 3/4"  | 90 B - 10 P  |
| B13003200DA | 16 | 32 x 1"    | 90 B - 10 P  |
| B13003200EA | 16 | 32 x 1"1/4 | 80 B - 10 P  |
| B13004000DA | 16 | 40 x 1"    | 45 B         |
| B13004000EA | 16 | 40 x 1"1/4 | 45 B         |
| B13004000FA | 16 | 40 x 1"1/2 | 40 B         |
| B13005000EA | 16 | 50 x 1"1/4 | 30 B         |
| B13005000FA | 16 | 50 x 1"1/2 | 30 B         |
| B13005000GA | 16 | 50 x 2"    | 25 B         |
| B13006300FA | 16 | 63 x 1"1/2 | 17 B         |
| B13006300GA | 16 | 63 x 2"    | 17 B         |
| B13006300IA | 16 | 63 x 2"1/2 | 15 B         |
| B13007500IA | 16 | 75 x 2"1/2 | 10 B         |
| B13007500LA | 16 | 75 x 3"    | 10 B         |
| B13009000LA | 16 | 90 x 3"    | 5 B          |
| B13009000MA | 16 | 90 x 4"    | 5 B          |
| B13011000MA | 16 | 110 x 4"   | 3 B          |

## Raccordo maschio con inserto in ottone

Male adaptor with brass insert

Raccord avec insert en laiton fileté male

Empalme con injerto de latón macho



| CODE: B050  | PN | Ø x D"      | PACK       |
|-------------|----|-------------|------------|
| B05002000BA | 16 | 20 x 1/2"   | 80 C - 5 P |
| B05002500CA | 16 | 25 x 3/4"   | 65 C - 5 P |
| B05003200DA | 16 | 32 x 1"     | 35 C - 5 P |
| B05003200EA | 16 | 32 x 1" 1/4 | 35 C       |
| B05004000EA | 16 | 40 x 1" 1/4 | 25 C       |
| B05004000FA | 16 | 40 x 1" 1/2 | 25 C       |
| B05005000FA | 16 | 50 x 1" 1/2 | 12 C       |
| B05005000GA | 16 | 50 x 2"     | 12 C       |
| B05006300GA | 16 | 63 x 2"     | 8 C        |

## Raccordo femmina con inserto in ottone

Female adaptor with brass insert

Raccord avec insert en laiton taraudé

Empalme con injerto de latón hembra



| CODE: B055  | PN | Ø x D"      | PACK       |
|-------------|----|-------------|------------|
| B05502000BA | 16 | 20 x 1/2"   | 80 C - 5 P |
| B05502500CA | 16 | 25 x 3/4"   | 65 C - 5 P |
| B05503200DA | 16 | 32 x 1"     | 35 C - 5 P |
| B05504000CA | 16 | 40 x 3/4"   | 25 C       |
| B05504000EA | 16 | 40 x 1" 1/4 | 25 C       |
| B05505000FA | 16 | 50 x 1" 1/2 | 12 C       |
| B05506300GA | 16 | 63 x 2"     | 8 C        |

## Gomito maschio con inserto in ottone

90° male elbow with brass insert

Coude à 90° avec insert en laiton fileté male

Codo a 90° con injerto de latón macho



| CODE: B060  | PN | Ø x D"      | PACK       |
|-------------|----|-------------|------------|
| B06002000BA | 16 | 20 x 1/2"   | 80 C - 5 P |
| B06002500CA | 16 | 25 x 3/4"   | 55 C - 5 P |
| B06003200DA | 16 | 32 x 1"     | 35 C - 5 P |
| B06004000EA | 16 | 40 x 1" 1/4 | 20 C       |
| B06004000FA | 16 | 40 x 1" 1/2 | 20 C       |
| B06005000FA | 16 | 50 x 1" 1/2 | 10 C       |
| B06006300GA | 16 | 63 x 2"     | 8 C        |

## Gomito femmina con inserto in ottone

90° female elbow with brass insert

Coude à 90° avec insert en laiton taraudé

Codo a 90° con injerto de latón hembra



| CODE: B065  | PN | Ø x D"      | PACK       |
|-------------|----|-------------|------------|
| B06502000BA | 16 | 20 x 1/2"   | 80 C - 5 P |
| B06502500CA | 16 | 25 x 3/4"   | 55 C - 5 P |
| B06503200DA | 16 | 32 x 1"     | 35 C - 5 P |
| B06504000CA | 16 | 40 x 3/4"   | 25 C       |
| B06504000EA | 16 | 40 x 1" 1/4 | 25 C       |
| B06505000FA | 16 | 50 x 1" 1/2 | 10 C       |
| B06506300GA | 16 | 63 x 2"     | 8 C        |

## Ghiera

Nut / Ecrou / Tuerca



A

B

CODE: 770001

Ø

|            |     |
|------------|-----|
| 770001016A | 16  |
| 770001020A | 20  |
| 770001025A | 25  |
| 770001032A | 32  |
| 770001040A | 40  |
| 770001050A | 50  |
| 770001063A | 63  |
| 770001075A | 75  |
| 770001090A | 90  |
| 770001110A | 110 |

## Anello di aggiramento

Grip ring / Bague d'agrafage

Cono de fijación



CODE: 77200

Ø

|           |     |
|-----------|-----|
| 772002016 | 16  |
| 772002020 | 20  |
| 772002025 | 25  |
| 772002032 | 32  |
| 772002040 | 40  |
| 772002050 | 50  |
| 772002063 | 63  |
| 772002075 | 75  |
| 772002090 | 90  |
| 772002110 | 110 |

## Anello con battuta Blueseal

Blueseal spacer ring

Douille de poussée Blueseal

Casquillo prensa Blueseal



CODE: 7700

Ø

|           |     |
|-----------|-----|
| 770009020 | 20  |
| 770009025 | 25  |
| 770009032 | 32  |
| 770009040 | 40  |
| 770009050 | 50  |
| 770009063 | 63  |
| 770009075 | 75  |
| 770009090 | 90  |
| 770009110 | 110 |

## Guarnizione Blueseal

Blueseal lip-ring

Joint Blueseal

Junta Blueseal



CODE: 7300

Ø

|        |     |
|--------|-----|
| 730016 | 16  |
| 730020 | 20  |
| 730025 | 25  |
| 730032 | 32  |
| 730040 | 40  |
| 730050 | 50  |
| 730063 | 63  |
| 730075 | 75  |
| 730090 | 90  |
| 730110 | 110 |

## Anello con battuta

Spacer ring

Douille de poussée

Casquillo prensa O-Ring



CODE: 7700Q

Ø

|            |     |
|------------|-----|
| 770003016Q | 16  |
| 770003020Q | 20  |
| 770003025Q | 25  |
| 770003032Q | 32  |
| 770003040Q | 40  |
| 770003050Q | 50  |
| 770003063Q | 63  |
| 770003075Q | 75  |
| 770003090Q | 90  |
| 770003110Q | 110 |

## O-ring NBR



CODE: 721

Ø

|        |     |
|--------|-----|
| 721016 | 16  |
| 721020 | 20  |
| 721025 | 25  |
| 721032 | 32  |
| 721040 | 40  |
| 721050 | 50  |
| 721063 | 63  |
| 721075 | 75  |
| 721090 | 90  |
| 721110 | 110 |



## Anello di aggiraffaggio

Grip ring / Bague d'agrafage  
Cono de fijación

[PBT]



| CODE: 77210 | Ø   |
|-------------|-----|
| 772102016   | 16  |
| 772102020   | 20  |
| 772102025   | 25  |
| 772102032   | 32  |
| 772102040   | 40  |
| 772102050   | 50  |
| 772102063   | 63  |
| 772102075   | 75  |
| 772102090   | 90  |
| 772102110   | 110 |

## O-ring Viton



| CODE: 721V | Ø   |
|------------|-----|
| 721016V    | 16  |
| 721020V    | 20  |
| 721025V    | 25  |
| 721032V    | 32  |
| 721040V    | 40  |
| 721050V    | 50  |
| 721063V    | 63  |
| 721075V    | 75  |
| 721090V    | 90  |
| 721110V    | 110 |

## Smussatore tubi

Chamfering device / Dispositif de chanfreinage  
Dispositivo de biselado



20...63



75...110



40...250

| CODE: 9210/9212 | Ø        | PACK |
|-----------------|----------|------|
| 9210063020A     | 20...63  | 1    |
| 9210110075A     | 75...110 | 1    |
| 9212250040A     | 40...250 | 1    |

## Chiave per raccordi

Wrench for fittings / Clé de serrage pour les raccords  
Llave para los accesorios



| CODE: 9198   | Ø        | PACK |
|--------------|----------|------|
| 91982016040A | 16...40  | -    |
| 91982040063A | 40...63  | -    |
| 91982075110A | 75...110 | -    |

## Rotolo nastro teflon

Teflon coil / Bobine de teflon / Rollo de teflon



| CODE: 9880 | h x l        | PACK  |
|------------|--------------|-------|
| 9880012010 | 12 mm x 10 m | 200 C |
| 9880019025 | 19 mm x 25 m | 100 C |
| 9880019050 | 19 mm x 50 m | 50 C  |

## Installazione

Installation / Installation  
Instalación



INSTALLATION



**Smussare e pulire l'estremità del tubo in PE. Svitare la ghiera fino all'ultimo filetto.**

Chamfer and clean the PE pipe ends. Undo the nut to the last thread.

Chanfreiner les extrémités du tube PE. Dévisser l'écrou jusqu'au dernier filet.

Biselar y limpiar la extremidad de los tubos en PE. Retirar la tuerca hasta su última rosca.



**Inserire il tubo nel manicotto fino alla battuta interna.**

Push the pipe into the fitting to the pipe stop.

Insérer en rotation le tuyau dans le raccord jusqu'à son blocage contre la butée centrale.

Insertar el tubo con movimiento circular en el accesorio hasta llegar al tope central.



**Serrare a fondo la ghiera, utilizzare una chiave per il serraggio finale.**

Tighten the nut firmly, use a wrench for final tightening. Visser et serrer l'écrou fermement, utiliser une clé pour le serrage final.

Cerrar la tuerca firmemente, utilizar una llave de apriete final.



## Raccordi a compressione PE-Rame

PE to copper compression fittings / Raccords à compression PE-cuivre / Accesorios PE-cobre

### Manicotto

Coupling  
Manchon  
Manguito



| CODE: R1100 | PN | PE<br>Ø   | COPPER<br>Ø | PACK        |
|-------------|----|-----------|-------------|-------------|
| R110015016B | 16 | 16 x 15,0 | EU          | 90 C - 20 P |
| R110022016B | 16 | 16 x 22,0 | EU          | 60 C - 10 P |
| R105020015B | 16 | 20 x 15,0 | EU          | 80 C - 20 P |
| R110022020B | 16 | 20 x 22,0 | EU          | 60 C - 10 P |
| R110025015B | 16 | 25 x 15,0 | EU          | 60 C - 10 P |
| R105025022B | 16 | 25 x 22,0 | EU          | 50 C - 10 P |
| R110032015B | 16 | 32 x 15,0 | EU          | 40 C - 10 P |
| R110032022B | 16 | 32 x 22,0 | EU          | 40 C - 10 P |
| R110013016B | 16 | 16 x 12,7 | AU          | 90 C - 20 P |
| R110019016B | 16 | 16 x 19,0 | AU          | 90 C - 20 P |
| R110026016B | 16 | 16 x 25,4 | AU          | 60 C - 10 P |
| R105020013B | 16 | 20 x 12,7 | AU          | 80 C - 20 P |
| R110019020B | 16 | 20 x 19,0 | AU          | 80 C - 20 P |
| R110026020B | 16 | 20 x 25,4 | AU          | 60 C - 10 P |
| R110025013B | 16 | 25 x 12,7 | AU          | 60 C - 10 P |
| R105025019B | 16 | 25 x 19,0 | AU          | 50 C - 10 P |
| R105025026B | 16 | 25 x 25,4 | AU          | 50 C - 10 P |
| R110032013B | 16 | 32 x 12,7 | AU          | 40 C - 10 P |
| R110032019B | 16 | 32 x 19,0 | AU          | 40 C - 10 P |
| R110032026B | 16 | 32 x 25,4 | AU          | 40 C - 10 P |

### Raccordo maschio

Male adaptor  
Raccord fileté male  
Empalme macho



| CODE: R0950 | PN | D"          | COPPER<br>Ø | PACK        |
|-------------|----|-------------|-------------|-------------|
| R09501500BB | 16 | 1/2" x 15,0 | EU          | 140 C - 5 P |
| R09501500CB | 16 | 3/4" x 15,0 | EU          | 140 C - 5 P |
| R09501500DB | 16 | 1" x 15,0   | EU          | 140 C - 5 P |
| R09502200BB | 16 | 1/2" x 22,0 | EU          | 100 C - 5 P |
| R09502200CB | 16 | 3/4" x 22,0 | EU          | 100 C - 5 P |
| R09502200DB | 16 | 1" x 22,0   | EU          | 100 C - 5 P |
| R09501300BB | 16 | 1/2" x 12,7 | AU          | 140 C - 5 P |
| R09501300CB | 16 | 3/4" x 12,7 | AU          | 140 C - 5 P |
| R09501300DB | 16 | 1" x 12,7   | AU          | 140 C - 5 P |
| R09501900BB | 16 | 1/2" x 19,0 | AU          | 100 C - 5 P |
| R09501900CB | 16 | 3/4" x 19,0 | AU          | 100 C - 5 P |
| R09501900DB | 16 | 1" x 19,0   | AU          | 100 C - 5 P |
| R09502600BB | 16 | 1/2" x 25,4 | AU          | 100 C - 5 P |
| R09502600CB | 16 | 3/4" x 25,4 | AU          | 100 C - 5 P |
| R09502600DB | 16 | 1" x 25,4   | AU          | 100 C - 5 P |

### Gomito a 90°

90° Elbow  
Coude à 90°  
Codo a 90°



| CODE: R1200 | PN | PE<br>Ø   | COPPER<br>Ø | PACK        |
|-------------|----|-----------|-------------|-------------|
| R120020015B | 16 | 20 x 15,0 | EU          | 60 C - 20 P |
| R129025015B | 16 | 25 x 15,0 | EU          | 50 C - 10 P |
| R120025022B | 16 | 25 x 22,0 | EU          | 50 C - 10 P |
| R120020013B | 16 | 20 x 12,7 | AU          | 60 C - 20 P |
| R129025013B | 16 | 25 x 12,7 | AU          | 50 C - 10 P |
| R120025019B | 16 | 25 x 19,0 | AU          | 50 C - 10 P |
| R120025026B | 16 | 25 x 25,4 | AU          | 50 C - 10 P |

### T a 90°

90° tee  
Tè à 90°  
T a 90°



| CODE: R0800 | PN | PE<br>Ø   | COPPER<br>Ø | PACK        |
|-------------|----|-----------|-------------|-------------|
| R080020015B | 16 | 20 x 15,0 | EU          | 40 C - 20 P |
| R075025015B | 16 | 25 x 15,0 | EU          | 30 C - 10 P |
| R080025022B | 16 | 25 x 22,0 | EU          | 30 C - 10 P |
| R075032022B | 16 | 32 x 22,0 | EU          | 20 C - 10 P |
| R080020013B | 16 | 20 x 12,7 | AU          | 40 C - 20 P |
| R075025013B | 16 | 25 x 12,7 | AU          | 30 C - 10 P |
| R080025019B | 16 | 25 x 19,0 | AU          | 30 C - 10 P |
| R080025026B | 16 | 25 x 25,4 | AU          | 30 C - 10 P |
| R075032019B | 16 | 32 x 19,0 | AU          | 20 C - 10 P |
| R075032026B | 16 | 32 x 25,4 | AU          | 20 C - 10 P |



## Tappo

Plug  
Bouchon  
Tapón



| CODE: R1150 | PN | COPPER |          | PACK         |
|-------------|----|--------|----------|--------------|
|             |    | PE Ø   | COPPER Ø |              |
| R115015000B | 16 | 15,0   | EU       | 140 C - 20 P |
| R115022000B | 16 | 22,0   | EU       | 100 C - 10 P |
| R115013000B | 16 | 12,7   | AU       | 140 C - 20 P |
| R115019000B | 16 | 19,0   | AU       | 140 C - 10 P |
| R115026000B | 16 | 25,4   | AU       | 100 C - 10 P |

## Valvola Stop Cock

Stop Cock Valve  
Robinet à soupape droite  
Válvula de línea compresión



| CODE: R2000 | PN | PE Ø      | COPPER Ø | PACK        |
|-------------|----|-----------|----------|-------------|
| R200020015B | 10 | 20 x 15,0 | EU       | 30 C - 10 P |
| R200025022B | 10 | 25 x 22,0 | EU       | 20 C - 10 P |
| R200020013B | 10 | 20 x 12,7 | AU       | 30 C - 10 P |
| R200025019B | 10 | 25 x 19,0 | AU       | 20 C - 10 P |
| R200025026B | 10 | 25 x 25,4 | AU       | 20 C - 10 P |

## Kit per tubo rame

Copper Conversion Kit  
Kit pour tuyau en cuivre  
Kit para tubo de cobre



| CODE: R1390 | PN | PE Ø      | COPPER Ø | PACK       |
|-------------|----|-----------|----------|------------|
| R139000015  | 16 | 20 x 15,0 | EU       | 60 C - 1 P |
| R139000022  | 16 | 25 x 22,0 | EU       | 50 C - 1 P |
| R139000013  | 16 | 20 x 12,7 | AU       | 60 C - 1 P |
| R139000019  | 16 | 25 x 19,0 | AU       | 50 C - 1 P |
| R139000026  | 16 | 25 x 25,4 | AU       | 50 C - 1 P |



## Installazione

Installation / Installation  
Instalación



INSTALLATION

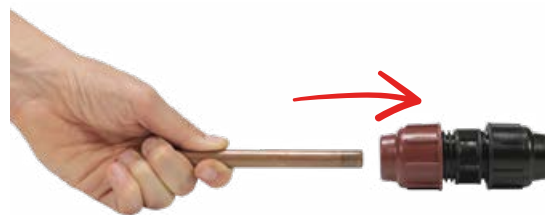


**Tagliare il tubo in maniera perpendicolare. Allentare il raccordo fino all'ultimo filetto.**

Cut the pipe perpendicularly. Loosen the nut till the last thread.

Coupez le tuyau perpendiculairement. Desserrez le raccord jusqu'au dernier filet.

Cortar el tubo perpendicularmente. Desmontar el accesorio hasta el ultimo hilo.



**Inserire il tubo fino alla battuta centrale.**

Push the pipes into the fitting till the pipe stopper.

Insérer le tuyau jusqu'à la butée centrale.

Insertar el tubo hasta el tope interno del accesorio.



**Serrare a fondo la ghiera, utilizzare una chiave per il serraggio finale.**

Fully tighten the nut, using a wrench for final tightening.

Serrez complètement la bague, utilisez une clé pour le serrage final.

Aprietar completamente la tuerca, utilizar una llave para el apriete final



## Raccordi Universali

Universal fittings / Raccords universels / Accesorios universales

### Manicotto

Coupling  
Manchon  
Manguito



| CODE: U1100 | PN | PE | UNIVERSAL | PACK       |
|-------------|----|----|-----------|------------|
|             |    | Ø  | Ø         |            |
| U110015016A | 16 | 16 | x 15-22   | 40 C - 5 P |
| U110015020A | 16 | 20 | x 15-22   | 40 C - 5 P |
| U105015025A | 16 | 25 | x 15-22   | 40 C - 5 P |
| U110021020A | 16 | 20 | x 21-28   | 20 C - 5 P |
| U110021025A | 16 | 25 | x 21-28   | 20 C - 5 P |
| U105021032A | 16 | 32 | x 21-28   | 20 C - 5 P |
| U110027025A | 16 | 25 | x 27-35   | 15 C - 5 P |
| U110027032A | 16 | 32 | x 27-35   | 15 C - 5 P |
| U105027040A | 16 | 40 | x 27-35   | 15 C - 5 P |

### Manicotto

Coupling  
Manchon  
Manguito



| CODE: U1050 | PN | UNIVERSAL | UNIVERSAL | PACK       |
|-------------|----|-----------|-----------|------------|
|             |    | Ø         | Ø         |            |
| U105015015B | 16 | 15-22     | x 15-22   | 30 C - 5 P |
| U110015021B | 16 | 15-22     | x 21-28   | 20 C - 5 P |
| U105021021B | 16 | 21-28     | x 21-28   | 20 C - 5 P |
| U110021027B | 16 | 21-28     | x 27-35   | 15 C - 5 P |
| U105027027B | 16 | 27-35     | x 27-35   | 10 C - 5 P |

### Gomito a 90°

90° Elbow  
Coude à 90°  
Codo a 90°



| CODE: U1290 | PN | PE | UNIVERSAL | PACK       |
|-------------|----|----|-----------|------------|
|             |    | Ø  | Ø         |            |
| U129015020A | 16 | 20 | x 15-22   | 40 C - 5 P |
| U120015025A | 16 | 25 | x 15-22   | 40 C - 5 P |
| U120021032A | 16 | 32 | x 21-28   | 20 C - 5 P |
| U120027040A | 16 | 40 | x 27-35   | 15 C - 5 P |

### Gomito a 90°

90° Elbow  
Coude à 90°  
Codo a 90°



| CODE: U1200 | PN | UNIVERSAL | UNIVERSAL | PACK       |
|-------------|----|-----------|-----------|------------|
|             |    | Ø         | Ø         |            |
| U120015015B | 16 | 15-22     | x 15-22   | 30 C - 5 P |
| U120021021B | 16 | 21-28     | x 21-28   | 15 C - 5 P |
| U120027027B | 16 | 27-35     | x 27-35   | 10 C - 5 P |

### Tappo

Plug  
Bouchon  
Tapón



| CODE: U1150 | PN | UNIVERSAL | PACK       |
|-------------|----|-----------|------------|
|             |    | Ø         |            |
| U115015000B | 16 | 15-22     | 60 C - 5 P |
| U115021000B | 16 | 21-28     | 30 C - 5 P |
| U115027000B | 16 | 27-35     | 20 C - 5 P |

### Valvola Stop Cock

Stop Cock Valve  
Robinet à soupape droite  
Válvula de línea compresion



| CODE: U2000 | PN | PE | UNIVERSAL | PACK       |
|-------------|----|----|-----------|------------|
|             |    | Ø  | Ø         |            |
| U200015025A | 10 | 25 | x 15-22   | 15 C - 5 P |
| U200021032A | 10 | 32 | x 21-28   | 10 C - 5 P |



## Raccordo maschio

Male adaptor  
Raccord fileté male  
Empalme macho



| CODE: U0950 | PN | D"     | UNIVERSAL |            | PACK |
|-------------|----|--------|-----------|------------|------|
|             |    |        | Ø         |            |      |
| U09501500BB | 16 | 1/2"   | x 15-22   | 60 C - 5 P |      |
| U09501500CB | 16 | 3/4"   | x 15-22   | 60 C - 5 P |      |
| U09501500DB | 16 | 1"     | x 15-22   | 60 C - 5 P |      |
| U09502100BB | 16 | 1/2"   | x 21-28   | 30 C - 5 P |      |
| U09502100CB | 16 | 3/4"   | x 21-28   | 30 C - 5 P |      |
| U09502100DB | 16 | 1"     | x 21-28   | 30 C - 5 P |      |
| U09502100EB | 16 | 1 1/4" | x 21-28   | 25 C - 5 P |      |
| U09502700DB | 16 | 1"     | x 27-35   | 15 C - 5 P |      |
| U09502700EB | 16 | 1 1/4" | x 27-35   | 15 C - 5 P |      |
| U09502700FB | 16 | 1 1/2" | x 27-35   | 15 C - 5 P |      |
| U09502700GB | 16 | 2"     | x 27-35   | 10 C - 5 P |      |

## Raccordo femmina

Female adaptor  
Raccord taraudé  
Empalme hembra



| CODE: U1000 | PN | D"   | UNIVERSAL |            | PACK |
|-------------|----|------|-----------|------------|------|
|             |    |      | Ø         |            |      |
| U10001500BB | 16 | 1/2" | x 15-22   | 60 C - 5 P |      |
| U10001500CB | 16 | 3/4" | x 15-22   | 60 C - 5 P |      |
| U10001500DB | 16 | 1"   | x 15-22   | 60 C - 5 P |      |
| U10002100CB | 16 | 3/4" | x 21-28   | 30 C - 5 P |      |
| U10002100DB | 16 | 1"   | x 21-28   | 30 C - 5 P |      |
| U10002700DB | 16 | 1"   | x 27-35   | 15 C - 5 P |      |

## Kit Universale per ogni genere di tubo

Universal kit for all types of pipe  
Kit universel pour tous les types de tuyaux  
Kit universal para todo tipo de tubería



| CODE: U1390 | PN | UNIVERSAL Ø | PE Ø | PACK       |
|-------------|----|-------------|------|------------|
|             |    |             |      |            |
| U139015000  | 16 | 15-22       | x 25 | 50 C - 1 P |
| U139021000  | 16 | 21-28       | x 32 | 40 C - 1 P |
| U139027000  | 16 | 27-35       | x 40 | 30 C - 1 P |

## Installazione

Installation / Installation  
Instalación



INSTALLATION

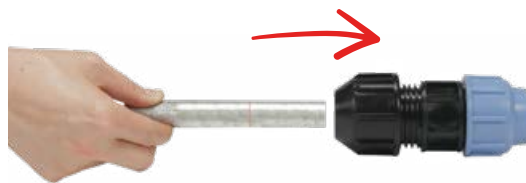


**Tagliare il tubo in maniera perpendicolare. Allentare il raccordo fino all'ultimo filetto.**

Cut the pipe perpendicularly. Loosen the nut till the last thread.

Coupez le tuyau perpendiculairement. Desserrez le raccord jusqu'au dernier filet.

Cortar el tubo perpendicularmente. Desmontar el accesorio hasta el ultimo hilo.



**Inserire il tubo fino alla battuta centrale.**

Push the pipes into the fitting till the pipe stopper.

Insérer le tuyau jusqu'à la butée centrale.

Insertar el tubo hasta el tope interno del accesorio.

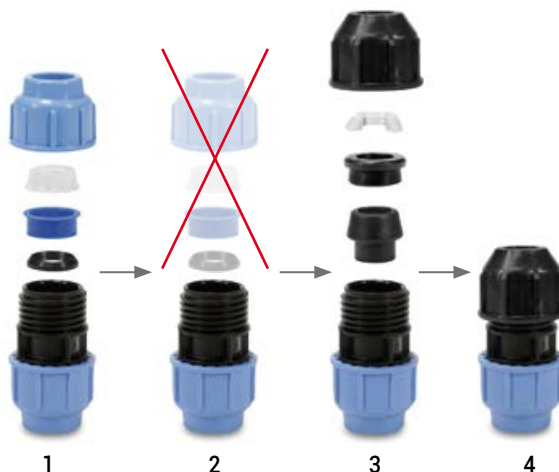


**Serrare a fondo la ghiera, utilizzare una chiave per il serraggio finale.**

Fully tighten the nut, using a wrench for final tightening.

Serrez complètement la bague, utilisez une clé pour le serrage final.

Aprietar completamente la tuerca, utilizar una llave para el apriete final.



# Perla

## Raccordi a compressione

Compression fittings  
Raccords à compression  
Accesorios compresión



### VANTAGGI

Semplice e robusto  
Ottimo rapporto qualità prezzo  
Ideale per impianti di irrigazione

### ADVANTAGES

Simple and robust  
Excellent price/quality ratio  
Ideal for irrigation

### AVANTAGES

Simple et robuste  
Excellent rapport qualité/prix  
Idéale pour l'irrigation

### VENTAJAS

Simple y robusto  
Óptima relación calidad/precio  
Ideal para el mercado del riego



#### Ghiera

Nut / Ecrou  
Tuerca  
[PP]



#### Anello di aggraffaggio

Grip ring / Bague d'agrafage  
Cono de fijación  
[POM]



#### Anello di battuta

Spacer ring / Douille de poussée  
Anillo prensa O-ring  
[PP]



#### O-ring

[NBR 70sh A]



#### Corpo

Body / Corp / Cuerpo  
[PP]

#### Pressione nominale

Working pressure / Pression nominale  
Presión nominal  
ø20 ... ø63 PN16  
ø75 ... ø110 PN10  
Test: 2 x PN / 1h @ 20°

#### Disponibile con filetti NPT

NPT threads available  
Disponible avec filetages NPT  
Disponible con roscas NPT

### Perla



Code: 08 105 032 000 P

### Perlanera



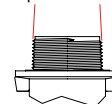
Code: 08 105 032 000 B

#### Normative

Standards / Normes / Normas

UNI9561 / AS/NZS4129 / BRL-K 17105  
DVGW GW 335-B3 / ISO17885 / UNI EN 10226-1 (ISO 7/1)

Male threads  
tapered 1:16



ISO 7/1 Conical

Female threads



ISO 7/1 Parallel

### T a 90° ridotto

90° reducing tee

Té à 90° réduit

T a 90° reducido



| CODE: 08075  | PN | Ø x Ø x Ø      | PACK        |
|--------------|----|----------------|-------------|
| 08075025020P | 16 | 25 x 20 x 25   | 60 B - 10 P |
| 08075032025P | 16 | 32 x 25 x 32   | 40 B - 10 P |
| 08075040032P | 16 | 40 x 32 x 40   | 21 B        |
| 08075050032P | 16 | 50 x 32 x 50   | 14 B        |
| 08075050040P | 16 | 50 x 40 x 50   | 14 B        |
| 08075063025P | 16 | 63 x 25 x 63   | 8 B         |
| 08075063032P | 16 | 63 x 32 x 63   | 8 B         |
| 08075063050P | 16 | 63 x 50 x 63   | 8 B         |
| 08075075063P | 10 | 75 x 63 x 75   | 4 B         |
| 08075090075P | 10 | 90 x 75 x 90   | 5 A         |
| 08075110063P | 10 | 110 x 63 x 110 | 4 A         |
| 08075110090P | 10 | 110 x 90 x 110 | 4 A         |

### T a 90°

90° tee

Té à 90°

T a 90°



| CODE: 08080  | PN | Ø x Ø x Ø       | PACK        |
|--------------|----|-----------------|-------------|
| 08080020020P | 16 | 20 x 20 x 20    | 80 B - 20 P |
| 08080025025P | 16 | 25 x 25 x 25    | 60 B - 10 P |
| 08080032032P | 16 | 32 x 32 x 32    | 30 B - 10 P |
| 08080040040P | 16 | 40 x 40 x 40    | 20 B        |
| 08080050050P | 16 | 50 x 50 x 50    | 12 B        |
| 08080063063P | 16 | 63 x 63 x 63    | 8 B         |
| 08080075075P | 10 | 75 x 75 x 75    | 4 B         |
| 08080090090P | 10 | 90 x 90 x 90    | 5 A         |
| 08080110110P | 10 | 110 x 110 x 110 | 4 A         |

### T a 90° filettato femmina

90° female tee

Té à 90° taraudée

T a 90° hembra



| CODE: 08085  | PN | Ø x D" x Ø       | PACK         |
|--------------|----|------------------|--------------|
| 0808502000BP | 16 | 20 x 1/2" x 20   | 100 B - 20 P |
| 0808502000CP | 16 | 20 x 3/4" x 20   | 100 B - 20 P |
| 0808502500BP | 16 | 25 x 1/2" x 25   | 80 B - 10 P  |
| 0808502500CP | 16 | 25 x 3/4" x 25   | 80 B - 10 P  |
| 0808502500DP | 16 | 25 x 1" x 25     | 80 B - 10 P  |
| 0808503200BP | 16 | 32 x 1/2" x 32   | 50 B - 10 P  |
| 0808503200CP | 16 | 32 x 3/4" x 32   | 50 B - 10 P  |
| 0808503200DP | 16 | 32 x 1" x 32     | 50 B - 10 P  |
| 0808503200EP | 16 | 32 x 1 1/4" x 32 | 50 B - 10 P  |
| 0808504000DP | 16 | 40 x 1" x 40     | 28 B         |
| 0808504000EP | 16 | 40 x 1 1/4" x 40 | 28 B         |
| 0808504000FP | 16 | 40 x 1 1/2" x 40 | 25 B         |
| 0808505000EP | 16 | 50 x 1 1/4" x 50 | 18 B         |
| 0808505000FP | 16 | 50 x 1 1/2" x 50 | 18 B         |
| 0808505000GP | 16 | 50 x 2" x 50     | 15 B         |
| 0808506300FP | 16 | 63 x 1 1/2" x 63 | 10 B         |
| 0808506300GP | 16 | 63 x 2" x 63     | 10 B         |
| 0808506300IP | 16 | 63 x 2 1/2" x 63 | 10 B         |
| 0808507500GP | 10 | 75 x 2" x 75     | 6 B          |
| 0808507500IP | 10 | 75 x 2 1/2" x 75 | 6 B          |
| 0808507500LP | 10 | 75 x 3" x 75     | 4 B          |
| 0808509000IP | 10 | 90 x 2 1/2" x 90 | 3 B          |
| 0808509000LP | 10 | 90 x 3" x 90     | 3 B          |
| 0808511000LP | 10 | 110 x 3" x 110   | 6 A          |
| 0808511000MP | 10 | 110 x 4" x 110   | 6 A          |

Stainless steel reinforcing ring from 1 1/2" to 4".

### T a 90° filettato maschio

90° male tee

Té à 90° fileté male

T a 90° macho



| CODE: 08090  | PN | Ø x D" x Ø       | PACK         |
|--------------|----|------------------|--------------|
| 0809002000BP | 16 | 20 x 1/2" x 20   | 100 B - 20 P |
| 0809002000CP | 16 | 20 x 3/4" x 20   | 100 B - 20 P |
| 0809002500BP | 16 | 25 x 1/2" x 25   | 80 B - 10 P  |
| 0809002500CP | 16 | 25 x 3/4" x 25   | 80 B - 10 P  |
| 0809002500DP | 16 | 25 x 1" x 25     | 70 B - 10 P  |
| 0809003200CP | 16 | 32 x 3/4" x 32   | 50 B - 10 P  |
| 0809003200DP | 16 | 32 x 1" x 32     | 50 B - 10 P  |
| 0809004000DP | 16 | 40 x 1" x 40     | 28 B         |
| 0809004000EP | 16 | 40 x 1 1/4" x 40 | 28 B         |
| 0809004000FP | 16 | 40 x 1 1/2" x 40 | 25 B         |
| 0809005000EP | 16 | 50 x 1 1/4" x 50 | 18 B         |
| 0809005000FP | 16 | 50 x 1 1/2" x 50 | 18 B         |
| 0809005000GP | 16 | 50 x 2" x 50     | 15 B         |
| 0809006300GP | 16 | 63 x 2" x 63     | 10 B         |
| 0809007500IP | 10 | 75 x 2 1/2" x 75 | 6 B          |
| 0809009000LP | 10 | 90 x 3" x 90     | 7 A          |
| 0809011000MP | 10 | 110 x 4" x 110   | 5 A          |

### Tappo

Plug

Bouchon

Tapón



### Tee a 90° maggiorata

90° enlarging tee

Té à 90° augmentée

T ampliada 90°



| CODE: 08076/078 | PN | Ø x Ø x Ø    | PACK        |
|-----------------|----|--------------|-------------|
| 08076020025P    | 16 | 20 x 25 x 20 | 60 B - 10 P |
| 08076025032P    | 16 | 25 x 32 x 25 | 40 B - 10 P |
| 08078020032P    | 16 | 20 x 20 x 32 | 60 B - 10 P |

| CODE: 08115  | PN | Ø   | PACK         |
|--------------|----|-----|--------------|
| 08115020000P | 16 | 20  | 280 B - 20 P |
| 08115025000P | 16 | 25  | 200 B - 10 P |
| 08115032000P | 16 | 32  | 120 B - 10 P |
| 08115040000P | 16 | 40  | 60 B         |
| 08115050000P | 16 | 50  | 40 B         |
| 08115063000P | 16 | 63  | 24 B         |
| 08115075000P | 10 | 75  | 15 B         |
| 08115090000P | 10 | 90  | 9 B          |
| 08115110000P | 10 | 110 | 6 B          |

## Raccordo femmina

Female adaptor  
Raccord taraudé  
Empalme hembra



| CODE: 08100  | PN | Ø x D"      | PACK         |
|--------------|----|-------------|--------------|
| 0810002000BP | 16 | 20 x 1/2"   | 280 B - 20 P |
| 0810002000CP | 16 | 20 x 3/4"   | 240 B - 20 P |
| 0810002500BP | 16 | 25 x 1/2"   | 200 B - 10 P |
| 0810002500CP | 16 | 25 x 3/4"   | 200 B - 10 P |
| 0810002500DP | 16 | 25 x 1"     | 180 B - 10 P |
| 0810003200CP | 16 | 32 x 3/4"   | 120 B - 10 P |
| 0810003200DP | 16 | 32 x 1"     | 120 B - 10 P |
| 0810003200EP | 16 | 32 x 1 1/4" | 100 B - 10 P |
| 0810004000DP | 16 | 40 x 1"     | 60 B         |
| 0810004000EP | 16 | 40 x 1 1/4" | 60 B         |
| 0810005000EP | 16 | 50 x 1 1/4" | 35 B         |
| 0810005000FP | 16 | 50 x 1 1/2" | 35 B         |
| 0810005000GP | 16 | 50 x 2"     | 35 B         |
| 0810006300FP | 16 | 63 x 1 1/2" | 24 B         |
| 0810006300GP | 16 | 63 x 2"     | 24 B         |
| 0810007500GP | 10 | 75 x 2"     | 15 B         |
| 0810007500IP | 10 | 75 x 2 1/2" | 15 B         |
| 0810009000IP | 10 | 90 x 2 1/2" | 8 B          |
| 0810009000LP | 10 | 90 x 3"     | 8 B          |
| 0810011000LP | 10 | 110 x 3"    | 6 B          |
| 0810011000MP | 10 | 110 x 4"    | 6 B          |

Stainless steel reinforcing ring from 1 1/2" to 4".

## Raccordo maschio

Male adaptor  
Raccord fileté male  
Empalme macho



| CODE: 08095  | PN | Ø x D"      | PACK         |
|--------------|----|-------------|--------------|
| 0809502000BP | 16 | 20 x 1/2"   | 280 B - 20 P |
| 0809502000CP | 16 | 20 x 3/4"   | 280 B - 20 P |
| 0809502500BP | 16 | 25 x 1/2"   | 200 B - 10 P |
| 0809502500CP | 16 | 25 x 3/4"   | 200 B - 10 P |
| 0809502500DP | 16 | 25 x 1"     | 200 B - 10 P |
| 0809503200CP | 16 | 32 x 3/4"   | 120 B - 10 P |
| 0809503200DP | 16 | 32 x 1"     | 120 B - 10 P |
| 0809503200EP | 16 | 32 x 1 1/4" | 100 B - 10 P |
| 0809504000DP | 16 | 40 x 1"     | 60 B         |
| 0809504000EP | 16 | 40 x 1 1/4" | 60 B         |
| 0809504000FP | 16 | 40 x 1 1/2" | 55 B         |
| 0809505000EP | 16 | 50 x 1 1/4" | 35 B         |
| 0809505000FP | 16 | 50 x 1 1/2" | 35 B         |
| 0809505000GP | 16 | 50 x 2"     | 35 B         |
| 0809506300FP | 16 | 63 x 1 1/2" | 24 B         |
| 0809506300GP | 16 | 63 x 2"     | 24 B         |
| 0809507500GP | 10 | 75 x 2"     | 15 B         |
| 0809507500IP | 10 | 75 x 2 1/2" | 15 B         |
| 0809507500LP | 10 | 75 x 3"     | 12 B         |
| 0809509000IP | 10 | 90 x 2 1/2" | 8 B          |
| 0809509000LP | 10 | 90 x 3"     | 8 B          |
| 0809509000MP | 10 | 90 x 4"     | 8 B          |
| 0809511000GP | 10 | 110 x 2"    | 6 B          |
| 0809511000LP | 10 | 110 x 3"    | 6 B          |
| 0809511000MP | 10 | 110 x 4"    | 6 B          |

## Manicotto

Coupling  
Manchon  
Manguito



| CODE: 08105  | PN | Ø   | PACK         |
|--------------|----|-----|--------------|
| 08105020000P | 16 | 20  | 160 B - 20 P |
| 08105025000P | 16 | 25  | 100 B - 10 P |
| 08105032000P | 16 | 32  | 60 B - 10 P  |
| 08105040000P | 16 | 40  | 40 B         |
| 08105050000P | 16 | 50  | 25 B         |
| 08105063000P | 16 | 63  | 15 B         |
| 08105075000P | 10 | 75  | 8 B          |
| 08105090000P | 10 | 90  | 5 B          |
| 08105110000P | 10 | 110 | 3 B          |

## Manicotto ridotto

Reducing coupling  
Manchon réduit  
Manguito reducido



| CODE: 08110  | PN | Ø x Ø    | PACK         |
|--------------|----|----------|--------------|
| 08110025020P | 16 | 25 x 20  | 120 B - 10 P |
| 08110032020P | 16 | 32 x 20  | 80 B - 10 P  |
| 08110032025P | 16 | 32 x 25  | 80 B - 10 P  |
| 08110040025P | 16 | 40 x 25  | 45 B         |
| 08110040032P | 16 | 40 x 32  | 40 B         |
| 08110050025P | 16 | 50 x 25  | 30 B         |
| 08110050032P | 16 | 50 x 32  | 30 B         |
| 08110050040P | 16 | 50 x 40  | 30 B         |
| 08110063025P | 16 | 63 x 25  | 15 B         |
| 08110063032P | 16 | 63 x 32  | 15 B         |
| 08110063040P | 16 | 63 x 40  | 15 B         |
| 08110063050P | 16 | 63 x 50  | 15 B         |
| 08110075050P | 10 | 75 x 50  | 12 B         |
| 08110075063P | 10 | 75 x 63  | 8 B          |
| 08110090075P | 10 | 90 x 75  | 6 B          |
| 08110110063P | 10 | 110 x 63 | 4 B          |
| 08110110075P | 10 | 110 x 75 | 4 B          |
| 08110110090P | 10 | 110 x 90 | 3 B          |

## Raccordo flangiato

Flanged adaptor  
Joint à bride  
Enlace rebordeado



| CODE: 08135  | PN | Ø x D"             | PACK |
|--------------|----|--------------------|------|
| 0813504000FP | 16 | 40 x 1"1/2 (DN 40) | 24 B |
| 0813505000FP | 16 | 50 x 1"1/2 (DN 40) | 20 B |
| 0813505000GP | 16 | 50 x 2" (DN 50)    | 15 B |
| 0813506300GP | 16 | 63 x 2" (DN 50)    | 15 B |
| 0813507500IP | 10 | 75 x 2"1/2 (DN 65) | 8 B  |
| 0813507500LP | 10 | 75 x 3" (DN 80)    | 8 B  |
| 0813509000LP | 10 | 90 x 3" (DN 80)    | 5 B  |
| 0813509000MP | 10 | 90 x 4" (DN100)    | 5 B  |
| 0813511000MP | 10 | 110 x 4" (DN100)   | 3 B  |

## Gomito a 90°

90° elbow  
Coude à 90°  
Codo a 90°



| CODE: 08120  | PN | Ø   | PACK         |
|--------------|----|-----|--------------|
| 08120020000P | 16 | 20  | 120 B - 20 P |
| 08120025000P | 16 | 25  | 100 B - 10 P |
| 08120032000P | 16 | 32  | 60 B - 10 P  |
| 08120040000P | 16 | 40  | 30 B         |
| 08120050000P | 16 | 50  | 20 B         |
| 08120063000P | 16 | 63  | 12 B         |
| 08120075000P | 10 | 75  | 6 B          |
| 08120090000P | 10 | 90  | 3 B          |
| 08120110000P | 10 | 110 | 6 A          |

## Gomito a 90° filettato femmina

90° female elbow  
Coude à 90° taraudé  
Codo a 90° hembra



| CODE: 08125  | PN | Ø x Ø      | PACK         |
|--------------|----|------------|--------------|
| 0812502000BP | 16 | 20 x 1/2"  | 200 B - 20 P |
| 0812502000CP | 16 | 20 x 3/4"  | 200 B - 20 P |
| 0812502500BP | 16 | 25 x 1/2"  | 150 B - 10 P |
| 0812502500CP | 16 | 25 x 3/4"  | 150 B - 10 P |
| 0812502500DP | 16 | 25 x 1"    | 130 B - 10 P |
| 0812503200BP | 16 | 32 x 1/2"  | 90 B - 10 P  |
| 0812503200CP | 16 | 32 x 3/4"  | 90 B - 10 P  |
| 0812503200DP | 16 | 32 x 1"    | 90 B - 10 P  |
| 0812504000DP | 16 | 40 x 1"    | 45 B         |
| 0812504000EP | 16 | 40 x 1"1/4 | 45 B         |
| 0812505000EP | 16 | 50 x 1"1/4 | 30 B         |
| 0812505000FP | 16 | 50 x 1"1/2 | 30 B         |
| 0812506300FP | 16 | 63 x 1"1/2 | 17 B         |
| 0812506300GP | 16 | 63 x 2"    | 17 B         |
| 0812507500IP | 10 | 75 x 2"1/2 | 10 B         |
| 0812509000LP | 10 | 90 x 3"    | 5 B          |
| 0812511000MP | 10 | 110 x 4"   | 3 B          |

Stainless steel reinforcing ring from 1"1/2 to 4".

## Gomito a 90° filettato maschio

90° male elbow  
Coude à 90° fileté male  
Codo a 90° macho



| CODE: 08130  | PN | Ø x Ø      | PACK         |
|--------------|----|------------|--------------|
| 0813002000BP | 16 | 20 x 1/2"  | 200 B - 20 P |
| 0813002000CP | 16 | 20 x 3/4"  | 200 B - 20 P |
| 0813002500BP | 16 | 25 x 1/2"  | 150 B - 10 P |
| 0813002500CP | 16 | 25 x 3/4"  | 150 B - 10 P |
| 0813002500DP | 16 | 25 x 1"    | 130 B - 10 P |
| 0813003200CP | 16 | 32 x 3/4"  | 90 B - 10 P  |
| 0813003200DP | 16 | 32 x 1"    | 90 B - 10 P  |
| 0813004000DP | 16 | 40 x 1"    | 45 B         |
| 0813004000EP | 16 | 40 x 1"1/4 | 45 B         |
| 0813005000EP | 16 | 50 x 1"1/4 | 30 B         |
| 0813005000FP | 16 | 50 x 1"1/2 | 30 B         |
| 0813006300GP | 16 | 63 x 2"    | 15 B         |
| 0813007500IP | 10 | 75 x 2"1/2 | 10 B         |
| 0813009000LP | 10 | 90 x 3"    | 5 B          |
| 0813011000MP | 10 | 110 x 4"   | 3 B          |

## Gomito a muro

Wall plate elbow  
Coude applique murale  
Codo reforzado de pared



| CODE: 08127  | PN | Ø x D"    | PACK         |
|--------------|----|-----------|--------------|
| 0812702000BP | 16 | 20 x 1/2" | 200 B - 20 P |
| 0812702500BP | 16 | 25 x 1/2" | 100 B - 10 P |
| 0812702500CP | 16 | x 3/4"    | 100 B - 10 P |
| 0812703200DP | 16 | 32 x 1"   | 60 B - 10 P  |

NEW

## Gomito con filetto femmina laterale

Grass elbow  
Coude avec sortie laterale taraudé  
Codo con derivación lateral hembra



| CODE: 08128  | PN | Ø x D"    | PACK         |
|--------------|----|-----------|--------------|
| 0812802500BP | 16 | 25 x 1/2" | 280 B - 10 P |
| 0812803200BP | 16 | 32 x 1/2" | 200 B - 10 P |
| 0812803200CP | 16 | 32 x 3/4" | 100 B - 10 P |

## Valvola Stop Cock

Compression stop cock valve  
Robinet à soupape droite  
Válvula de línea compresión



| CODE: 10010 | PN | Ø  | PACK        |
|-------------|----|----|-------------|
| 100102000P  | 10 | 20 | 60 B - 10 P |
| 100102500P  | 10 | 25 | 40 B - 10 P |
| 100103200P  | 10 | 32 | 30 B - 10 P |

## Raccordo femmina con ghiera folle

Swivel nut female adaptor  
Raccord avec écrou libre taraudé  
Empalme con tuerca libre hembra



| CODE: 08101  | PN | Ø x D"  | PACK         |
|--------------|----|---------|--------------|
| 0810102500DP | 16 | 25 x 1" | 160 B - 10 P |
| 0810103200DP | 16 | 32 x 1" | 110 B - 10 P |

## Ghiera

Nut / Ecrou / Tuerca



| CODE: 78000 | Ø   |
|-------------|-----|
| 780001020P  | 20  |
| 780001025P  | 25  |
| 780001032P  | 32  |
| 780001040P  | 40  |
| 780001050P  | 50  |
| 780001063P  | 63  |
| 780001075P  | 75  |
| 780001090P  | 90  |
| 780001110P  | 110 |

## Anello di aggraffaggio

Grip ring / Bague d'agrafage  
Cono de fijación



| CODE: 77200 | Ø   |
|-------------|-----|
| 772002020   | 20  |
| 772002025   | 25  |
| 772002032   | 32  |
| 772002040   | 40  |
| 772002050   | 50  |
| 772002063   | 63  |
| 772002075   | 75  |
| 772002090   | 90  |
| 772002110   | 110 |

## Smussatore tubi

Chamfering device  
Dispositif de chanfreinage  
Dispositivo de biselado



| CODE: 9210/9212 | Ø        | PACK |
|-----------------|----------|------|
| 9210063020A     | 20...63  | 1    |
| 9210110075A     | 75...110 | 1    |
| 9212250040A     | 40...250 | 1    |

## Chiave per raccordi

Wrench for fittings / Clé de serrage pour les raccords  
Llave para los accesorios



| CODE: 9198   | Ø        | PACK |
|--------------|----------|------|
| 91982016040A | 16...40  | -    |
| 91982040063A | 40...63  | -    |
| 91982075110A | 75...110 | -    |

## Anello con battuta

Spacer ring  
Douille de poussée  
Casquillo prensa O-ring



| CODE: 7700 | Ø   |
|------------|-----|
| 770003020Q | 20  |
| 770003025Q | 25  |
| 770003032Q | 32  |
| 770003040Q | 40  |
| 770003050Q | 50  |
| 770003063Q | 63  |
| 770003075Q | 75  |
| 770003090Q | 90  |
| 770003110Q | 110 |

## O-ring NBR



| CODE: 721 | Ø   |
|-----------|-----|
| 721020    | 20  |
| 721025    | 25  |
| 721032    | 32  |
| 721040    | 40  |
| 721050    | 50  |
| 721063    | 63  |
| 721075    | 75  |
| 721090    | 90  |
| 721110    | 110 |

## Rotolo nastro teflon

Teflon coil  
Bobine de teflon  
Rollo de teflon



| CODE: 9880 | h x l        | PACK  |
|------------|--------------|-------|
| 9880012010 | 12 mm x 10 m | 200 C |
| 9880019025 | 19 mm x 25 m | 100 C |
| 9880019050 | 19 mm x 50 m | 50 C  |



## Raccordi per collettori

Manifold fittings / Raccords pour collecteurs / Accesorios para colectores

### Manicotto m/f con ghiera folle per collettori

Manifold coupling m/f threaded swivel nut

Manchon m/f écrou libre pour collecteur  
Manguito m/h tuerca libre para colector



| CODE: 9221 | D" x D" | PACK       |
|------------|---------|------------|
| 922100D00D | 1" x 1" | 260G - 20P |

### Manicotto f/f con ghiera folle per collettori

Manifold coupling f/f threaded swivel nut

Manchon f/f écrou libre pour collecteur  
Manguito h/h tuerca libre para colector



| CODE: 9222 | D" x D" | PACK       |
|------------|---------|------------|
| 922200D00D | 1" x 1" | 200G - 20P |

### Gomito m/f con ghiera folle per collettori

Manifold elbow m/f threaded swivel nut

Coude m/f écrou libre pour collecteur  
Codo m/h tuerca libre para colector



| CODE: 9223 | D" x D" | PACK       |
|------------|---------|------------|
| 922300D00D | 1" x 1" | 150G - 10P |

### Gomito f/f con ghiera folle per collettori

Manifold elbow f/f threaded swivel nut

Coude f/f écrou libre pour collecteur  
Codo h/h tuerca libre para colector



| CODE: 9224 | D" x D" | PACK       |
|------------|---------|------------|
| 922400D00D | 1" x 1" | 150G - 10P |

### Tee m/f ghiera folle per collettori

Manifold Tee m/f threaded swivel nut

Té m/f écrou libre pour collecteur  
T m/h tuerca libre para colector



| CODE: 9225 | D" x D" | PACK       |
|------------|---------|------------|
| 922500D00D | 1" x 1" | 100G - 10P |

### Tee f/f ghiera folle per collettori

Manifold Tee f/f threaded swivel nut

Té f/f écrou libre pour collecteur  
T h/h tuerca libre para colector



| CODE: 9226 | D" x D" | PACK       |
|------------|---------|------------|
| 922600D00D | 1" x 1" | 100G - 10P |

### Croce m/f ghiera folle per collettori

Manifold cross m/f threaded swivel nut

Croix m/f écrou libre pour collecteur  
Cruz m/h tuerca libre para colector



| CODE: 9227 | D" x D" | PACK      |
|------------|---------|-----------|
| 922700D00D | 1" x 1" | 80G - 10P |

### Croce f/f ghiera folle per collettori

Manifold cross f/f threaded swivel nut

Croix f/f écrou libre pour collecteur  
Cruz h/h tuerca libre para colector



| CODE: 9228 | D" x D" | PACK      |
|------------|---------|-----------|
| 922800D00D | 1" x 1" | 80G - 10P |

# S-saddle 16

## Prese a staffa

Clamp saddles  
Colliers de prise  
Toma abrazadera



### VANTAGGI

Sistema antirotazione  
Guarnizione a sella  
Sistema blocca vite

### ADVANTAGES

Anti-rotation system  
Flat gasket  
Bolt grip system

### AVANTAGES

Système anti-rotation  
Joint plat  
Système de blocage de vis

### VENTAJAS

Sistema antirotación  
Junta con base  
Sistema bloque tornillo

### Anello inox di rinforzo

Stainless steel reinforcing ring  
Bague inox de renforce  
Anillo acero inox de refuerzo

### Sistema blocca guarnizione

Gasket grip system  
Système de blocage de joint  
Sistema bloque guarnición



**Corpo**  
Body  
Corp  
Cuerpo  
[PP]

### Inserto antirotazione

Anti-rotation insert  
Insert anti-rotation  
Injerto antirotación  
[POM]

### Disponibile per tubo ASTM e con filetti NPT

Available for ASTM pipes and NPT threads  
Disponible pour tuyaux ASTM et filetages NPT  
Disponible para tubos ASTM y con roscas NPT

### Female threads



ISO 7/1 Parallel

### Normative

Standards / Normes / Normas

ISO 13460 / AS/NZS4129 / UNI EN 10226-1 (ISO7/1)

## Pres a staffa

Clamp saddles / Collier de prise / Toma abrazadera



### Bulloni zincati

Galvanized bolts  
Boulons galvanisés  
Tueras galvanizadas



## Pres a carico per staffe

Hot tapping neck

Prise en charge pour colliers

Tomada en cargo para collarines



| CODE: 1050  | PN | INLET<br>Ø | OUTLET<br>Ø | PACK | BAG | €     |
|-------------|----|------------|-------------|------|-----|-------|
| 105002500DA | 16 | 1"         | x 25        | 30 C | 10  | 57,70 |
| 105500C00D  | 16 | 1"         | x 3/4" F    | 30 C | 10  | 49,50 |



CODE: 0150 Ø (mm) x D" PN BOLTS PACK

|                 |              |    |   |       |
|-----------------|--------------|----|---|-------|
| 015002500BX     | 25 x 1/2"    | 16 | 2 | 180 B |
| 015002500CX     | 25 x 3/4"    | 16 | 2 | 180 B |
| 015003200BX     | 32 x 1/2"    | 16 | 2 | 150 B |
| 015003200CX     | 32 x 3/4"    | 16 | 2 | 150 B |
| 015003200DX     | 32 x 1"      | 16 | 2 | 120 B |
| 015004000BX     | 40 x 1/2"    | 16 | 2 | 100 B |
| 015004000CX     | 40 x 3/4"    | 16 | 2 | 100 B |
| 015004000DX     | 40 x 1"      | 16 | 2 | 100 B |
| 015005000BX     | 50 x 1/2"    | 16 | 4 | 80 B  |
| 015005000CX     | 50 x 3/4"    | 16 | 4 | 80 B  |
| 015005000DX     | 50 x 1"      | 16 | 4 | 80 B  |
| 015006300BX     | 63 x 1/2"    | 16 | 4 | 50 B  |
| 015006300CX     | 63 x 3/4"    | 16 | 4 | 50 B  |
| 015006300DX     | 63 x 1"      | 16 | 4 | 50 B  |
| 015006300EX     | 63 x 1 1/4"  | 16 | 4 | 50 B  |
| 015006300FX     | 63 x 1 1/2"  | 16 | 4 | 40 B  |
| 015007500BX     | 75 x 1/2"    | 16 | 4 | 40 B  |
| 015007500CX     | 75 x 3/4"    | 16 | 4 | 40 B  |
| 015007500DX     | 75 x 1"      | 16 | 4 | 40 B  |
| 015007500EX     | 75 x 1 1/4"  | 16 | 4 | 40 B  |
| 015007500FX     | 75 x 1 1/2"  | 16 | 4 | 35 B  |
| 015007500GX     | 75 x 2"      | 16 | 4 | 30 B  |
| 015009000BX     | 90 x 1/2"    | 16 | 4 | 30 B  |
| 015009000CX     | 90 x 3/4"    | 16 | 4 | 30 B  |
| 015009000DX     | 90 x 1"      | 16 | 4 | 30 B  |
| 015009000EX     | 90 x 1 1/4"  | 16 | 4 | 30 B  |
| 015009000FX     | 90 x 1 1/2"  | 16 | 4 | 25 B  |
| 015009000GX     | 90 x 2"      | 16 | 4 | 25 B  |
| 015011000BX     | 110 x 1/2"   | 16 | 6 | 20 B  |
| 015011000CX     | 110 x 3/4"   | 16 | 6 | 20 B  |
| 015011000DX     | 110 x 1"     | 16 | 6 | 20 B  |
| 015011000EX     | 110 x 1 1/4" | 16 | 6 | 20 B  |
| 015011000FX     | 110 x 1 1/2" | 16 | 6 | 15 B  |
| 015011000GX     | 110 x 2"     | 16 | 6 | 15 B  |
| 015011000LX     | 110 x 3"     | 10 | 6 | 10 B  |
| 015012500CX     | 125 x 3/4"   | 16 | 6 | 18 B  |
| 015012500DX     | 125 x 1"     | 16 | 6 | 18 B  |
| 015012500EX     | 125 x 1 1/4" | 16 | 6 | 18 B  |
| 015012500FX     | 125 x 1 1/2" | 16 | 6 | 14 B  |
| 015012500GX     | 125 x 2"     | 16 | 6 | 14 B  |
| 015012500LX     | 125 x 3"     | 10 | 6 | 14 B  |
| 015014000CX     | 140 x 3/4"   | 16 | 6 | 12 B  |
| 015014000DX     | 140 x 1"     | 16 | 6 | 12 B  |
| 015014000EX     | 140 x 1 1/4" | 16 | 6 | 12 B  |
| 015014000FX     | 140 x 1 1/2" | 16 | 6 | 12 B  |
| 015014000GX     | 140 x 2"     | 16 | 6 | 12 B  |
| 015014000LX     | 140 x 3"     | 10 | 6 | 10 B  |
| 015016000BX     | 160 x 1/2"   | 16 | 6 | 10 B  |
| 015016000CX     | 160 x 3/4"   | 16 | 6 | 10 B  |
| 015016000DX     | 160 x 1"     | 16 | 6 | 10 B  |
| 015016000EX     | 160 x 1 1/4" | 16 | 6 | 10 B  |
| 015016000FX     | 160 x 1 1/2" | 16 | 6 | 10 B  |
| 015016000GX     | 160 x 2"     | 16 | 6 | 10 B  |
| 015016000LX     | 160 x 3"     | 10 | 6 | 8 B   |
| 015018000DX     | 180 x 1"     | 10 | 6 | 8 B   |
| 015018000GX     | 180 x 2"     | 10 | 6 | 8 B   |
| 015018000LX     | 180 x 3"     | 8  | 6 | 8 B   |
| 015020000DX     | 200 x 1"     | 10 | 6 | 4 B   |
| 015020000FX     | 200 x 1 1/2" | 10 | 6 | 4 B   |
| 015020000GX     | 200 x 2"     | 10 | 6 | 4 B   |
| 015020000LX     | 200 x 3"     | 8  | 6 | 4 B   |
| 015020000MX     | 200 x 4"     | 8  | 6 | 4 B   |
| 015022500FX     | 225 x 1 1/2" | 10 | 6 | 4 B   |
| 015022500GX     | 225 x 2"     | 10 | 6 | 4 B   |
| 015022500LX     | 225 x 3"     | 8  | 6 | 4 B   |
| 015022500MX     | 225 x 4"     | 8  | 6 | 4 B   |
| 015025000FX     | 250 x 1 1/2" | 10 | 6 | 3 B   |
| 015025000GX     | 250 x 2"     | 10 | 6 | 3 B   |
| 015025000LX     | 250 x 3"     | 8  | 6 | 3 B   |
| 015025000MX     | 250 x 4"     | 8  | 6 | 3 B   |
| NEW 015028000FX | 280 x 1 1/2" | 10 | 6 | 2 B   |
| NEW 015028000GX | 280 x 2"     | 10 | 6 | 2 B   |
| 015031500FX     | 315 x 1 1/2" | 10 | 6 | 2 B   |
| 015031500GX     | 315 x 2"     | 10 | 6 | 2 B   |
| 015031500LX     | 315 x 3"     | 8  | 6 | 2 B   |
| 015031500MX     | 315 x 4"     | 8  | 6 | 2 B   |

## Pres a staffa doppia

Double clamp saddles / Collier de prise double  
Toma abrazadera doble



**Bulloni zincati**  
Galvanized bolts  
Boulons galvanisés  
Tuercas galvanizadas



| CODE: 0152   | Ø (mm) x D"  | PN | BOLTS | PACK  |
|--------------|--------------|----|-------|-------|
| 01520250BBX  | 25 x 1/2"    | 16 | 2     | 150 B |
| 01520250CCX  | 25 x 3/4"    | 16 | 2     | 150 B |
| 01520320BBX  | 32 x 1/2"    | 16 | 2     | 120 B |
| 01520320CCX  | 32 x 3/4"    | 16 | 2     | 120 B |
| 01520320DDX  | 32 x 1"      | 16 | 2     | 100 B |
| 01520400BBX  | 40 x 1/2"    | 16 | 2     | 80 B  |
| 01520400CCX  | 40 x 3/4"    | 16 | 2     | 80 B  |
| 01520400DDX  | 40 x 1"      | 16 | 2     | 80 B  |
| 01520500BBX  | 50 x 1/2"    | 16 | 4     | 60 B  |
| 01520500CCX  | 50 x 3/4"    | 16 | 4     | 60 B  |
| 01520500DDX  | 50 x 1"      | 16 | 4     | 60 B  |
| 01520630BBX  | 63 x 1/2"    | 16 | 4     | 40 B  |
| 01520630CCX  | 63 x 3/4"    | 16 | 4     | 40 B  |
| 01520630DDX  | 63 x 1"      | 16 | 4     | 40 B  |
| 01520630EEX  | 63 x 1 1/4"  | 16 | 4     | 40 B  |
| 01520630FFX  | 63 x 1 1/2"  | 16 | 4     | 35 B  |
| 01520750BBX  | 75 x 1/2"    | 16 | 4     | 35 B  |
| 01520750CCX  | 75 x 3/4"    | 16 | 4     | 35 B  |
| 01520750DDX  | 75 x 1"      | 16 | 4     | 35 B  |
| 01520750EEX  | 75 x 1 1/4"  | 16 | 4     | 35 B  |
| 01520750FFX  | 75 x 1 1/2"  | 16 | 4     | 30 B  |
| 01520750GGX  | 75 x 2"      | 16 | 4     | 25 B  |
| 01520900BBX  | 90 x 1/2"    | 16 | 4     | 25 B  |
| 01520900CCX  | 90 x 3/4"    | 16 | 4     | 25 B  |
| 01520900DDX  | 90 x 1"      | 16 | 4     | 25 B  |
| 01520900EEX  | 90 x 1 1/4"  | 16 | 4     | 25 B  |
| 01520900FFX  | 90 x 1 1/2"  | 16 | 4     | 20 B  |
| 01520900GGX  | 90 x 2"      | 16 | 4     | 20 B  |
| 01521100BBX  | 110 x 1/2"   | 16 | 6     | 15 B  |
| 01521100CCX  | 110 x 3/4"   | 16 | 6     | 15 B  |
| 01521100DDX  | 110 x 1"     | 16 | 6     | 15 B  |
| 01521100EEX  | 110 x 1 1/4" | 16 | 6     | 15 B  |
| 01521100FFX  | 110 x 1 1/2" | 16 | 6     | 15 B  |
| 01521100GGX  | 110 x 2"     | 16 | 6     | 15 B  |
| 01521100LLX  | 110 x 3"     | 10 | 6     | 12 B  |
| 01521250CCX  | 125 x 3/4"   | 16 | 6     | 15 B  |
| 01521250DDX  | 125 x 1"     | 16 | 6     | 15 B  |
| 01521250EEX  | 125 x 1 1/4" | 16 | 6     | 15 B  |
| 01521250FFX  | 125 x 1 1/2" | 16 | 6     | 12 B  |
| 01521250GGX  | 125 x 2"     | 16 | 6     | 12 B  |
| 01521250LLX  | 125 x 3"     | 10 | 6     | 12 B  |
| 01521400CCX  | 140 x 3/4"   | 16 | 6     | 12 B  |
| 01521400DDX  | 140 x 1"     | 16 | 6     | 12 B  |
| 01521400EEX  | 140 x 1 1/4" | 16 | 6     | 12 B  |
| 01521400FFX  | 140 x 1 1/2" | 16 | 6     | 12 B  |
| 01521400GGX  | 140 x 2"     | 16 | 6     | 12 B  |
| 01521400LLX  | 140 x 3"     | 10 | 6     | 10 B  |
| 01521600BBX  | 160 x 1/2"   | 16 | 6     | 10 B  |
| 01521600CCX  | 160 x 3/4"   | 16 | 6     | 10 B  |
| 01521600DDX  | 160 x 1"     | 16 | 6     | 10 B  |
| 01521600EEX  | 160 x 1 1/4" | 16 | 6     | 10 B  |
| 01521600FFX  | 160 x 1 1/2" | 16 | 6     | 10 B  |
| 01521600GGX  | 160 x 2"     | 16 | 6     | 10 B  |
| 01521600LLX  | 160 x 3"     | 10 | 6     | 8 B   |
| 01521800DDX  | 180 x 1"     | 10 | 6     | 6 B   |
| 01521800GGX  | 180 x 2"     | 10 | 6     | 6 B   |
| 01521800LLX  | 180 x 3"     | 8  | 6     | 6 B   |
| 01522000DDX  | 200 x 1"     | 10 | 6     | 4 B   |
| 01522000FFX  | 200 x 1 1/2" | 10 | 6     | 4 B   |
| 01522000GGX  | 200 x 2"     | 10 | 6     | 4 B   |
| 01522000LLX  | 200 x 3"     | 8  | 6     | 4 B   |
| 01522000MMX  | 200 x 4"     | 8  | 6     | 4 B   |
| 015222500FFX | 225 x 1 1/2" | 10 | 6     | 4 B   |
| 015222500GGX | 225 x 2"     | 10 | 6     | 4 B   |
| 015225000GGX | 250 x 2"     | 10 | 6     | 3 B   |

## Pres a staffa

Clamp saddles / Collier de prise / Toma abrazadera



**CODE: 0154**    **Ø (mm) x D"**    **PN**    **BOLTS**    **PACK**

|                 |              |    |   |       |
|-----------------|--------------|----|---|-------|
| 015402500BX     | 25 x 1/2"    | 16 | 2 | 180 B |
| 015402500CX     | 25 x 3/4"    | 16 | 2 | 180 B |
| 015403200BX     | 32 x 1/2"    | 16 | 2 | 150 B |
| 015403200CX     | 32 x 3/4"    | 16 | 2 | 150 B |
| 015403200DX     | 32 x 1"      | 16 | 2 | 120 B |
| 015404000BX     | 40 x 1/2"    | 16 | 2 | 100 B |
| 015404000CX     | 40 x 3/4"    | 16 | 2 | 100 B |
| 015404000DX     | 40 x 1"      | 16 | 2 | 100 B |
| 015405000BX     | 50 x 1/2"    | 16 | 4 | 80 B  |
| 015405000CX     | 50 x 3/4"    | 16 | 4 | 80 B  |
| 015405000DX     | 50 x 1"      | 16 | 4 | 80 B  |
| 015406300BX     | 63 x 1/2"    | 16 | 4 | 50 B  |
| 015406300CX     | 63 x 3/4"    | 16 | 4 | 50 B  |
| 015406300DX     | 63 x 1"      | 16 | 4 | 50 B  |
| 015406300EX     | 63 x 1 1/4"  | 16 | 4 | 50 B  |
| 015406300FX     | 63 x 1 1/2"  | 16 | 4 | 40 B  |
| 015407500BX     | 75 x 1/2"    | 16 | 4 | 40 B  |
| 015407500CX     | 75 x 3/4"    | 16 | 4 | 40 B  |
| 015407500DX     | 75 x 1"      | 16 | 4 | 40 B  |
| 015407500EX     | 75 x 1 1/4"  | 16 | 4 | 40 B  |
| 015407500FX     | 75 x 1 1/2"  | 16 | 4 | 35 B  |
| 015407500GX     | 75 x 2"      | 16 | 4 | 30 B  |
| 015409000BX     | 90 x 1/2"    | 16 | 4 | 30 B  |
| 015409000CX     | 90 x 3/4"    | 16 | 4 | 30 B  |
| 015409000DX     | 90 x 1"      | 16 | 4 | 30 B  |
| 015409000EX     | 90 x 1 1/4"  | 16 | 4 | 30 B  |
| 015409000FX     | 90 x 1 1/2"  | 16 | 4 | 25 B  |
| 015409000GX     | 90 x 2"      | 16 | 4 | 25 B  |
| 015411000BX     | 110 x 1/2"   | 16 | 6 | 20 B  |
| 015411000CX     | 110 x 3/4"   | 16 | 6 | 20 B  |
| 015411000DX     | 110 x 1"     | 16 | 6 | 20 B  |
| 015411000EX     | 110 x 1 1/4" | 16 | 6 | 20 B  |
| 015411000FX     | 110 x 1 1/2" | 16 | 6 | 15 B  |
| 015411000GX     | 110 x 2"     | 16 | 6 | 15 B  |
| 015411000LX     | 110 x 3"     | 10 | 6 | 10 B  |
| 015412500CX     | 125 x 3/4"   | 16 | 6 | 18 B  |
| 015412500DX     | 125 x 1"     | 16 | 6 | 18 B  |
| 015412500EX     | 125 x 1 1/4" | 16 | 6 | 18 B  |
| 015412500FX     | 125 x 1 1/2" | 16 | 6 | 14 B  |
| 015412500GX     | 125 x 2"     | 16 | 6 | 14 B  |
| 015412500LX     | 125 x 3"     | 10 | 6 | 14 B  |
| 015414000CX     | 140 x 3/4"   | 16 | 6 | 12 B  |
| 015414000DX     | 140 x 1"     | 16 | 6 | 12 B  |
| 015414000EX     | 140 x 1 1/4" | 16 | 6 | 12 B  |
| 015414000FX     | 140 x 1 1/2" | 16 | 6 | 12 B  |
| 015414000GX     | 140 x 2"     | 16 | 6 | 12 B  |
| 015414000LX     | 140 x 3"     | 10 | 6 | 10 B  |
| 015416000BX     | 160 x 1/2"   | 16 | 6 | 10 B  |
| 015416000CX     | 160 x 3/4"   | 16 | 6 | 10 B  |
| 015416000DX     | 160 x 1"     | 16 | 6 | 10 B  |
| 015416000EX     | 160 x 1 1/4" | 16 | 6 | 10 B  |
| 015416000FX     | 160 x 1 1/2" | 16 | 6 | 10 B  |
| 015416000GX     | 160 x 2"     | 16 | 6 | 10 B  |
| 015416000LX     | 160 x 3"     | 10 | 6 | 8 B   |
| 015418000DX     | 180 x 1"     | 10 | 6 | 8 B   |
| 015418000GX     | 180 x 2"     | 10 | 6 | 8 B   |
| 015418000LX     | 180 x 3"     | 8  | 6 | 8 B   |
| 015420000DX     | 200 x 1"     | 10 | 6 | 4 B   |
| 015420000FX     | 200 x 1 1/2" | 10 | 6 | 4 B   |
| 015420000GX     | 200 x 2"     | 10 | 6 | 4 B   |
| 015420000LX     | 200 x 3"     | 8  | 6 | 4 B   |
| 015420000MX     | 200 x 4"     | 8  | 6 | 4 B   |
| 015422500FX     | 225 x 1" 1/2 | 10 | 6 | 4 B   |
| 015422500GX     | 225 x 2"     | 10 | 6 | 4 B   |
| 015422500LX     | 225 x 3"     | 8  | 6 | 4 B   |
| 015422500MX     | 225 x 4"     | 8  | 6 | 4 B   |
| 015425000FX     | 250 x 1 1/2" | 10 | 6 | 3 B   |
| 015425000GX     | 250 x 2"     | 10 | 6 | 3 B   |
| 015425000LX     | 250 x 3"     | 8  | 6 | 3 B   |
| 015425000MX     | 250 x 4"     | 8  | 6 | 3 B   |
| NEW 015428000FX | 280 x 1 1/2" | 10 | 6 | 2 B   |
| NEW 015428000GX | 280 x 2"     | 10 | 6 | 2 B   |
| 015431500FX     | 315 x 1 1/2" | 10 | 6 | 2 B   |
| 015431500GX     | 315 x 2"     | 10 | 6 | 2 B   |
| 015431500LX     | 315 x 3"     | 8  | 6 | 2 B   |
| 015431500MX     | 315 x 4"     | 8  | 6 | 2 B   |

# S-saddle 12,5

## Pres a staffa

Clamp saddles / Collier de prise / Toma abrazadera



**Bulloni zincati**  
Galvanized bolts  
Boulons galvanisés  
Tuercas galvanizadas

## Pres a staffa doppia

Double clamp saddles / Collier de prise double  
Toma abrazadera doble



**Bulloni zincati**  
Galvanized bolts  
Boulons galvanisés  
Tuercas galvanizadas

| CODE: 0148 | Ø (mm) x D"  | PN   | BOLTS | PACK  |
|------------|--------------|------|-------|-------|
| 014802500B | 25 x 1/2"    | 12,5 | 2     | 180 B |
| 014802500C | 25 x 3/4"    | 12,5 | 2     | 180 B |
| 014803200B | 32 x 1/2"    | 12,5 | 2     | 150 B |
| 014803200C | 32 x 3/4"    | 12,5 | 2     | 150 B |
| 014803200D | 32 x 1"      | 12,5 | 2     | 120 B |
| 014804000B | 40 x 1/2"    | 12,5 | 2     | 100 B |
| 014804000C | 40 x 3/4"    | 12,5 | 2     | 100 B |
| 014804000D | 40 x 1"      | 12,5 | 2     | 100 B |
| 014805000B | 50 x 1/2"    | 12,5 | 4     | 80 B  |
| 014805000C | 50 x 3/4"    | 12,5 | 4     | 80 B  |
| 014805000D | 50 x 1"      | 12,5 | 4     | 80 B  |
| 014806300B | 63 x 1/2"    | 12,5 | 4     | 50 B  |
| 014806300C | 63 x 3/4"    | 12,5 | 4     | 50 B  |
| 014806300D | 63 x 1"      | 12,5 | 4     | 50 B  |
| 014806300E | 63 x 1 1/4"  | 12,5 | 4     | 50 B  |
| 014806300F | 63 x 1 1/2"  | 12,5 | 4     | 40 B  |
| 014807500B | 75 x 1/2"    | 12,5 | 4     | 40 B  |
| 014807500C | 75 x 3/4"    | 12,5 | 4     | 40 B  |
| 014807500D | 75 x 1"      | 12,5 | 4     | 40 B  |
| 014807500E | 75 x 1 1/4"  | 12,5 | 4     | 40 B  |
| 014807500F | 75 x 1 1/2"  | 12,5 | 4     | 35 B  |
| 014807500G | 75 x 2"      | 12,5 | 4     | 30 B  |
| 014809000B | 90 x 1/2"    | 12,5 | 4     | 30 B  |
| 014809000C | 90 x 3/4"    | 12,5 | 4     | 30 B  |
| 014809000D | 90 x 1"      | 12,5 | 4     | 30 B  |
| 014809000E | 90 x 1 1/4"  | 12,5 | 4     | 30 B  |
| 014809000F | 90 x 1 1/2"  | 12,5 | 4     | 25 B  |
| 014809000G | 90 x 2"      | 12,5 | 4     | 25 B  |
| 014811000B | 110 x 1/2"   | 12,5 | 6     | 20 B  |
| 014811000C | 110 x 3/4"   | 12,5 | 6     | 20 B  |
| 014811000D | 110 x 1"     | 12,5 | 6     | 20 B  |
| 014811000E | 110 x 1 1/4" | 12,5 | 6     | 20 B  |
| 014811000F | 110 x 1 1/2" | 12,5 | 6     | 15 B  |
| 014811000G | 110 x 2"     | 12,5 | 6     | 15 B  |
| 014812500C | 125 x 3/4"   | 10   | 6     | 18 B  |
| 014812500D | 125 x 1"     | 10   | 6     | 18 B  |
| 014812500E | 125 x 1 1/4" | 10   | 6     | 18 B  |
| 014812500F | 125 x 1 1/2" | 10   | 6     | 14 B  |
| 014812500G | 125 x 2"     | 10   | 6     | 14 B  |
| 014814000C | 140 x 3/4"   | 10   | 6     | 12 B  |
| 014814000D | 140 x 1"     | 10   | 6     | 12 B  |
| 014814000E | 140 x 1 1/4" | 10   | 6     | 12 B  |
| 014814000F | 140 x 1 1/2" | 10   | 6     | 12 B  |
| 014814000G | 140 x 2"     | 10   | 6     | 12 B  |
| 014816000B | 160 x 1/2"   | 10   | 6     | 10 B  |
| 014816000C | 160 x 3/4"   | 10   | 6     | 10 B  |
| 014816000D | 160 x 1"     | 10   | 6     | 10 B  |
| 014816000E | 160 x 1 1/4" | 10   | 6     | 10 B  |
| 014816000F | 160 x 1 1/2" | 10   | 6     | 10 B  |
| 014816000G | 160 x 2"     | 10   | 6     | 10 B  |
| 014816000L | 160 x 3"     | 10   | 6     | 8 B   |

| CODE: 0149 | Ø (mm) x D"  | PN   | BOLTS | PACK  |
|------------|--------------|------|-------|-------|
| 01490250BB | 25 x 1/2"    | 12,5 | 2     | 150 B |
| 01490250CC | 25 x 3/4"    | 12,5 | 2     | 150 B |
| 01490320BB | 32 x 1/2"    | 12,5 | 2     | 120 B |
| 01490320CC | 32 x 3/4"    | 12,5 | 2     | 120 B |
| 01490320DD | 32 x 1"      | 12,5 | 2     | 100 B |
| 01490400BB | 40 x 1/2"    | 12,5 | 2     | 80 B  |
| 01490400CC | 40 x 3/4"    | 12,5 | 2     | 80 B  |
| 01490400DD | 40 x 1"      | 12,5 | 2     | 80 B  |
| 01490500BB | 50 x 1/2"    | 12,5 | 4     | 60 B  |
| 01490500CC | 50 x 3/4"    | 12,5 | 4     | 60 B  |
| 01490500DD | 50 x 1"      | 12,5 | 4     | 60 B  |
| 01490630BB | 63 x 1/2"    | 12,5 | 4     | 40 B  |
| 01490630CC | 63 x 3/4"    | 12,5 | 4     | 40 B  |
| 01490630DD | 63 x 1"      | 12,5 | 4     | 40 B  |
| 01490630EE | 63 x 1 1/4"  | 12,5 | 4     | 40 B  |
| 01490630FF | 63 x 1 1/2"  | 12,5 | 4     | 35 B  |
| 01490750BB | 75 x 1/2"    | 12,5 | 4     | 35 B  |
| 01490750CC | 75 x 3/4"    | 12,5 | 4     | 35 B  |
| 01490750DD | 75 x 1"      | 12,5 | 4     | 35 B  |
| 01490750EE | 75 x 1 1/4"  | 12,5 | 4     | 35 B  |
| 01490750FF | 75 x 1 1/2"  | 12,5 | 4     | 30 B  |
| 01490750GG | 75 x 2"      | 12,5 | 4     | 25 B  |
| 01490900BB | 90 x 1/2"    | 12,5 | 4     | 25 B  |
| 01490900CC | 90 x 3/4"    | 12,5 | 4     | 25 B  |
| 01490900DD | 90 x 1"      | 12,5 | 4     | 25 B  |
| 01490900EE | 90 x 1 1/4"  | 12,5 | 4     | 20 B  |
| 01490900FF | 90 x 1 1/2"  | 12,5 | 4     | 20 B  |
| 01490900GG | 90 x 2"      | 12,5 | 4     | 20 B  |
| 01491100BB | 110 x 1/2"   | 12,5 | 6     | 15 B  |
| 01491100CC | 110 x 3/4"   | 12,5 | 6     | 15 B  |
| 01491100DD | 110 x 1"     | 12,5 | 6     | 15 B  |
| 01491100EE | 110 x 1 1/4" | 12,5 | 6     | 15 B  |
| 01491100FF | 110 x 1 1/2" | 12,5 | 6     | 15 B  |
| 01491100GG | 110 x 2"     | 12,5 | 6     | 15 B  |
| 01491250CC | 125 x 3/4"   | 10   | 6     | 15 B  |
| 01491250DD | 125 x 1"     | 10   | 6     | 15 B  |
| 01491250EE | 125 x 1 1/4" | 10   | 6     | 15 B  |
| 01491250FF | 125 x 1 1/2" | 10   | 6     | 12 B  |
| 01491250GG | 125 x 2"     | 10   | 6     | 12 B  |
| 01491400CC | 140 x 3/4"   | 10   | 6     | 12 B  |
| 01491400DD | 140 x 1"     | 10   | 6     | 12 B  |
| 01491400EE | 140 x 1 1/4" | 10   | 6     | 12 B  |
| 01491400FF | 140 x 1 1/2" | 10   | 6     | 12 B  |
| 01491400GG | 140 x 2"     | 10   | 6     | 8 B   |
| 01491600BB | 160 x 1/2"   | 10   | 6     | 10 B  |
| 01491600CC | 160 x 3/4"   | 10   | 6     | 14 B  |
| 01491600DD | 160 x 1"     | 10   | 6     | 14 B  |
| 01491600EE | 160 x 1 1/4" | 10   | 6     | 14 B  |
| 01491600FF | 160 x 1 1/2" | 10   | 6     | 12 B  |
| 01491600GG | 160 x 2"     | 10   | 6     | 12 B  |
| 01491600LL | 160 x 3"     | 10   | 6     | 8 B   |

# S-saddle 10

## Pres a staffa

Clamp saddles / Collier de prise / Toma abrazadera



| CODE: 0141 | Ø (mm) x D"  | PN | BOLTS | PACK  |
|------------|--------------|----|-------|-------|
| 014102500B | 25 x 1/2"    | 10 | 2     | 200 B |
| 014102500C | 25 x 3/4"    | 10 | 2     | 200 B |
| 014103200B | 32 x 1/2"    | 10 | 2     | 150 B |
| 014103200C | 32 x 3/4"    | 10 | 2     | 150 B |
| 014104000B | 40 x 1/2"    | 10 | 2     | 120 B |
| 014104000C | 40 x 3/4"    | 10 | 2     | 120 B |
| 014104000D | 40 x 1"      | 10 | 2     | 120 B |
| 014105000B | 50 x 1/2"    | 10 | 2     | 100 B |
| 014105000C | 50 x 3/4"    | 10 | 2     | 100 B |
| 014105000D | 50 x 1"      | 10 | 2     | 100 B |
| 014106300B | 63 x 1/2"    | 10 | 4     | 50 B  |
| 014106300C | 63 x 3/4"    | 10 | 4     | 50 B  |
| 014106300D | 63 x 1"      | 10 | 4     | 50 B  |
| 014106300E | 63 x 1 1/4"  | 10 | 4     | 50 B  |
| 014107500B | 75 x 1/2"    | 10 | 4     | 40 B  |
| 014107500C | 75 x 3/4"    | 10 | 4     | 40 B  |
| 014107500D | 75 x 1"      | 10 | 4     | 40 B  |
| 014107500E | 75 x 1 1/4"  | 10 | 4     | 40 B  |
| 014109000B | 90 x 1/2"    | 10 | 4     | 30 B  |
| 014109000C | 90 x 3/4"    | 10 | 4     | 30 B  |
| 014109000D | 90 x 1"      | 10 | 4     | 30 B  |
| 014109000E | 90 x 1 1/4"  | 10 | 4     | 30 B  |
| 014111000B | 110 x 1/2"   | 10 | 4     | 20 B  |
| 014111000C | 110 x 3/4"   | 10 | 4     | 20 B  |
| 014111000D | 110 x 1"     | 10 | 4     | 20 B  |
| 014111000E | 110 x 1 1/4" | 10 | 4     | 20 B  |

## Pres a staffa doppia

Double clamp saddles / Collier de prise double  
Toma abrazadera doble



| CODE: 0146 | Ø (mm) x D"  | PN | BOLTS | PACK  |
|------------|--------------|----|-------|-------|
| 01460250BB | 25 x 1/2"    | 10 | 2     | 180 B |
| 01460250CC | 25 x 3/4"    | 10 | 2     | 180 B |
| 01460320BB | 32 x 1/2"    | 10 | 2     | 130 B |
| 01460320CC | 32 x 3/4"    | 10 | 2     | 130 B |
| 01460400BB | 40 x 1/2"    | 10 | 2     | 100 B |
| 01460400CC | 40 x 3/4"    | 10 | 2     | 100 B |
| 01460400DD | 40 x 1"      | 10 | 2     | 100 B |
| 01460500BB | 50 x 1/2"    | 10 | 2     | 80 B  |
| 01460500CC | 50 x 3/4"    | 10 | 2     | 80 B  |
| 01460500DD | 50 x 1"      | 10 | 2     | 80 B  |
| 01460630BB | 63 x 1/2"    | 10 | 4     | 40 B  |
| 01460630CC | 63 x 3/4"    | 10 | 4     | 40 B  |
| 01460630DD | 63 x 1"      | 10 | 4     | 40 B  |
| 01460630EE | 63 x 1 1/4"  | 10 | 4     | 40 B  |
| 01460750BB | 75 x 1/2"    | 10 | 4     | 35 B  |
| 01460750CC | 75 x 3/4"    | 10 | 4     | 35 B  |
| 01460750DD | 75 x 1"      | 10 | 4     | 35 B  |
| 01460750EE | 75 x 1 1/4"  | 10 | 4     | 35 B  |
| 01460900BB | 90 x 1/2"    | 10 | 4     | 25 B  |
| 01460900CC | 90 x 3/4"    | 10 | 4     | 25 B  |
| 01460900DD | 90 x 1"      | 10 | 4     | 25 B  |
| 01460900EE | 90 x 1 1/4"  | 10 | 4     | 25 B  |
| 01461100BB | 110 x 1/2"   | 10 | 4     | 15 B  |
| 01461100CC | 110 x 3/4"   | 10 | 4     | 15 B  |
| 01461100DD | 110 x 1"     | 10 | 4     | 15 B  |
| 01461100EE | 110 x 1 1/4" | 10 | 4     | 15 B  |

# Plug&Play®

## Raccordi Push-fit

Push-fit fittings for PE pipe  
Raccords d'accouplement Push-fit  
Accesorios Push-fit



### VANTAGGI

Semplice, veloce, affidabile  
Niente saldature, né serraggi  
Disponibile fino al Ø 250mm

### ADVANTAGES

Simple, quick, reliable  
No welding, no tightening  
Now available up to Ø 250mm

### AVANTAGES

Simple, rapide, fiable  
Pas de soudure, pas de serrage  
Disponible jusqu'à Ø 250mm

### VENTAJAS

Simple, veloz, fiable  
Sin soldaduras, ni roscas  
Disponible hasta el Ø 250mm



### Anello di aggraffaggio

Grip ring / Bague d'agrafage  
Cono de fijación  
[POM]

### Guarnizione

Gasket / Joint / Junta  
EPDM 70sh A

### Corpo

Body / Corp / Cuerpo  
[PP / PE100]



### Acqua potabile

Potable water  
Eau potable  
Agua potable

### Normative

Standards / Normes / Normas

UNI9561 / AS/NZS4129 / BRL-K 17105  
DVGW GW 335-B3 / ISO17885 / UNI EN 10226-1 (ISO7/1)

## Manicotto

Coupler  
Manchon  
Manguito

PP



| CODE: PP105  | PN | Ø   | D   | L   | PACK         |
|--------------|----|-----|-----|-----|--------------|
| PP105020000S | 16 | 20  | 37  | 75  | 150 C - 10 P |
| PP105025000S | 16 | 25  | 44  | 81  | 100 C - 10 P |
| PP105032000S | 16 | 32  | 53  | 92  | 60 C - 5 P   |
| PP105040000S | 16 | 40  | 66  | 128 | 36 C - 2 P   |
| PP105050000S | 16 | 50  | 78  | 144 | 20 C - 2 P   |
| PP105063000S | 16 | 63  | 97  | 165 | 12 C         |
| PP105075000S | 16 | 75  | 112 | 200 | 15 B         |
| PP105090000S | 16 | 90  | 134 | 219 | 10 B         |
| PP105110000S | 16 | 110 | 162 | 238 | 6 B          |
| PP105125000S | 16 | 125 | 179 | 250 | 5 B          |
| PP105140000S | 16 | 140 | 190 | 270 | 3 B          |
| PP105160000S | 16 | 160 | 220 | 303 | 2 B          |
| PP105180000S | 16 | 180 | 245 | 304 | 2 B          |
| PP105200000S | 10 | 200 | 266 | 362 | 1            |
| PP105225000S | 10 | 225 | 298 | 377 | 1            |
| PP105250000S | 10 | 250 | 325 | 441 | 1            |

## Manicotto ridotto

Reducing coupling  
Manchon réduit  
Manguito reducido

PP



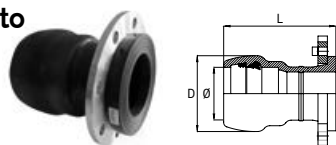
| CODE: PP110   | PN | Ø x Ø     | D   | L   | PACK         |
|---------------|----|-----------|-----|-----|--------------|
| PP110025020S  | 16 | 25 x 20   | 44  | 84  | 100 C - 10 P |
| PP110032025S  | 16 | 32 x 25   | 53  | 94  | 70 C - 5 P   |
| PP110040032S  | 16 | 40 x 32   | 66  | 120 | 36 C - 2 P   |
| PP110050040S  | 16 | 50 x 40   | 78  | 146 | 24 C - 2 P   |
| PP110063050S  | 16 | 63 x 50   | 97  | 165 | 12 C         |
| <b>PE 100</b> |    |           |     |     |              |
| *PP111110090S | 16 | 110 x 90  | 162 | 454 | 1            |
| *PP111125110S | 16 | 125 x 110 | 179 | 481 | 1            |
| *PP111140125S | 16 | 140 x 125 | 190 | 509 | 1            |
| *PP111160125S | 16 | 160 x 125 | 220 | 538 | 1            |
| *PP111160140S | 16 | 160 x 140 | 220 | 547 | 1            |
| *PP111180160S | 16 | 180 x 160 | 240 | 583 | 1            |
| *PP111200180S | 10 | 200 x 180 | 260 | 632 | 1            |
| *PP111200160S | 10 | 200 x 160 | 260 | 627 | 1            |
| *PP111225200S | 10 | 225 x 200 | 285 | 687 | 1            |
| *PP111225180S | 10 | 225 x 180 | 285 | 666 | 1            |
| *PP111250225S | 10 | 250 x 225 | 314 | 708 | 1            |
| *PP111250200S | 10 | 250 x 200 | 314 | 705 | 1            |



## Raccordo flangiato

Flanged adaptor  
Joint à bride  
Enlace bridado

PE100



| CODE: PP135  | PN | Ø   | DN  | D   | L   | PACK |
|--------------|----|-----|-----|-----|-----|------|
| PP135090080S | 16 | 90  | 80  | 131 | 205 | 15 A |
| PP135110080S | 16 | 110 | 100 | 160 | 230 | 13 A |
| PP135125080S | 16 | 125 | 100 | 178 | 240 | 13 A |
| PP135140080S | 16 | 140 | 125 | 192 | 255 | 12 A |
| PP135160080S | 16 | 160 | 150 | 217 | 275 | 12 A |
| PP135180080S | 16 | 180 | 150 | 240 | 285 | 1    |
| PP135200080S | 10 | 200 | 200 | 260 | 350 | 1    |
| PP135225080S | 10 | 225 | 200 | 285 | 370 | 1    |
| PP135250080S | 10 | 250 | 250 | 314 | 390 | 1    |

## Bicchiera

Socket  
Mono joint  
Enlace a soldar

PE100

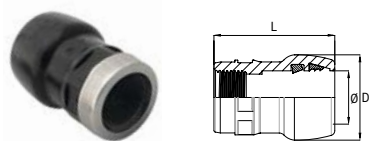


| CODE: PP161  | PN | Ø   | D   | L   | PACK |
|--------------|----|-----|-----|-----|------|
| PP161090000S | 16 | 90  | 132 | 146 | 15 B |
| PP161110000S | 16 | 110 | 161 | 164 | 8 B  |
| PP161125000S | 16 | 125 | 176 | 176 | 6 B  |
| PP161140000S | 16 | 140 | 189 | 190 | 5 B  |
| PP161160000S | 16 | 160 | 232 | 215 | 4 B  |
| PP161180000S | 16 | 180 | 233 | 220 | 1    |
| PP161200010S | 10 | 200 | 262 | 237 | 1    |
| PP161225010S | 10 | 225 | 296 | 273 | 1    |
| PP161250010S | 10 | 250 | 319 | 310 | 1    |

## Raccordo f/f

Female adaptor  
Raccord taraudé  
Empalme hembra

PP

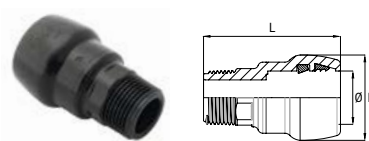


| CODE: PP100   | PN | Ø x D"      | D  | L   | PACK         |
|---------------|----|-------------|----|-----|--------------|
| PP10002000BS  | 16 | 20 x 1/2"   | 37 | 62  | 250 C - 10 P |
| PP10002000CS  | 16 | 20 x 3/4"   | 37 | 68  | 250 C - 10 P |
| PP10002500BS  | 16 | 25 x 1/2"   | 44 | 65  | 130 C - 10 P |
| PP10002500CS  | 16 | 25 x 3/4"   | 44 | 67  | 130 C - 10 P |
| PP10002500DS  | 16 | 25 x 1"     | 44 | 69  | 130 C - 10 P |
| PP10003200CS  | 16 | 32 x 3/4"   | 53 | 74  | 80 C - 5 P   |
| PP10003200DS  | 16 | 32 x 1"     | 53 | 75  | 80 C - 5 P   |
| PP10003200ES  | 16 | 32 x 1 1/4" | 53 | 86  | 70 C - 5 P   |
| *PP10004000DS | 16 | 40 x 1"     | 66 | 99  | 40 C - 2 P   |
| PP10004000ES  | 16 | 40 x 1 1/4" | 66 | 100 | 40 C - 2 P   |
| PP10004000FS  | 16 | 40 x 1 1/2" | 66 | 110 | 40 C - 2 P   |
| *PP10005000FS | 16 | 50 x 1 1/2" | 78 | 112 | 24 C - 2 P   |
| PP10005000GS  | 16 | 50 x 2"     | 78 | 120 | 24 C - 2 P   |
| *PP10006300FS | 16 | 63 x 1 1/2" | 97 | 128 | 18 C         |
| PP10006300GS  | 16 | 63 x 2"     | 97 | 125 | 18 C         |

## Raccordo f/m

Male adaptor  
Raccord fileté  
Empalme macho

PP



| CODE: PP095   | PN | Ø x D"      | D  | L   | PACK         |
|---------------|----|-------------|----|-----|--------------|
| PP09502000BS  | 16 | 20 x 1/2"   | 37 | 67  | 250 C - 10 P |
| PP09502000CS  | 16 | 20 x 3/4"   | 37 | 66  | 250 C - 10 P |
| PP09502500BS  | 16 | 25 x 1/2"   | 44 | 73  | 130 C - 10 P |
| PP09502500CS  | 16 | 25 x 3/4"   | 44 | 72  | 130 C - 10 P |
| PP09502500DS  | 16 | 25 x 1"     | 44 | 74  | 130 C - 10 P |
| PP09503200CS  | 16 | 32 x 3/4"   | 53 | 80  | 80 C - 5 P   |
| PP09503200DS  | 16 | 32 x 1"     | 53 | 85  | 80 C - 5 P   |
| *PP09503200ES | 16 | 32 x 1 1/4" | 53 | 87  | 70 C - 5 P   |
| PP09504000DS  | 16 | 40 x 1"     | 66 | 105 | 40 C - 2 P   |
| PP09504000ES  | 16 | 40 x 1 1/4" | 66 | 109 | 40 C - 2 P   |
| *PP09504000FS | 16 | 40 x 1 1/2" | 66 | 109 | 40 C - 2 P   |
| PP09505000FS  | 16 | 50 x 1 1/2" | 78 | 121 | 24 C - 2 P   |
| *PP09505000GS | 16 | 50 x 2"     | 78 | 122 | 24 C - 2 P   |
| PP09506300FS  | 16 | 63 x 1 1/2" | 97 | 133 | 18 C         |
| PP09506300GS  | 16 | 63 x 2"     | 97 | 139 | 18 C         |

\*disponibile su richiesta / available upon request.

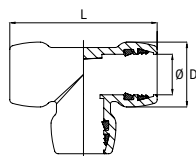
## T a 90°

90° tee

Tè à 90°

T a 90°

PP



| CODE: PP080  | PN | Ø  | D  | L   | PACK        |
|--------------|----|----|----|-----|-------------|
| PP080020020S | 16 | 20 | 37 | 92  | 90 C - 10 P |
| PP080025025S | 16 | 25 | 44 | 106 | 50 C - 10 P |
| PP080032032S | 16 | 32 | 53 | 120 | 30 C - 5 P  |
| PP080040040S | 16 | 40 | 66 | 165 | 14 C - 2 P  |
| PP080050050S | 16 | 50 | 79 | 190 | 8 C - 2 P   |
| PP080063063S | 16 | 63 | 99 | 220 | 5 C         |

### PE 100

|               |    |     |     |      |   |
|---------------|----|-----|-----|------|---|
| *PP081090000S | 16 | 90  | 134 | 562  | 1 |
| *PP081110000S | 16 | 110 | 162 | 614  | 1 |
| *PP081125000S | 16 | 125 | 179 | 659  | 1 |
| *PP081140000S | 16 | 140 | 190 | 706  | 1 |
| *PP081160000S | 16 | 160 | 220 | 775  | 1 |
| *PP081180000S | 16 | 180 | 240 | 825  | 1 |
| *PP081200010S | 10 | 200 | 260 | 913  | 1 |
| *PP081225010S | 10 | 225 | 285 | 978  | 1 |
| *PP081250010S | 10 | 250 | 314 | 1032 | 1 |

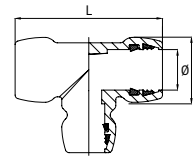
## T a 90° ridotto

Reduced tee

Tè à 90° réduit

T a 90° reducido

PP



| CODE: PP075  | PN | Ø x Ø   | D  | L   | PACK        |
|--------------|----|---------|----|-----|-------------|
| PP075025020S | 16 | 25 x 20 | 44 | 106 | 50 C - 10 P |
| PP075032025S | 16 | 32 x 25 | 53 | 120 | 30 C - 5 P  |
| PP075040032S | 16 | 40 x 32 | 66 | 165 | 14 C - 2 P  |
| PP075050040S | 16 | 50 x 40 | 79 | 190 | 8 C - 2 P   |
| PP075063050S | 16 | 63 x 50 | 99 | 220 | 5 C         |

### PE 100

|               |    |           |     |     |   |
|---------------|----|-----------|-----|-----|---|
| *PP076110090S | 16 | 110 x 90  | 110 | 162 | 1 |
| *PP076125090S | 16 | 125 x 90  | 125 | 179 | 1 |
| *PP076140090S | 16 | 140 x 90  | 140 | 190 | 1 |
| *PP076160125S | 16 | 160 x 125 | 160 | 220 | 1 |
| *PP076180125S | 16 | 180 x 125 | 180 | 240 | 1 |
| *PP076200160S | 10 | 200 x 160 | 200 | 260 | 1 |
| *PP076225160S | 10 | 225 x 160 | 225 | 285 | 1 |
| *PP076250160S | 10 | 250 x 160 | 250 | 314 | 1 |

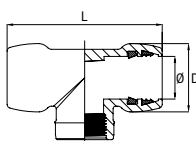
## T a 90° f/f

Female tee

Tè à 90° taraudée

T a 90° hembra

PP



| CODE: PP085   | PN | Ø x D"      | D  | L   | PACK         |
|---------------|----|-------------|----|-----|--------------|
| PP08502000BS  | 16 | 20 x 1/2"   | 37 | 92  | 100 C - 10 P |
| *PP08502000CS | 16 | 20 x 3/4"   | 37 | 92  | 100 C - 10 P |
| *PP08502500BS | 16 | 25 x 1/2"   | 44 | 106 | 50 C - 10 P  |
| PP08502500CS  | 16 | 25 x 3/4"   | 44 | 106 | 50 C - 10 P  |
| *PP08502500DS | 16 | 25 x 1"     | 44 | 106 | 40 C - 10 P  |
| *PP08503200CS | 16 | 32 x 3/4"   | 53 | 120 | 30 C - 5 P   |
| PP08503200DS  | 16 | 32 x 1"     | 53 | 120 | 30 C - 5 P   |
| *PP08504000DS | 16 | 40 x 1"     | 66 | 165 | 20 C - 2 P   |
| PP08504000ES  | 16 | 40 x 1 1/4" | 66 | 165 | 20 C - 2 P   |
| PP08505000FS  | 16 | 50 x 1 1/2" | 79 | 190 | 12 C - 2 P   |
| *PP08506300FS | 16 | 63 x 1 1/2" | 97 | 220 | 8 C          |
| PP08506300GS  | 16 | 63 x 2"     | 97 | 220 | 8 C          |

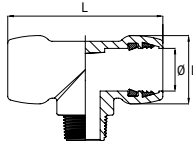
## T a 90° f/m

Male tee

Tè à 90° fileté

T a 90° macho

PP

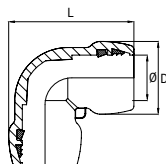


| CODE: PP090  | PN | Ø x D"      | D  | L   | PACK         |
|--------------|----|-------------|----|-----|--------------|
| PP09002000BS | 16 | 20 x 1/2"   | 37 | 92  | 100 C - 10 P |
| PP09002500CS | 16 | 25 x 3/4"   | 44 | 106 | 50 C - 10 P  |
| PP09003200DS | 16 | 32 x 1"     | 53 | 120 | 30 C - 5 P   |
| PP09004000ES | 16 | 40 x 1 1/4" | 66 | 165 | 20 C - 2 P   |
| PP09005000FS | 16 | 50 x 1 1/2" | 79 | 190 | 12 C - 2 P   |
| PP09006300GS | 16 | 63 x 2"     | 97 | 220 | 8 C          |

\*disponibile su richiesta / available upon request.

## Gomito a 90°

90° elbow  
Coude à 90°  
Codo a 90°



PP

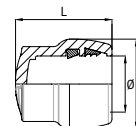
| CODE: PP120  | PN | Ø  | D  | L   | PACK         |
|--------------|----|----|----|-----|--------------|
| PP120020000S | 16 | 20 | 37 | 68  | 140 C - 10 P |
| PP120025000S | 16 | 25 | 44 | 78  | 90 C - 10 P  |
| PP120032000S | 16 | 32 | 53 | 91  | 50 C - 5 P   |
| PP120040000S | 16 | 40 | 66 | 119 | 20 C - 2 P   |
| PP120050000S | 16 | 50 | 78 | 137 | 12 C - 2 P   |
| PP120063000S | 16 | 63 | 97 | 165 | 9 C          |

### PE 100

|               |    |     |     |     |   |
|---------------|----|-----|-----|-----|---|
| *PP121090000S | 16 | 90  | 134 | 349 | 1 |
| *PP121110000S | 16 | 110 | 162 | 389 | 1 |
| *PP121125000S | 16 | 125 | 179 | 419 | 1 |
| *PP121140000S | 16 | 140 | 190 | 448 | 1 |
| *PP121160000S | 16 | 160 | 220 | 497 | 1 |
| *PP121180000S | 16 | 180 | 240 | 533 | 1 |
| *PP121200010S | 10 | 200 | 260 | 586 | 1 |
| *PP121225010S | 10 | 225 | 285 | 629 | 1 |
| *PP121250010S | 10 | 250 | 314 | 669 | 1 |

## Tappo

End plug  
Bouchon  
Tapón



PP

| CODE: PP115  | PN | Ø  | D  | L  | PACK         |
|--------------|----|----|----|----|--------------|
| PP115020000S | 16 | 20 | 37 | 45 | 300 C - 10 P |
| PP115025000S | 16 | 25 | 44 | 50 | 200 C - 10 P |
| PP115032000S | 16 | 32 | 53 | 57 | 100 C - 5 P  |
| PP115040000S | 16 | 40 | 66 | 76 | 60 C - 2 P   |
| PP115050000S | 16 | 50 | 78 | 86 | 36 C         |
| PP115063000S | 16 | 63 | 97 | 98 | 20 C         |

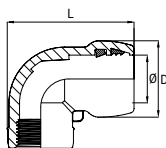
### PE 100

|               |    |     |     |     |   |
|---------------|----|-----|-----|-----|---|
| *PP116090000S | 16 | 90  | 134 | 233 | 1 |
| *PP116110000S | 16 | 110 | 162 | 236 | 1 |
| *PP116125000S | 16 | 125 | 179 | 261 | 1 |
| *PP116140000S | 16 | 140 | 190 | 266 | 1 |
| *PP116160000S | 16 | 160 | 220 | 288 | 1 |
| *PP116180000S | 16 | 180 | 240 | 313 | 1 |
| *PP116200010S | 10 | 200 | 260 | 348 | 1 |
| *PP116225010S | 10 | 225 | 285 | 363 | 1 |
| *PP116250010S | 10 | 250 | 314 | 379 | 1 |



## Gomito a 90° f/f

90° female elbow  
Coude à 90° taraudée  
Codo a 90° hembra



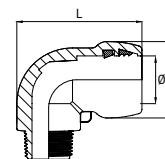
PP

| CODE: PP125   | PN | Ø x D"      | D  | L   | PACK         |
|---------------|----|-------------|----|-----|--------------|
| PP12502000BS  | 16 | 20 x 1/2"   | 37 | 65  | 160 C - 10 P |
| *PP12502000CS | 16 | 20 x 3/4"   | 37 | 69  | 140 C - 10 P |
| *PP12502500BS | 16 | 25 x 1/2"   | 44 | 73  | 100 C - 10 P |
| PP12502500CS  | 16 | 25 x 3/4"   | 44 | 75  | 100 C - 10 P |
| *PP12502500DS | 16 | 25 x 1"     | 44 | 79  | 80 C - 10 P  |
| *PP12503200CS | 16 | 32 x 3/4"   | 53 | 87  | 60 C - 5 P   |
| PP12503200DS  | 16 | 32 x 1"     | 53 | 88  | 60 C - 5 P   |
| *PP12504000DS | 16 | 40 x 1"     | 66 | 113 | 26 C - 2 P   |
| PP12504000ES  | 16 | 40 x 1 1/4" | 66 | 113 | 26 C - 2 P   |
| PP12505000FS  | 16 | 50 x 1 1/2" | 78 | 131 | 18 C - 2 P   |
| *PP12506300FS | 16 | 63 x 1 1/2" | 97 | 156 | 12 C         |
| PP12506300GS  | 16 | 63 x 2"     | 97 | 156 | 12 C         |

\*disponibile su richiesta / available upon request.

## Gomito a 90° f/m

90° male elbow  
Coude à 90° fileté  
Codo a 90° macho



PP

| CODE: PP130  | PN | Ø x D"      | D  | L   | PACK         |
|--------------|----|-------------|----|-----|--------------|
| PP13002000BS | 16 | 20 x 1/2"   | 37 | 64  | 160 C - 10 P |
| PP13002500CS | 16 | 25 x 3/4"   | 44 | 73  | 100 C - 10 P |
| PP13003200DS | 16 | 32 x 1"     | 53 | 87  | 60 C - 5 P   |
| PP13004000ES | 16 | 40 x 1 1/4" | 66 | 113 | 26 C - 2 P   |
| PP13005000FS | 16 | 50 x 1 1/2" | 78 | 131 | 18 C - 2 P   |
| PP13006300GS | 16 | 63 x 2"     | 97 | 156 | 12 C         |

## Inseritore

Inserting device  
Emboíteur  
Insertor



| CODE: 8870 | Ø min | Ø max | PACK |
|------------|-------|-------|------|
| 8870090160 | 90    | 180   | 1    |
| 8870160250 | 160   | 250   | 1    |

## Installazione

Installation / Installation  
Instalación



## Raccordi in PE 100 ed attrezzature per la saldatura

PE 100 fittings and welding equipment

Raccords en PE 100 et équipements pour souder

Accesorios en PE 100 y equipos para soldar



### VANTAGGI

Sistema completo  
Affidabile e duraturo  
Ideale per acquedotti e  
gasdotti

### ADVANTAGES

Complete system  
Reliable and durable  
Ideal for water and gas pipelines

### AVANTAGES

Système complet  
Fiabilité et durée de vie  
Idéal pour les conduites  
d'eau et de gaz

### VENTAJAS

Sistema completo  
Duradero y fiable  
Ideal para tuberías  
de agua y gas



PIN Ø 4mm

### Corpo

Body / Corp / Cuerpo  
[PE100]

### Testimoni di fusione

Fusion pins  
Témoins de soudure  
Testigos de fusion

### Resistenza protetta

Coated wire  
Fil de cuivre protégé  
Hilo en cobre protegido



### Acqua potabile

Potable water  
Eau potable  
Agua potable

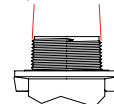
### Normative

Standards / Normes / Normas

UNI EN 1555-3 / UNI EN 12201-3

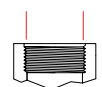
UNI EN ISO 15494 - ISO 13950 barcode interleaved 2.5

Male threads  
tapered 1:16



ISO 7/1 Conical

Female threads



ISO 7/1 Parallel

## Manicotto elettrosaldabile PN6

Electrofusion coupler PN6 / Manchon électrosoudable PN6  
Manguito eléctrico PN6



SDR 26 PN 6 PE 100

| CODE: 8028 | Ø   | L   | PACK |
|------------|-----|-----|------|
| -          | -   | -   | -    |
| -          | -   | -   | -    |
| -          | -   | -   | -    |
| -          | -   | -   | -    |
| 8028355004 | 355 | 300 | 1    |
| 8028400004 | 400 | 320 | 1    |
| 8028450004 | 450 | 320 | 6    |
| 8028500004 | 500 | 340 | 4    |
| 8028560004 | 560 | 410 | 4    |
| 8028630004 | 630 | 470 | 3    |
| 8028710004 | 710 | 490 | 2    |
| 8028800004 | 800 | 500 | 2    |

## Manicotto elettrosaldabile PN10

Electrofusion coupler PN10 / Manchon électrosoudable PN10  
Manguito eléctrico PN10



SDR 17 PN 10 S8 PE 100

| CODE: 8028 | Ø   | L   | PACK |
|------------|-----|-----|------|
| 8028225010 | 225 | 202 | 70   |
| 8028250010 | 250 | 218 | 55   |
| 8028280010 | 280 | 229 | 32   |
| 8028315010 | 315 | 250 | 24   |
| 8028355010 | 355 | 300 | 18   |
| 8028400010 | 400 | 320 | 10   |
| 8028450010 | 450 | 320 | 1    |
| 8028500010 | 500 | 340 | 4    |
| 8028560010 | 560 | 410 | 4    |
| 8028630010 | 630 | 470 | 3    |
| 8028710010 | 710 | 490 | 2    |
| 8028800010 | 800 | 500 | 1    |



## Manicotto elettrosaldabile PN16

Electrofusion coupler PN16 / Manchon électrosoudable PN16  
Manguito eléctrico PN16



SDR 11 PN 16 S 5 PE 100

| CODE: 8028 | Ø   | L   | PACK |
|------------|-----|-----|------|
| 8028020000 | 20  | 70  | 170  |
| 8028025000 | 25  | 70  | 130  |
| 8028032000 | 32  | 90  | 80   |
| 8028040000 | 40  | 95  | 65   |
| 8028050000 | 50  | 100 | 40   |
| 8028063000 | 63  | 110 | 63   |
| 8028075000 | 75  | 113 | 36   |
| 8028090000 | 90  | 125 | 20   |
| 8028110000 | 110 | 134 | 14   |
| 8028125000 | 125 | 145 | 16   |
| 8028140000 | 140 | 155 | 12   |
| 8028160000 | 160 | 181 | 144  |
| 8028180000 | 180 | 190 | 108  |
| 8028200000 | 200 | 195 | 75   |
| 8028225000 | 225 | 202 | 60   |
| 8028250000 | 250 | 218 | 36   |
| 8028280000 | 280 | 229 | 28   |
| 8028315000 | 315 | 250 | 24   |
| 8028355000 | 355 | 300 | 18   |
| 8028400000 | 400 | 330 | 9    |
| 8028450000 | 450 | 380 | 12   |
| 8028500000 | 500 | 410 | 4    |
| 8028560000 | 560 | 430 | 3    |
| 8028630000 | 630 | 480 | 2    |

## Manicotto elettrosaldabile PN25

Electrofusion coupler PN25 / Manchon électrosoudable PN25  
Manguito eléctrico PN25



SDR 7,4 PN 25 S 3.2 PE 100

| CODE: 8028 | Ø   | L   | PACK |
|------------|-----|-----|------|
| -          | -   | -   | -    |
| -          | -   | -   | -    |
| 802825032  | 32  | 89  | 50   |
| 802825040  | 40  | 99  | 40   |
| 802825050  | 50  | 111 | 50   |
| 802825063  | 63  | 127 | 26   |
| 802825075  | 75  | 142 | 18   |
| 802825090  | 90  | 142 | 26   |
| 802825110  | 110 | 152 | 22   |
| 802825125  | 125 | 171 | 12   |
| 802825140  | 140 | 181 | 12   |
| 802825160  | 160 | 181 | 100  |
| 802825180  | 180 | 201 | 75   |
| 802825200  | 200 | 217 | 48   |
| 802825225  | 225 | 231 | 36   |
| 802825250  | 250 | 242 | 28   |
| 802825280  | 280 | 250 | 24   |
| 802825315  | 315 | 261 | 12   |

## Gomito 90° elettrosaldabile PN16

Electrofusion 90°elbow PN16 / Coude 90° électrosoudable PN16  
Codo 90°eléctrico PN16



SDR 11 PN 16 S 5 PE 100

| CODE: 8025 | Ø   | L   | PACK |
|------------|-----|-----|------|
| 8025025000 | 25  | 52  | 80   |
| 8025032000 | 32  | 57  | 65   |
| 8025040000 | 40  | 68  | 20   |
| 8025050000 | 50  | 77  | 20   |
| 8025063000 | 63  | 88  | 70   |
| 8025075000 | 75  | 91  | 30   |
| 8025090000 | 90  | 122 | 20   |
| 8025110000 | 110 | 140 | 15   |
| 8025125000 | 125 | 152 | 8    |
| 8025140000 | 140 | 169 | 6    |
| 8025160000 | 160 | 200 | 56   |
| 8025180000 | 180 | 213 | 50   |
| 8025200000 | 200 | 249 | 40   |
| 8025225000 | 225 | 266 | 28   |
| 8025250000 | 250 | 299 | 12   |

## Gomito 45° elettrosaldabile PN16

Electrofusion 45°elbow PN16 / Coude 45° électrosoudable PN16  
Codo 45°eléctrico PN16

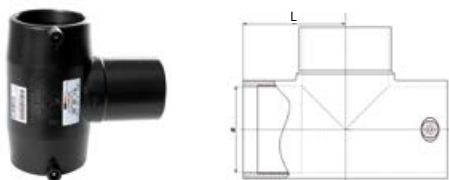


SDR 11 PN 16 S 5 PE 100

| CODE: 8024 | Ø   | L   | PACK |
|------------|-----|-----|------|
| -          | -   | -   | -    |
| 8024032000 | 32  | 42  | 35   |
| 8024040000 | 40  | 52  | 70   |
| 8024050000 | 50  | 63  | 46   |
| 8024063000 | 63  | 68  | 50   |
| 8024075000 | 75  | 68  | 60   |
| 8024090000 | 90  | 97  | 20   |
| 8024110000 | 110 | 112 | 12   |
| 8024125000 | 125 | 120 | 8    |
| 8024140000 | 140 | 123 | 8    |
| 8024160000 | 160 | 150 | 6    |
| 8024180000 | 180 | 160 | 62   |
| 8024200000 | 200 | 185 | 50   |
| 8024225000 | 225 | 208 | 32   |
| 8024250000 | 250 | 225 | 28   |

## Tee 90° elettrosaldabile PN16

Electrofusion 90°Tee PN16 / Te à 90° électrosoudable PN16  
T a 90°eléctrico PN16

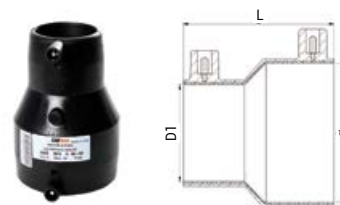


SDR 11 PN 16 S 5 PE 100

| CODE: 8027 | Ø   | L   | PACK |
|------------|-----|-----|------|
| 8027025000 | 25  | 50  | 80   |
| 8027032000 | 32  | 59  | 40   |
| 8027040000 | 40  | 66  | 30   |
| 8027050000 | 50  | 74  | 45   |
| 8027063000 | 63  | 88  | 25   |
| 8027075000 | 75  | 94  | 20   |
| 8027090000 | 90  | 104 | 14   |
| 8027110000 | 110 | 123 | 6    |
| 8027125000 | 125 | 132 | 5    |
| 8027140000 | 140 | 145 | 4    |
| 8027160000 | 160 | 159 | 40   |
| 8027180000 | 180 | 171 | 30   |
| 8027200000 | 200 | 188 | 24   |
| 8027225000 | 225 | 198 | 19   |
| 8027250000 | 250 | 230 | 10   |

## Riduzione elettrica PN16

Electrofusion reducer PN16 / Reduction électrosoudable PN16  
Reducción eléctrica PN16

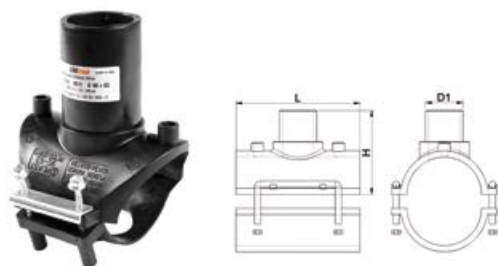


SDR 11 PN 16 S 5 PE 100

| CODE: 8029 | Ø x Ø     | L   | PACK |
|------------|-----------|-----|------|
| 8029025020 | 25 x 20   | 82  | 60   |
| 8029032020 | 32 x 20   | 90  | 100  |
| 8029032025 | 32 x 25   | 96  | 100  |
| 8029040032 | 40 x 32   | 109 | 35   |
| 8029050032 | 50 x 32   | 120 | 30   |
| 8029050040 | 50 x 40   | 113 | 27   |
| 8029063032 | 63 x 32   | 146 | 72   |
| 8029063040 | 63 x 40   | 138 | 72   |
| 8029063050 | 63 x 50   | 128 | 50   |
| 8029075063 | 75 x 63   | 144 | 30   |
| 8029090050 | 90 x 50   | 177 | 60   |
| 8029090063 | 90 x 63   | 163 | 60   |
| 8029090075 | 90 x 75   | 148 | 36   |
| 8029110063 | 110 x 63  | 210 | 45   |
| 8029110090 | 110 x 90  | 177 | 30   |
| 8029125090 | 125 x 90  | 195 | 26   |
| 8029125110 | 125 x 110 | 205 | 24   |
| 8029160090 | 160 x 90  | 254 | 16   |
| 8029160110 | 160 x 110 | 245 | 16   |
| 8029160125 | 160 x 125 | 245 | 16   |

## Collare di presa a tronchetto PN16

Branching saddle PN16 / Collier de prise simple PN16  
Collarín de toma simple PN16

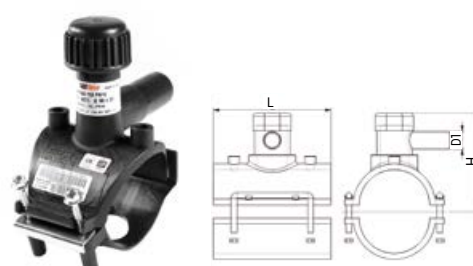


### SDR 11 PN 16 S 5 PE 100

| CODE: 8070 | Ø   | D1 | h   | PACK |
|------------|-----|----|-----|------|
| 8070040032 | 40  | 32 | 103 | 70   |
| 8070050025 | 50  | 25 | 108 | 40   |
| 8070050032 | 50  | 32 | 108 | 40   |
| 8070063032 | 63  | 32 | 114 | 40   |
| 8070063050 | 63  | 50 | 114 | 40   |
| 8070075032 | 75  | 32 | 120 | 40   |
| 8070075050 | 75  | 50 | 120 | 30   |
| 8070075063 | 75  | 63 | 120 | 25   |
| 8070090032 | 90  | 32 | 137 | 25   |
| 8070090050 | 90  | 50 | 137 | 30   |
| 8070090063 | 90  | 63 | 137 | 30   |
| 8070110032 | 110 | 32 | 147 | 30   |
| 8070110050 | 110 | 50 | 147 | 30   |
| 8070110063 | 110 | 63 | 147 | 30   |
| 8070125032 | 125 | 32 | 155 | 30   |
| 8070125050 | 125 | 50 | 155 | 30   |
| 8070125063 | 125 | 63 | 155 | 30   |
| 8070140032 | 140 | 32 | 162 | 30   |
| 8070140050 | 140 | 50 | 162 | 30   |
| 8070140063 | 140 | 63 | 162 | 30   |
| 8070160032 | 160 | 32 | 172 | 30   |
| 8070160050 | 160 | 50 | 172 | 30   |
| 8070160063 | 160 | 63 | 172 | 30   |
| 8070180032 | 180 | 32 | 182 | 30   |
| 8070180063 | 180 | 63 | 182 | 30   |
| 8070200032 | 200 | 32 | 192 | 20   |
| 8070200050 | 200 | 50 | 192 | 30   |
| 8070200063 | 200 | 63 | 192 | 15   |
| 8070225032 | 225 | 32 | 205 | 30   |
| 8070225050 | 225 | 50 | 205 | 15   |
| 8070225063 | 225 | 63 | 205 | 16   |
| 8070250032 | 250 | 32 | 218 | 30   |
| 8070250050 | 250 | 50 | 218 | 30   |
| 8070250063 | 250 | 63 | 218 | 16   |
| 8070315032 | 315 | 32 | 250 | 30   |
| 8070315050 | 315 | 50 | 250 | 30   |
| 8070315063 | 315 | 63 | 250 | 30   |

## Collare di presa in carico PN16

Tapping tee PN16 / Collier de prise en charge PN16  
Collarín de toma en carga PN16



### SDR 11 PN 16 S 5 PE 100

| CODE: 8075 | Ø   | D1 | h   | PACK |
|------------|-----|----|-----|------|
| 8075040025 | 40  | 25 | 110 | 40   |
| 8075040032 | 40  | 32 | 110 | 50   |
| 8075050025 | 50  | 25 | 115 | 40   |
| 8075050032 | 50  | 32 | 115 | 40   |
| 8075063025 | 63  | 25 | 121 | 40   |
| 8075063032 | 63  | 32 | 121 | 40   |
| 8075075025 | 75  | 25 | 127 | 35   |
| 8075075032 | 75  | 32 | 127 | 30   |
| 8075090025 | 90  | 25 | 142 | 30   |
| 8075090032 | 90  | 32 | 142 | 25   |
| 8075090063 | 90  | 63 | 254 | 30   |
| 8075110025 | 110 | 25 | 152 | 30   |
| 8075110032 | 110 | 32 | 152 | 30   |
| 8075110063 | 110 | 63 | 264 | 30   |
| 8075125025 | 125 | 25 | 159 | 30   |
| 8075125032 | 125 | 32 | 159 | 30   |
| 8075125063 | 125 | 63 | 271 | 10   |
| 8075140025 | 140 | 25 | 194 | 30   |
| 8075140032 | 140 | 32 | 194 | 30   |
| 8075140063 | 140 | 63 | 279 | 10   |
| 8075160025 | 160 | 25 | 187 | 30   |
| 8075160032 | 160 | 32 | 187 | 30   |
| 8075160063 | 160 | 63 | 289 | 12   |
| 8075180025 | 180 | 25 | 197 | 20   |
| 8075180032 | 180 | 32 | 197 | 10   |
| 8075180063 | 180 | 63 | 299 | 12   |
| 8075200032 | 200 | 32 | 224 | 20   |
| 8075200063 | 200 | 63 | 309 | 10   |
| 8075225032 | 225 | 32 | 244 | 15   |
| 8075225063 | 225 | 63 | 321 | 10   |
| 8075250032 | 250 | 32 | 256 | 10   |
| 8075250063 | 250 | 63 | 334 | 6    |
| 8075315032 | 315 | 32 | 289 | 10   |
| 8075315063 | 315 | 63 | 366 | 15   |



## Collare presa uscita ottone f/f PE100 PN16

EF saddle brass female outlet PE100 PN16

Collier taraudé en laiton PE100 PN16

Collarin rosca hembra en laton PE100 PN16



SDR 11 PN 16 S 5 PE 100

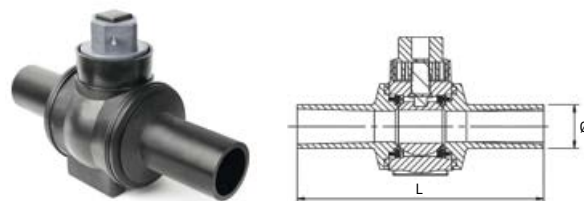
| CODE: 8072 | Ø   | D1    | h  | PACK |
|------------|-----|-------|----|------|
| 807209000D | 90  | 1"    | 45 | 12   |
| 807209000E | 90  | 1"1/4 | 45 | 12   |
| 807209000F | 90  | 1"1/2 | 45 | 12   |
| 807209000G | 90  | 2"    | 50 | 12   |
| 807211000D | 110 | 1"    | 45 | 12   |
| 807211000E | 110 | 1"1/4 | 45 | 12   |
| 807211000F | 110 | 1"1/2 | 45 | 12   |
| 807211000G | 110 | 2"    | 50 | 12   |
| 807212500D | 125 | 1"    | 45 | 12   |
| 807212500E | 125 | 1"1/4 | 45 | 12   |
| 807212500F | 125 | 1"1/2 | 45 | 12   |
| 807212500G | 125 | 2"    | 50 | 12   |
| 807214000D | 140 | 1"    | 45 | 10   |
| 807214000E | 140 | 1"1/4 | 45 | 10   |
| 807214000F | 140 | 1"1/2 | 45 | 10   |
| 807214000G | 140 | 2"    | 50 | 10   |
| 807216000D | 160 | 1"    | 45 | 8    |
| 807216000E | 160 | 1"1/4 | 45 | 8    |
| 807216000F | 160 | 1"1/2 | 45 | 8    |
| 807216000G | 160 | 2"    | 50 | 8    |
| 807220000D | 180 | 1"    | 45 | 8    |
| 807220000E | 180 | 1"1/4 | 45 | 8    |
| 807220000F | 180 | 1"1/2 | 45 | 8    |
| 807220000G | 180 | 2"    | 50 | 8    |
| 807220000D | 200 | 1"    | 45 | 8    |
| 807220000E | 200 | 1"1/4 | 45 | 8    |
| 807220000F | 200 | 1"1/2 | 45 | 8    |
| 807220000G | 200 | 2"    | 50 | 8    |
| 807225000D | 225 | 1"    | 45 | 8    |
| 807225000E | 225 | 1"1/4 | 45 | 8    |
| 807225000F | 225 | 1"1/2 | 45 | 8    |
| 807225000G | 225 | 2"    | 50 | 8    |
| 807225000D | 250 | 1"    | 45 | 8    |
| 807225000E | 250 | 1"1/4 | 45 | 8    |
| 807225000F | 250 | 1"1/2 | 45 | 8    |
| 807225000G | 250 | 2"    | 50 | 8    |
| 807231500D | 280 | 1"    | 45 | 4    |
| 807231500E | 280 | 1"1/4 | 45 | 4    |
| 807231500F | 280 | 1"1/2 | 45 | 4    |
| 807231500G | 280 | 2"    | 50 | 4    |
| 807231500D | 315 | 1"    | 45 | 4    |
| 807231500E | 315 | 1"1/4 | 45 | 4    |
| 807231500F | 315 | 1"1/2 | 45 | 4    |
| 807231500G | 315 | 2"    | 50 | 4    |

## Valvola a sfera codolo lungo PN16

Long spigot ball valve PN16

Vanne à bille embout long PN16

Válvula esfera mango largo PN16

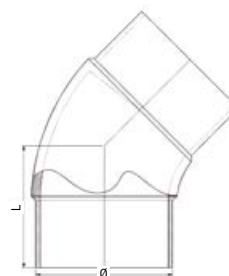


SDR 11 PN 16 S 5 PE 100

| CODE: 8080 | Ø   | L   | PACK |
|------------|-----|-----|------|
| 8080025000 | 25  | 251 | 20   |
| 8080032000 | 32  | 251 | 20   |
| 8080040000 | 40  | 252 | 10   |
| 8080050000 | 50  | 362 | 10   |
| 8080063000 | 63  | 338 | 6    |
| 8080075000 | 75  | 358 | 3    |
| 8080090000 | 90  | 502 | 3    |
| 8080110000 | 110 | 505 | 2    |
| 8080125000 | 125 | 505 | 2    |
| 8080160000 | 160 | 610 | 1    |
| 8080180000 | 180 | 610 | 1    |
| 8080200000 | 200 | 610 | 1    |
| 8080225000 | 225 | 610 | 1    |

## Gomito 45° codolo lungo

45° long spigot Elbow  
Coude 45° embout long  
Codo 45° mango largo



SDR 17 PN 10 S 8 PE 100

| CODE: 8016 | Ø   | L   | PACK |
|------------|-----|-----|------|
| -          | -   | -   | -    |
| -          | -   | -   | -    |
| -          | -   | -   | -    |
| -          | -   | -   | -    |
| -          | -   | -   | -    |
| 801610090  | 90  | 109 | 6    |
| 801610110  | 110 | 127 | 3    |
| 801610125  | 125 | 159 | 3    |
| 801610140  | 140 | 165 | 2    |
| 801610160  | 160 | 175 | 6    |
| 801610180  | 180 | 173 | 62   |
| 801610200  | 200 | 180 | 50   |
| 801610225  | 225 | 193 | 32   |
| 801610250  | 250 | 206 | 28   |
| 801610280  | 280 | 246 | 14   |
| 801610315  | 315 | 285 | 12   |

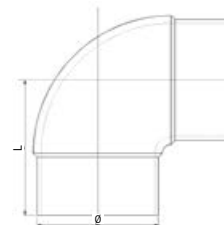
SDR 11 PN 16 S 5 PE 100

| CODE: 8016 | Ø   | L   | PACK |
|------------|-----|-----|------|
| 801616032  | 32  | 70  | 35   |
| 801616040  | 40  | 78  | 25   |
| 801616050  | 50  | 84  | 46   |
| 801616063  | 63  | 90  | 62   |
| 801616075  | 75  | 100 | 12   |
| 801616090  | 90  | 109 | 22   |
| 801616110  | 110 | 127 | 12   |
| 801616125  | 125 | 159 | 3    |
| 801616140  | 140 | 165 | 2    |
| 801616160  | 160 | 175 | 6    |
| 801616180  | 180 | 173 | 3    |
| 801616200  | 200 | 180 | 50   |
| 801616225  | 225 | 193 | 32   |
| 801616250  | 250 | 206 | 28   |
| 801616280  | 280 | 246 | 14   |
| 801616315  | 315 | 285 | 12   |



## Gomito 90° codolo lungo

90° long spigot Elbow  
Coude 90° embout long  
Codo 90° mango largo



SDR 17 PN 10 S 8 PE 100

| CODE: 8017 | Ø   | L   | PACK |
|------------|-----|-----|------|
| -          | -   | -   | -    |
| -          | -   | -   | -    |
| -          | -   | -   | -    |
| -          | -   | -   | -    |
| -          | -   | -   | -    |
| -          | -   | -   | -    |
| 801710090  | 90  | 154 | 8    |
| 801710110  | 110 | 153 | 15   |
| 801710125  | 125 | 172 | 2    |
| 801710140  | 140 | 182 | 2    |
| 801710160  | 160 | 225 | 5    |
| 801710180  | 180 | 228 | 50   |
| 801710200  | 200 | 246 | 2    |
| 801710225  | 225 | 282 | 26   |
| 801710250  | 250 | 320 | 20   |
| 801710280  | 280 | 348 | 14   |
| 801710315  | 315 | 358 | 9    |

SDR 11 PN 16 S 5 PE 100

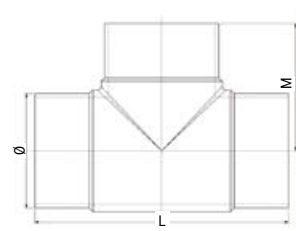
| CODE: 8017 | Ø   | L   | PACK |
|------------|-----|-----|------|
| 801716025  | 25  | 67  | 100  |
| 801716032  | 32  | 72  | 60   |
| 801716040  | 40  | 85  | 30   |
| 801716050  | 50  | 88  | 46   |
| 801716063  | 63  | 108 | 70   |
| 801716075  | 75  | 127 | 10   |
| 801716090  | 90  | 154 | 24   |
| 801716110  | 110 | 153 | 15   |
| 801716125  | 125 | 172 | 8    |
| 801716140  | 140 | 182 | 2    |
| 801716160  | 160 | 215 | 5    |
| 801716180  | 180 | 228 | 4    |
| 801716200  | 200 | 246 | 40   |
| 801716225  | 225 | 282 | 28   |
| 801716250  | 250 | 320 | 20   |
| 801716280  | 280 | 348 | 14   |
| 801716315  | 315 | 358 | 9    |

## Tee 90° codolo lungo

90° Long spigot Tee

Te 90° embout long

Ti 90° mango largo



### SDR 17 PN 10 S 8 PE 100

| CODE: 8018 | Ø   | L   | PACK |
|------------|-----|-----|------|
| -          | -   | -   | -    |
| -          | -   | -   | -    |
| -          | -   | -   | -    |
| -          | -   | -   | -    |
| -          | -   | -   | -    |
| -          | -   | -   | -    |
| 801810090  | 90  | 303 | 14   |
| 801810110  | 110 | 338 | 7    |
| 801810125  | 125 | 355 | 5    |
| 801810140  | 140 | 288 | 63   |
| 801810160  | 160 | 423 | 48   |
| 801810180  | 180 | 450 | 32   |
| 801810200  | 200 | 500 | 29   |
| 801810225  | 225 | 538 | 19   |
| 801810250  | 250 | 597 | 14   |
| 801810280  | 280 | 653 | 10   |
| 801810315  | 315 | 703 | 7    |

### SDR 11 PN 16 S 5 PE 100

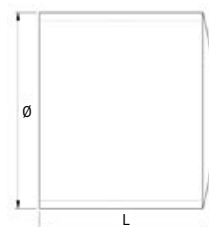
| CODE: 8018 | Ø   | L   | PACK |
|------------|-----|-----|------|
| 801816025  | 25  | 139 | 50   |
| 801816032  | 32  | 147 | 30   |
| 801816040  | 40  | 171 | 44   |
| 801816050  | 50  | 179 | 30   |
| 801816063  | 63  | 229 | 44   |
| 801816075  | 75  | 257 | 28   |
| 801816090  | 90  | 303 | 16   |
| 801816110  | 110 | 338 | 7    |
| 801816125  | 125 | 355 | 5    |
| 801816140  | 140 | 388 | 70   |
| 801816160  | 160 | 423 | 48   |
| 801816180  | 180 | 450 | 35   |
| 801816200  | 200 | 500 | 29   |
| 801816225  | 225 | 538 | 20   |
| 801816250  | 250 | 597 | 14   |
| 801816280  | 280 | 653 | 10   |
| 801816315  | 315 | 703 | 7    |

## Calotta

End cap

Bouchon

Tapón



### SDR 17 PN 10 S 8 PE 100

| CODE: 8023 | Ø   | L   | PACK |
|------------|-----|-----|------|
| -          | -   | -   | -    |
| -          | -   | -   | -    |
| -          | -   | -   | -    |
| -          | -   | -   | -    |
| -          | -   | -   | -    |
| -          | -   | -   | -    |
| 802310090  | 90  | 102 | 32   |
| 802310110  | 110 | 104 | 45   |
| 802310125  | 125 | 110 | 36   |
| 802310140  | 140 | 114 | 33   |
| 802310160  | 160 | 130 | 14   |
| 802310180  | 180 | 122 | 12   |
| 802310200  | 200 | 157 | 7    |
| 802310225  | 225 | 142 | 119  |
| 802310250  | 250 | 145 | 6    |
| 802310280  | 280 | 154 | 66   |
| 802310315  | 315 | 199 | 40   |

### SDR 11 PN 16 S 5 PE 100

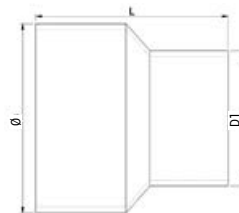
| CODE: 8023 | Ø   | L   | PACK |
|------------|-----|-----|------|
| 802316025  | 25  | 54  | 150  |
| 802316032  | 32  | 60  | 100  |
| 802316040  | 40  | 64  | 130  |
| 802316050  | 50  | 72  | 76   |
| 802316063  | 63  | 82  | 54   |
| 802316075  | 75  | 90  | 32   |
| 802316090  | 90  | 102 | 45   |
| 802316110  | 110 | 104 | 36   |
| 802316125  | 125 | 110 | 33   |
| 802316140  | 140 | 114 | 14   |
| 802316160  | 160 | 130 | 12   |
| 802316180  | 180 | 122 | 250  |
| 802316200  | 200 | 157 | 7    |
| 802316225  | 225 | 142 | 119  |
| 802316250  | 250 | 165 | 6    |
| 802316280  | 280 | 154 | 66   |
| 802316315  | 315 | 200 | 40   |

## Riduzione codolo lungo

Long spigot Reducer

Réduction embout long

Reducción mango largo



### SDR 17 PN 10 S 8 PE 100

| CODE: 8020   | Ø x Ø     | L   | PACK |
|--------------|-----------|-----|------|
| -            | -         | -   | -    |
| -            | -         | -   | -    |
| -            | -         | -   | -    |
| -            | -         | -   | -    |
| -            | -         | -   | -    |
| -            | -         | -   | -    |
| -            | -         | -   | -    |
| -            | -         | -   | -    |
| -            | -         | -   | -    |
| -            | -         | -   | -    |
| -            | -         | -   | -    |
| -            | -         | -   | -    |
| -            | -         | -   | -    |
| -            | -         | -   | -    |
| 802010090063 | 90 x 63   | 168 | 15   |
| 802010090075 | 90 x 75   | 168 | 15   |
| 802010110050 | 110 x 50  | 175 | 45   |
| 802010110063 | 110 x 63  | 183 | 12   |
| 802010110075 | 110 x 75  | 182 | 12   |
| 802010110090 | 110 x 90  | 194 | 10   |
| 802010125063 | 125 x 63  | 190 | 6    |
| 802010125075 | 125 x 75  | 188 | 7    |
| 802010125090 | 125 x 90  | 187 | 7    |
| 802010125110 | 125 x 110 | 188 | 4    |
| 802010140090 | 140 x 90  | 205 | 4    |
| 802010140110 | 140 x 110 | 202 | 4    |
| 802010140125 | 140 x 125 | 203 | 4    |
| 802010160090 | 160 x 90  | 227 | 4    |
| 802010160110 | 160 x 110 | 224 | 16   |
| 802010160125 | 160 x 125 | 214 | 4    |
| 802010160140 | 160 x 140 | 203 | 4    |
| 802010180125 | 180 x 125 | 240 | 6    |
| 802010180140 | 180 x 140 | 218 | 12   |
| 802010180160 | 180 x 160 | 220 | 6    |
| 802010200140 | 200 x 140 | 236 | 6    |
| 802010200160 | 200 x 160 | 234 | 6    |
| 802010200180 | 200 x 180 | 235 | 2    |
| 802010225160 | 225 x 160 | 260 | 2    |
| 802010225180 | 225 x 180 | 270 | 2    |
| 802010225200 | 225 x 200 | 260 | 2    |
| 802010250180 | 250 x 180 | 289 | 84   |
| 802010250200 | 250 x 200 | 277 | 1    |
| 802010315225 | 315 x 225 | 327 | 40   |
| 802010315250 | 315 x 250 | 342 | 40   |

### SDR 11 PN 16 S 5 PE 100

| CODE: 8020   | Ø x Ø     | L   | PACK |
|--------------|-----------|-----|------|
| 802016032025 | 32 x 25   | 96  | 50   |
| 802016040025 | 40 x 25   | 102 | 30   |
| 802016040032 | 40 x 32   | 102 | 30   |
| 802016050025 | 50 x 25   | 115 | 130  |
| 802016050032 | 50 x 32   | 114 | 80   |
| 802016050040 | 50 x 40   | 110 | 40   |
| 802016063032 | 63 x 32   | 126 | 54   |
| 802016063040 | 63 x 40   | 129 | 48   |
| 802016063050 | 63 x 50   | 135 | 50   |
| 802016075040 | 75 x 40   | 141 | 24   |
| 802016075050 | 75 x 50   | 143 | 25   |
| 802016075063 | 75 x 63   | 150 | 30   |
| 802016090050 | 90 x 50   | 157 | 60   |
| 802016090063 | 90 x 63   | 161 | 15   |
| 802016090075 | 90 x 75   | 168 | 36   |
| 802016110050 | 110 x 50  | 175 | 45   |
| 802016110063 | 110 x 63  | 176 | 45   |
| 802016110075 | 110 x 75  | 178 | 45   |
| 802016110090 | 110 x 90  | 185 | 10   |
| 802016125063 | 125 x 63  | 192 | 6    |
| 802016125075 | 125 x 75  | 188 | 7    |
| 802016125090 | 125 x 90  | 187 | 26   |
| 802016125110 | 125 x 110 | 188 | 4    |
| 802016140090 | 140 x 90  | 205 | 4    |
| 802016140110 | 140 x 110 | 202 | 4    |
| 802016140125 | 140 x 125 | 203 | 4    |
| 802016160090 | 160 x 90  | 227 | 16   |
| 802016160110 | 160 x 110 | 224 | 4    |
| 802016160125 | 160 x 125 | 214 | 4    |
| 802016160140 | 160 x 140 | 203 | 8    |
| 802016180125 | 180 x 125 | 240 | 6    |
| 802016180140 | 180 x 140 | 218 | 12   |
| 802016180160 | 180 x 160 | 220 | 6    |
| 802016200140 | 200 x 140 | 236 | 6    |
| 802016200160 | 200 x 160 | 240 | 6    |
| 802016200180 | 200 x 180 | 235 | 4    |
| 802016225160 | 225 x 160 | 260 | 4    |
| 802016225180 | 225 x 180 | 270 | 108  |
| 802016225200 | 225 x 200 | 260 | 72   |
| 802016250180 | 250 x 180 | 289 | 84   |
| 802016250200 | 250 x 200 | 277 | 84   |
| 802016315225 | 315 x 225 | 342 | 40   |
| 802016315250 | 315 x 250 | 326 | 40   |

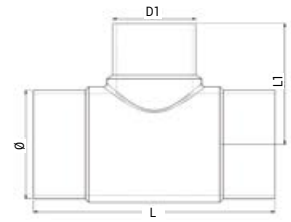


## Tee 90° ridotto codolo lungo

90° Long spigot reduced Tee

Te 90°reduit embout long

Ti 90° reducido mango largo



### SDR 17 PN 10 S 8 PE 100

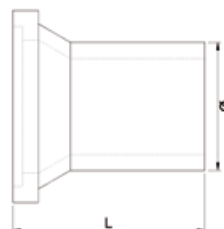
| CODE: 8019   | Ø x Ø     | L   | PACK |
|--------------|-----------|-----|------|
| -            | -         | -   | -    |
| -            | -         | -   | -    |
| 801910110050 | 110 x 50  | 338 | 13   |
| 801910110063 | 110 x 63  | 338 | 8    |
| 801910110090 | 110 x 90  | 338 | 7    |
| 801910125063 | 125 x 63  | 359 | 6    |
| 801910125090 | 125 x 90  | 356 | 6    |
| 801910140063 | 140 x 63  | 390 | 3    |
| 801910140090 | 140 x 90  | 390 | 70   |
| 801910160063 | 160 x 63  | 425 | 60   |
| 801910160090 | 160 x 90  | 425 | 54   |
| 801910160110 | 160 x 110 | 425 | 54   |
| 801910160125 | 160 x 125 | 425 | 50   |
| 801910180063 | 180 x 63  | 451 | 42   |
| 801910180090 | 180 x 90  | 451 | 40   |
| 801910180125 | 180 x 125 | 451 | 35   |
| 801910200063 | 200 x 63  | 500 | 32   |
| 801910200090 | 200 x 90  | 503 | 32   |
| 801910200110 | 200 x 110 | 503 | 30   |
| 801910200160 | 200 x 160 | 503 | 30   |
| 801910225090 | 225 x 90  | 540 | 23   |
| 801910225125 | 225 x 125 | 540 | 22   |
| 801910225160 | 225 x 160 | 540 | 20   |
| 801910225180 | 225 x 180 | 540 | 20   |
| 801910250110 | 250 x 110 | 596 | 17   |
| 801910250160 | 250 x 160 | 596 | 15   |
| 801910315110 | 315 x 110 | 704 | 10   |
| 801910315160 | 315 x 160 | 704 | 9    |
| 801910315180 | 315 x 180 | 704 | 9    |
| 801910315200 | 315 x 200 | 704 | 9    |
| 801910315225 | 315 x 225 | 704 | 8    |

### SDR 11 PN 16 S 5 PE 100

| CODE: 8019   | Ø x Ø     | L   | PACK |
|--------------|-----------|-----|------|
| 801916090050 | 90 x 50   | 306 | 20   |
| 801916090063 | 90 x 63   | 306 | 18   |
| 801916110050 | 110 x 50  | 338 | 13   |
| 801916110063 | 110 x 63  | 338 | 8    |
| 801916110090 | 110 x 90  | 338 | 7    |
| 801916125063 | 125 x 63  | 359 | 6    |
| 801916125090 | 125 x 90  | 358 | 6    |
| 801916140063 | 140 x 63  | 390 | 4    |
| 801916140090 | 140 x 90  | 390 | 4    |
| 801916160063 | 160 x 63  | 425 | 60   |
| 801916160090 | 160 x 90  | 425 | 54   |
| 801916160110 | 160 x 110 | 425 | 54   |
| 801916160125 | 160 x 125 | 425 | 54   |
| 801916180063 | 180 x 63  | 451 | 42   |
| 801916180090 | 180 x 90  | 451 | 40   |
| 801916180125 | 180 x 125 | 451 | 40   |
| 801916200063 | 200 x 63  | 503 | 32   |
| 801916200090 | 200 x 90  | 503 | 32   |
| 801916200110 | 200 x 110 | 503 | 30   |
| 801916200160 | 200 x 160 | 503 | 30   |
| 801916225090 | 225 x 90  | 540 | 26   |
| 801916225125 | 225 x 125 | 540 | 24   |
| 801916225160 | 225 x 160 | 540 | 20   |
| 801916225180 | 225 x 180 | 540 | 20   |
| 801916250110 | 250 x 110 | 596 | 17   |
| 801916250160 | 250 x 160 | 596 | 16   |
| 801916315110 | 315 x 110 | 704 | 10   |
| 801916315160 | 315 x 160 | 704 | 9    |
| 801916315180 | 315 x 180 | 704 | 9    |
| 801916315200 | 315 x 200 | 704 | 9    |
| 801916315225 | 315 x 225 | 704 | 8    |

## Cartella per flangia codolo lungo

Long spigot stub end  
Collet pour bride embout long  
Collar para brida mango largo



### SDR 17 PN 10 PE 100

| CODE: 8022 | Ø   | L   | PACK |
|------------|-----|-----|------|
| -          | -   | -   | -    |
| -          | -   | -   | -    |
| -          | -   | -   | -    |
| -          | -   | -   | -    |
| -          | -   | -   | -    |
| -          | -   | -   | -    |
| 802210090  | 90  | 122 | 30   |
| 802210110  | 110 | 139 | 24   |
| 802210125  | 125 | 142 | 20   |
| 802210140  | 140 | 150 | 12   |
| 802210160  | 160 | 157 | 12   |
| 802210180  | 180 | 163 | 144  |
| 802210200  | 200 | 183 | 90   |
| 802210225  | 225 | 179 | 84   |
| 802210250  | 250 | 189 | 50   |
| 802210280  | 280 | 195 | 45   |
| 802210315  | 315 | 215 | 30   |
| 802210355  | 355 | 240 | 22   |
| 802210400  | 400 | 259 | 12   |

### SDR 11 PN 16 PE 100

| CODE: 8022 | Ø   | L   | PACK |
|------------|-----|-----|------|
| 802216025  | 25  | 69  | 70   |
| 802216032  | 32  | 87  | 50   |
| 802216040  | 40  | 81  | 30   |
| 802216050  | 50  | 88  | 100  |
| 802216063  | 63  | 101 | 60   |
| 802216075  | 75  | 116 | 40   |
| 802216090  | 90  | 121 | 30   |
| 802216110  | 110 | 142 | 24   |
| 802216125  | 125 | 149 | 20   |
| 802216140  | 140 | 158 | 12   |
| 802216160  | 160 | 165 | 12   |
| 802216180  | 180 | 172 | 144  |
| 802216200  | 200 | 195 | 75   |
| 802216225  | 225 | 189 | 70   |
| 802216250  | 250 | 202 | 50   |
| 802216280  | 280 | 204 | 40   |
| 802216315  | 315 | 234 | 24   |
| 802216355  | 355 | 247 | 24   |
| 802216400  | 400 | 272 | 12   |



## Cartella per flangia codolo corto

Short spigot stub end  
Collet pour bride embout court  
Collar para brida mango corto



### SDR 26 PN 6 PE 100

| CODE: 8012 | Ø    | L   | PACK |
|------------|------|-----|------|
| -          | -    | -   | -    |
| -          | -    | -   | -    |
| -          | -    | -   | -    |
| -          | -    | -   | -    |
| -          | -    | -   | -    |
| 801206560  | 560  | 132 | 13   |
| 801206630  | 630  | 120 | 13   |
| 801206710  | 710  | 128 | 10   |
| 801206800  | 800  | 120 | 8    |
| 801206900  | 900  | 130 | 7    |
| 8012061000 | 1000 | 130 | 7    |
| 8012061200 | 1200 | 165 | 7    |

### SDR 17 PN 10 PE 100

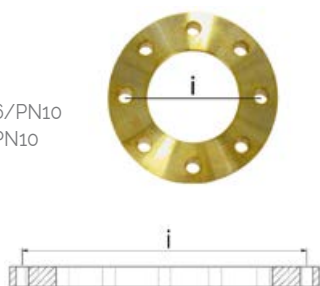
| CODE: 8012 | Ø    | L   | PACK |
|------------|------|-----|------|
| 801210315  | 315  | 134 | 54   |
| 801210355  | 355  | 128 | 48   |
| 801210400  | 400  | 121 | 30   |
| 801210450  | 450  | 143 | 18   |
| 801210500  | 500  | 129 | 20   |
| 801210560  | 560  | 120 | 11   |
| 801210630  | 630  | 131 | 13   |
| 801210710  | 710  | 128 | 10   |
| 801210800  | 800  | 125 | 8    |
| 801210900  | 900  | 130 | 7    |
| 8012101000 | 1000 | 135 | 7    |

## Flangia libera acciaio PN16/PN10

Steel flange PN16/PN10

Bride en acier pour collet PN16/PN10

Brida acero para collar PN16/PN10



### UNI EN 1092

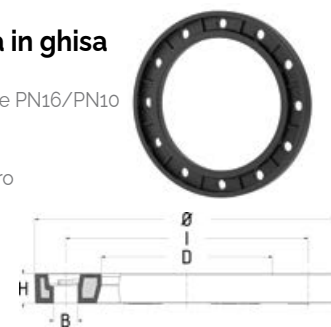
| CODE: 8034 | Ø   | DN  | BOLT | i   | PN | PACK |
|------------|-----|-----|------|-----|----|------|
| 803416025  | 25  | 20  | 4    | 75  | 16 | 1    |
| 803416032  | 32  | 20  | 4    | 85  | 16 | 1    |
| 803416040  | 40  | 32  | 4    | 100 | 16 | 1    |
| 803416050  | 50  | 40  | 4    | 110 | 16 | 1    |
| 803416063  | 63  | 50  | 4    | 125 | 16 | 1    |
| 803416075  | 75  | 65  | 4    | 145 | 16 | 1    |
| 803416090  | 90  | 80  | 8    | 160 | 16 | 1    |
| 803416110  | 110 | 100 | 8    | 180 | 16 | 1    |
| 803416125  | 125 | 100 | 8    | 180 | 16 | 1    |
| 803416140  | 140 | 125 | 8    | 210 | 16 | 1    |
| 803416160  | 160 | 150 | 8    | 240 | 16 | 1    |
| 803416180  | 180 | 150 | 8    | 240 | 16 | 1    |
| 803416200  | 200 | 200 | 12   | 295 | 16 | 1    |
| 803416225  | 225 | 200 | 12   | 295 | 16 | 1    |
| 803416250  | 250 | 250 | 12   | 355 | 16 | 1    |
| 803416280  | 280 | 250 | 12   | 355 | 16 | 1    |
| 803416315  | 315 | 300 | 12   | 410 | 16 | 1    |
| 803410200  | 200 | 200 | 8    | 295 | 10 | 1    |
| 803410225  | 225 | 200 | 8    | 295 | 10 | 1    |
| 803410250  | 250 | 250 | 12   | 350 | 10 | 1    |
| 803410280  | 280 | 250 | 12   | 350 | 10 | 1    |
| 803410315  | 315 | 300 | 12   | 400 | 10 | 1    |

## Flangia in PP anima in ghisa PN16/PN10

PP flange with cast iron core PN16/PN10

Bride en PP avec corps en fonte PN16/PN10

Brida en PP cuerpo de hierro fundido PN16/PN10



### UNI EN 1092

| CODE: 8032 | Ø   | DN  | BOLT | i   | PN | PACK |
|------------|-----|-----|------|-----|----|------|
| -          | -   | -   | -    | -   | -  | -    |
| -          | -   | -   | -    | -   | -  | -    |
| 803216040  | 40  | 32  | 4    | 100 | 16 | 1    |
| 803216050  | 50  | 40  | 4    | 110 | 16 | 1    |
| 803216063  | 63  | 50  | 4    | 125 | 16 | 1    |
| 803216075  | 75  | 65  | 4    | 145 | 16 | 1    |
| 803216090  | 90  | 80  | 8    | 160 | 16 | 1    |
| 803216110  | 110 | 100 | 8    | 180 | 16 | 1    |
| 803216125  | 125 | 100 | 8    | 180 | 16 | 1    |
| 803216140  | 140 | 125 | 8    | 210 | 16 | 1    |
| 803216160  | 160 | 150 | 8    | 240 | 16 | 1    |
| 803216180  | 180 | 150 | 8    | 240 | 16 | 1    |
| 803216200  | 200 | 200 | 12   | 295 | 16 | 1    |
| 803216225  | 225 | 200 | 12   | 295 | 16 | 1    |
| 803216250  | 250 | 250 | 12   | 355 | 16 | 1    |
| 803216280  | 280 | 250 | 12   | 355 | 16 | 1    |
| 803216315  | 315 | 300 | 12   | 410 | 16 | 1    |
| 803210200  | 200 | 200 | 8    | 295 | 10 | 1    |
| 803210225  | 225 | 200 | 8    | 295 | 10 | 1    |
| 803210250  | 250 | 250 | 12   | 350 | 10 | 1    |
| 803210280  | 280 | 250 | 12   | 350 | 10 | 1    |
| 803210315  | 315 | 300 | 12   | 400 | 10 | 1    |

## Guarnizione piana interflangia

Rubber/fabric gasket

Joint en caoutchouc et toile

Empaquetadura da caucho com tela



### CODE: 8037

| Ø       | DN  | PN | PACK |
|---------|-----|----|------|
| 25      | 20  | 16 | 1    |
| 32      | 25  | 16 | 1    |
| 40      | 32  | 16 | 1    |
| 50      | 40  | 16 | 1    |
| 63      | 50  | 16 | 1    |
| 75      | 65  | 16 | 1    |
| 90      | 80  | 16 | 1    |
| 110/125 | 100 | 16 | 1    |
| 140     | 125 | 16 | 1    |
| 160/180 | 150 | 16 | 1    |
| 200/225 | 200 | 16 | 1    |
| 250/280 | 250 | 16 | 1    |
| 315     | 300 | 16 | 1    |

## Kit bulloni per flangia

Bolts & nuts kit for flange

Kit de boulons pour bride

Kit de pernos para brida



### CODE: 8138

| DN      | PN | MXL       | BOLT |
|---------|----|-----------|------|
| 50      | 16 | M16 x 70  | 4    |
| 65      | 16 | M16 x 70  | 8    |
| 80      | 16 | M16 x 80  | 8    |
| 100/125 | 16 | M16 x 90  | 8    |
| 150     | 16 | M20 x 100 | 8    |
| 200     | 10 | M20 x 100 | 8    |
| 200     | 16 | M20 x 110 | 12   |
| 250     | 10 | M20 x 100 | 12   |
| 250     | 16 | M22 x 120 | 12   |
| 300     | 10 | M22 x 120 | 12   |

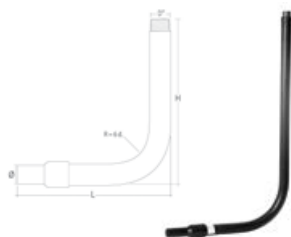


## Raccordi di transizione

Transition fittings / Raccords de transition / Uniones de transición

### PE/acciaio curvo f/m

PE/steel curved male threaded  
PE/acier courbé fileté  
PE/acero curvado rosca macho



SDR 11 PN 16 S5 PE 100

| CODE: 8055   | Ø x D"      | H   | L   | PACK |
|--------------|-------------|-----|-----|------|
| 80551602500C | 25 x 3/4"   | 800 | 450 | 150  |
| 80551603200D | 32 x 1"     | 800 | 460 | 90   |
| 80551604000E | 40 x 1" 1/4 | 800 | 510 | 50   |
| 80551605000F | 50 x 1" 1/2 | 800 | 600 | 50   |
| 80551606300G | 63 x 2"     | 800 | 680 | 30   |

### PE/acciaio dritto f/m

PE/steel male threaded  
PE/acier fileté  
PE/acero rosca macho



SDR 11 PN 16 S5 PE 100

| CODE: 8045   | Ø x D"      | L   | PACK |
|--------------|-------------|-----|------|
| 80451602500C | 25 x 3/4"   | 432 | 35   |
| 80451603200D | 32 x 1"     | 440 | 20   |
| 80451604000E | 40 x 1" 1/4 | 445 | 12   |
| 80451605000F | 50 x 1" 1/2 | 470 | 9    |
| 80451606300G | 63 x 2"     | 480 | 6    |
| 80451607500I | 75 x 2" 1/2 | 522 | 4    |
| 80451609000L | 90 x 3"     | 540 | 2    |
| 80451611000M | 110 x 4"    | 575 | 5    |

### PE/acciaio dritto a saldare

PE/steel plain end  
PE/acier à souder  
PE/acero a soldar



SDR 11 PN 16 S5 PE 100

| CODE: 8050   | Ø x D"   | L   | PACK |
|--------------|----------|-----|------|
| 80501611000M | 110 x 4" | 575 | 5    |
| 80501612500M | 125 x 4" | 600 | 4    |
| 80501614000N | 140 x 5" | 615 | 1    |
| 80501616000P | 160 x 6" | 635 | 1    |
| 80501618000P | 180 x 6" | 650 | 1    |
| 80501620000Q | 200 x 8" | 650 | 1    |
| 80501622500Q | 225 x 8" | 625 | 1    |

### PE/ottone f/f

Female threaded PE/brass fitting  
Manchon PE/laiton taraudée  
Union PE/latón rosca hembra



SDR 11 PN 16 PE 100

| CODE: 8039   | Ø x D"      | L   | PACK |
|--------------|-------------|-----|------|
| 80391602500C | 25 x 3/4"   | 95  | 100  |
| 80391603200D | 32 x 1"     | 108 | 50   |
| 80391604000E | 40 x 1" 1/4 | 122 | 36   |
| 80391605000F | 50 x 1" 1/2 | 125 | 27   |
| 80391606300G | 63 x 2"     | 143 | 10   |
| 80391607500I | 75 x 2" 1/2 | 162 | 8    |
| 80391609000L | 90 x 3"     | 178 | 5    |
| 80391611000M | 110 x 4"    | 203 | 3    |

### PE/ottone f/m

Male threaded PE/brass fitting  
Manchon PE/laiton fileté  
Union PE/latón rosca macho



SDR 11 PN 16 PE 100

| CODE: 8040   | Ø x D"      | L   | PACK |
|--------------|-------------|-----|------|
| 80401602500C | 25 x 3/4"   | 81  | 80   |
| 80401603200D | 32 x 1"     | 91  | 50   |
| 80401604000E | 40 x 1" 1/4 | 100 | 50   |
| 80401605000F | 50 x 1" 1/2 | 103 | 27   |
| 80401606300G | 63 x 2"     | 121 | 10   |
| 80401607500I | 75 x 2" 1/2 | 136 | 8    |
| 80401609000L | 90 x 3"     | 149 | 5    |
| 80401611000M | 110 x 4"    | 166 | 5    |

### Raccordo PE/rame

PE/copper transition fitting  
Raccord de transition PE/cuivre  
Unión de transición PE/cobre



SDR 11 S5 PE 100

| CODE: 8065   | Ø x Ø   | L  | PACK |
|--------------|---------|----|------|
| 806505032018 | 32 x 18 | 40 | 15   |
| 806505032022 | 32 x 22 | 40 | 15   |
| 806505032028 | 32 x 28 | 45 | 15   |
| 806505040028 | 40 x 28 | 45 | 15   |

### Giunto dielettrico m/f

Insulating joint male/female threaded  
Raccord isolant male/femelle  
Junta monolítica aislante macho/hembra



PN 10 S8

| CODE: 8064 | D"    | L   | PACK |
|------------|-------|-----|------|
| 806400000C | 3/4"  | 112 | 1    |
| 806400000D | 1"    | 127 | 1    |
| 806400000E | 1"1/4 | 147 | 1    |
| 806400000F | 1"1/2 | 156 | 1    |
| 806400000G | 2"    | 158 | 1    |
| 806400000I | 2"1/2 | 180 | 1    |
| 806400000L | 3"    | 200 | 1    |



# Saldatrici

Welding machines / Machine à souder / Soldadoras

## Saldatrice testa a testa per tubi pressione

Butt welding machine for pressure pipes

Machine à souder bout à bout pour tuyaux pression

Soldadora de tope para tubería en presión



| CODE: 8810 | Ø           | Voltage   | Power  | Ampere | kg  | box cm          |
|------------|-------------|-----------|--------|--------|-----|-----------------|
| 8810125    | 40 ... 125  | 230V 50Hz | 2,0kw  | 8,5A   | 78  | 84 x 64 x 84    |
| 8810160    | 50 ... 160  | 230V 50Hz | 2,4kw  | 10,4A  | 160 | 99 x 94 x 75    |
| 8810200    | 63 ... 200  | 230V 50Hz | 2,8kw  | 12,3A  | 180 | 99 x 94 x 75    |
| 8810250    | 75 ... 250  | 230V 50Hz | 3,7kw  | 16,0A  | 233 | 100 x 104 x 77  |
| 8810315    | 90 ... 315  | 230V 50Hz | 5,2kw  | 22,3A  | 316 | 114 x 127 x 86  |
| 8810355    | 110 ... 355 | 230V 50Hz | 5,2kw  | 22,3A  | 360 | 121 x 127 x 86  |
| 8810500    | 200 ... 500 | 230V 50Hz | 7,7kw  | 33,4A  | 632 | 150 x 162 x 128 |
| 8810630    | 315 ... 630 | 400V 50hz | 11,2kw | 17,0A  | 854 | 178 x 157 x 132 |

## Saldatrice per elettrofusione Athena

Electro fusion welding unit Athena

Machine pour l'électrofusion Athena

Soldadora para electrofusión Athena

### Athena160



### Athena400



### Athena800



| CODE: 8850 | Ø          | Voltage   | Power | Ampere | kg | box cm       |
|------------|------------|-----------|-------|--------|----|--------------|
| 8850005    | 20 ... 160 | 230V 50Hz | 2,4kw | 60A    | 10 | 50 x 21 x 40 |
| 8850006    | 20 ... 400 | 230V 50Hz | 3,8kw | 95A    | 18 | 50 x 21 x 40 |
| 8850007    | 20 ... 800 | 230V 50Hz | 4,8kw | 120A   | 24 | 57 x 47 x 25 |

## Accessori

Tools / Accessories / Accesorios

### Coppia connettori Ø 4,0 ... 4,7

Multidiameter connectors Ø 4,0 ... 4,7  
Connecteurs multidiamètre Ø 4,0 ... 4,7  
Conectores para pin Ø 4,0 ... 4,7



CODE: 8851

Ø

8851004

4,7 + 4,0

### Coppia di adattatori per Athena

Adaptors for Athena welding unit  
Adapteurs pour Athena  
Adaptadores para Athena



CODE: 8851

Ø x Ø

8851002

4,7 M x 4,0 F

8851003

4,0 M x 4,7 F

### Raschietto manuale

Manual scraper  
Grattoir manuel  
Rascador manual



CODE: 8800

Dimension

Kg

8800000

23 x 5 x 2 cm

0,2

### Raschiatore tangenziale

Revolving scraper  
Grattoir rotatif  
Rascador giratorio



CODE: 8821

Ø

Dimension

Kg

8821063225

63 - 225

42 x 24 x 12

3,00

8821075315

75 - 315

45 x 25 x 11

3,90

8821225500

225 - 500

57 x 38 x 18

7,00

### Detergente per tubi PE

PE pipe detergent  
Detergent tube PE  
Detergente tubos PE



1 l

CODE: 8805

Kg

8805000

0,9

### Allineatore a cinghia

Aligner with belts  
Aligneur avec courroies  
Alineador con correas



CODE: 8859

Ø

Dimension

Kg

8859032125

32 - 125

98 x 52 x 14

9,20

8859090315

90 - 315

137 x 65 x 20

19,20

8859125500

125 - 500

130 x 70 x 50

21,00

## Installazione

Installation / Installation  
Instalación



INSTALLATION



#### Marcare la porzione di tubo da inserire nel raccordo.

Mark the pipe portion to be inserted into the fitting.  
Marquer la partie de tube à insérer dans le raccord.  
Marcar la parte de tubo que se inserta en el accesorio.



#### Raschiare e pulire la superficie del tubo.

Scrape and clean the surface of the pipe.  
Grater et nettoyer le tuyau.  
Rascar y limpiar la superficie del tubo.



#### Inserire i tubi nel raccordo e bloccarli sull'allineatore.

Insert the pipes into the fitting and block them on the aligner.  
Insérer les tuyaux dans les raccords et le bloquer sur l'aligneur.  
Introducir los tubos en la junta y pararlos en el alineador.



#### Leggere il barcode e collegare il raccordo alla saldatrice.

Scan the barcode and connect the fitting to the welding unit.  
Scanner le code à barre et connecter le raccord à la machine à souder.  
Leer el código de barras y conectar el accesorio a la soldadora.



#### Verificare la fuoriuscita dei testimoni di fusione, scollegare l'allineatore al termine del tempo di raffreddamento.

Check the exit of the welding pins, before removing the aligner wait for cooling time indicated on the fitting.  
Vérifier l'émergence des témoins de soudure, avant de déplacer l'aligneur il faudrait attendre le temps de refroidissement indiqué sur le raccord.  
Verificar la salida de los testigos de fusión, antes de remover el alineador está necesario esperar el tiempo de enfriamiento indicado en el accesorio.

# Repair clamp

## Collari di riparazione

Repair clamp

Collier de reparation

Collarín de reparación



### VANTAGGI

Facile e veloce da installare  
Affidabile e sicuro  
Adatto a ogni tipo di tubazione

### ADVANTAGES

Ease and quick to install  
Reliable  
Suitable for any pipe type

### AVANTAGES

Installation simple et rapide  
Fiable et sûr  
Efficace sur tous types de tuyaux

### VENTAJAS

Fácil y rápido de instalar  
Fiable y seguro  
Adecuado para cualquier tipo de tubo



### Per acquedotti, irrigazione, gas metano, gpl o aria compressa.

For aqueducts, irrigation, methane gas, LPG or compressed air pipelines.

Pour aqueducs, irrigation, méthane, GPL ou air comprimé.

Para acueductos, irrigación, gas metano, GLP o tuberías de aire comprimido.

### Normative

Standards / Normes / Normas

UNI EN 682-2006  
ISO EN 9001



### Fascia in acciaio inox

Stainless steel band  
Bande en acier inoxydable  
Banda de acero inoxidable



### Morsetti in ghisa

Cast iron clamps  
Bride en fonte  
Mordazas de hierro fundido

### Guarnizione in NBR 50 sh

50 sh NBR rubber gasket  
Joint en caoutchouc NBR 50 sh  
Junta de goma NBR 50 sh

### Tiranti in acciaio zincato

Galvanized steel bolts  
Boulons en acier galvanisé  
Pernos de acero galvanizado

## Collare di riparazione ad 1 tirante

Repair clamp saddle with 1 bolt

Collier de réparation avec 1 boulon

Collarin de reparación con 1 perno

### Mod. T1



| CODE: 8149 | DE min | DE max | L  | PN   | PACK         |
|------------|--------|--------|----|------|--------------|
| 8149020023 | 21     | 25     | 80 | 35,0 | 100 G - 10 P |
| 8149023030 | 26     | 30     | 80 | 35,0 | 100 G - 10 P |
| 8149029031 | 29     | 31     | 80 | 35,0 | 100 G - 10 P |
| 8149032037 | 32     | 37     | 80 | 30,0 | 70 G - 10 P  |
| 8149038042 | 38     | 42     | 80 | 30,0 | 55 G         |
| 8149042045 | 42     | 45     | 80 | 25,0 | 50 G         |
| 8149044048 | 44     | 48     | 80 | 25,0 | 50 G         |
| 8149048051 | 48     | 51     | 80 | 25,0 | 40 G         |
| 8149050054 | 50     | 54     | 80 | 22,0 | 40 G         |
| 8149055060 | 55     | 60     | 80 | 22,0 | 30 G         |
| 8149060064 | 60     | 64     | 80 | 20,0 | 25 G         |
| 8149065069 | 65     | 69     | 80 | 20,0 | 20 G         |
| 8149069073 | 69     | 73     | 80 | 20,0 | 20 G         |
| 8149071075 | 71     | 76     | 80 | 18,0 | 20 G         |
| 8149076082 | 76     | 82     | 80 | 18,0 | 15 G         |
| 8149082087 | 82     | 87     | 80 | 15,0 | 15 G         |
| 8149087093 | 87     | 93     | 80 | 15,0 | 15 G         |
| 8149094100 | 94     | 100    | 80 | 15,0 | 15 G         |
| 8149099104 | 99     | 104    | 80 | 15,0 | 10 G         |
| 8149105111 | 105    | 111    | 80 | 13,0 | 10 G         |
| 8149112118 | 112    | 118    | 80 | 13,0 | 10 G         |
| 8149120126 | 120    | 126    | 80 | 13,0 | 10 G         |
| 8149126131 | 126    | 131    | 80 | 10,0 | 10 G         |
| 8149131136 | 131    | 136    | 80 | 10,0 | 10 G         |
| 8149139145 | 139    | 145    | 80 | 10,0 | 5 G          |
| 8149156162 | 156    | 162    | 80 | 8,0  | 5 G          |
| 8149167173 | 167    | 173    | 80 | 8,0  | 5 G          |
| 8149173179 | 173    | 179    | 80 | 8,0  | 5 G          |
| 8149217223 | 217    | 223    | 80 | 8,0  | 4 G          |
| 8149223229 | 223    | 229    | 80 | 6,0  | 4 G          |

## Collare di riparazione a 3 tiranti

Repair clamp saddle with 3 bolts

Collier de réparation avec 3 boulons

Collarin de reparación con 3 pernos

### Mod. T3



| CODE: 8151 | DE min | DE max | L   | PN   | PACK |
|------------|--------|--------|-----|------|------|
| 8151048056 | 48     | 56     | 200 | 32,0 | 8 G  |
| 8151056064 | 56     | 64     | 200 | 31,0 | 8 G  |
| 8151060068 | 60     | 68     | 200 | 30,0 | 8 G  |
| 8151068078 | 68     | 78     | 200 | 29,0 | 8 G  |
| 8151078088 | 78     | 88     | 200 | 28,0 | 8 G  |
| 8151088098 | 88     | 98     | 200 | 26,0 | 5 G  |
| 8151098108 | 98     | 108    | 200 | 25,0 | 4 G  |
| 8151108118 | 108    | 118    | 200 | 23,0 | 4 G  |
| 8151114126 | 114    | 126    | 200 | 22,5 | 4 G  |
| 8151126138 | 126    | 138    | 200 | 21,5 | 4 G  |
| 8151138150 | 138    | 150    | 200 | 20,0 | 1    |
| 8151140153 | 140    | 153    | 200 | 20,0 | 1    |
| 8151150162 | 150    | 162    | 200 | 19,0 | 1    |
| 8151162174 | 162    | 174    | 200 | 17,0 | 1    |
| 8151168182 | 168    | 182    | 200 | 16,5 | 1    |
| 8151174186 | 174    | 186    | 200 | 16,0 | 1    |
| 8151186198 | 186    | 198    | 200 | 15,0 | 1    |
| 8151198210 | 198    | 210    | 200 | 13,5 | 1    |
| 8151210223 | 210    | 223    | 200 | 13,0 | 1    |
| 8151222234 | 222    | 234    | 200 | 12,0 | 1    |
| 8151234246 | 234    | 246    | 200 | 11,0 | 1    |
| 8151243255 | 243    | 255    | 200 | 10,5 | 1    |
| 8151260272 | 260    | 272    | 200 | 9,0  | 1    |
| 8151273285 | 273    | 285    | 200 | 8,5  | 1    |
| 8151285297 | 285    | 297    | 200 | 8,0  | 1    |
| 8151298310 | 298    | 310    | 200 | 8,0  | 1    |
| 8151316328 | 316    | 328    | 200 | 7,0  | 1    |
| 8151327340 | 327    | 340    | 200 | 7,0  | 1    |
| 8151342355 | 342    | 355    | 200 | 6,0  | 1    |
| 8151353365 | 353    | 365    | 200 | 6,0  | 1    |
| 8151368380 | 368    | 380    | 200 | 5,0  | 1    |
| 8151378390 | 378    | 390    | 200 | 5,0  | 1    |



## Collare di riparazione a 4 tiranti

Repair clamp saddle with 4 bolts

Collier de réparation avec 4 boulons

Collarin de reparación con 4 pernos

### Mod. T4



| CODE: 8152 | DE min | DE max | L   | PN   | PACK |
|------------|--------|--------|-----|------|------|
| 8152068078 | 68     | 78     | 300 | 30,0 | 1    |
| 8152078088 | 78     | 88     | 300 | 29,0 | 1    |
| 8152088098 | 88     | 98     | 300 | 28,0 | 1    |
| 8152098108 | 98     | 108    | 300 | 26,0 | 1    |
| 8152108118 | 108    | 118    | 300 | 25,0 | 1    |
| 8152114126 | 114    | 126    | 300 | 23,0 | 1    |
| 8152126138 | 126    | 138    | 300 | 22,5 | 1    |
| 8152138150 | 138    | 150    | 300 | 21,5 | 1    |
| 8152150162 | 150    | 162    | 300 | 19,0 | 1    |
| 8152162174 | 162    | 174    | 300 | 17,0 | 1    |
| 8152168182 | 168    | 182    | 300 | 16,5 | 1    |
| 8152174186 | 174    | 186    | 300 | 16,0 | 1    |
| 8152186198 | 186    | 198    | 300 | 15,0 | 1    |
| 8152198210 | 198    | 210    | 300 | 13,5 | 1    |
| 8152210223 | 210    | 223    | 300 | 13,0 | 1    |
| 8152222234 | 222    | 234    | 300 | 12,0 | 1    |
| 8152234246 | 234    | 246    | 300 | 11,0 | 1    |
| 8152243255 | 243    | 255    | 300 | 10,5 | 1    |
| 8152260272 | 260    | 272    | 300 | 9,0  | 1    |
| 8152273285 | 273    | 285    | 300 | 8,5  | 1    |
| 8152285297 | 285    | 297    | 300 | 8,0  | 1    |
| 8152298310 | 298    | 310    | 300 | 8,0  | 1    |
| 8152316328 | 316    | 328    | 300 | 7,0  | 1    |
| 8152327340 | 327    | 340    | 300 | 7,0  | 1    |
| 8152342355 | 342    | 355    | 300 | 6,0  | 1    |
| 8152353365 | 353    | 365    | 300 | 6,0  | 1    |
| 8152368380 | 368    | 380    | 300 | 5,0  | 1    |
| 8152378390 | 378    | 390    | 300 | 5,0  | 1    |

## Collare di riparazione a 6 tiranti

Repair clamp saddle with 6 bolts

Collier de réparation avec 6 boulons

Collarin de reparación con 6 pernos

### Mod. T6



| CODE: 8153 | DE min | DE max | L   | PN   | PACK |
|------------|--------|--------|-----|------|------|
| 8153088110 | 88     | 110    | 200 | 26,0 | 1    |
| 8153108128 | 108    | 128    | 200 | 24,0 | 1    |
| 8153114137 | 114    | 137    | 200 | 22,5 | 1    |
| 8153138160 | 138    | 160    | 200 | 20,0 | 1    |
| 8153160182 | 160    | 182    | 200 | 17,0 | 1    |
| 8153182202 | 182    | 202    | 200 | 15,5 | 1    |
| 8153202224 | 202    | 224    | 200 | 13,5 | 1    |
| 8153217240 | 217    | 240    | 200 | 12,5 | 1    |
| 8153240262 | 240    | 262    | 200 | 10,5 | 1    |
| 8153262284 | 262    | 284    | 200 | 9,5  | 1    |
| 8153273296 | 273    | 296    | 200 | 9,0  | 1    |
| 8153296319 | 296    | 319    | 200 | 8,0  | 1    |
| 8153324346 | 324    | 346    | 200 | 6,5  | 1    |
| 8153346368 | 346    | 368    | 200 | 6,0  | 1    |
| 8153365387 | 365    | 387    | 200 | 5,5  | 1    |
| 8153387410 | 387    | 410    | 200 | 4,5  | 1    |
| 8153410432 | 410    | 432    | 200 | 4,0  | 1    |
| 8153428450 | 428    | 450    | 200 | 3,5  | 1    |
| 8153450474 | 450    | 474    | 200 | 3,0  | 1    |
| 8153470492 | 470    | 492    | 200 | 2,5  | 1    |
| 8153492516 | 492    | 516    | 200 | 2,5  | 1    |

## Collare di riparazione a 8 tiranti

Repair clamp saddle with 8 bolts

Collier de reparation avec 8 boulons

Collarin de reparación con 8 pernos

### Mod. T8



| CODE: 8154 | DE min | DE max | L   | PN   | PACK |
|------------|--------|--------|-----|------|------|
| 8154088110 | 88     | 110    | 300 | 26,0 | 1    |
| 8154108128 | 108    | 128    | 300 | 24,0 | 1    |
| 8154114137 | 114    | 137    | 300 | 22,5 | 1    |
| 8154138160 | 138    | 160    | 300 | 20,0 | 1    |
| 8154160182 | 160    | 182    | 300 | 17,0 | 1    |
| 8154182202 | 182    | 202    | 300 | 15,5 | 1    |
| 8154202224 | 202    | 224    | 300 | 13,5 | 1    |
| 8154217240 | 217    | 240    | 300 | 12,5 | 1    |
| 8154240262 | 240    | 262    | 300 | 10,5 | 1    |
| 8154262284 | 262    | 284    | 300 | 9,5  | 1    |
| 8154273296 | 273    | 296    | 300 | 9,0  | 1    |
| 8154296319 | 296    | 319    | 300 | 8,0  | 1    |
| 8154324346 | 324    | 346    | 300 | 6,5  | 1    |
| 8154346368 | 346    | 368    | 300 | 6,0  | 1    |
| 8154365387 | 365    | 387    | 300 | 5,5  | 1    |
| 8154387410 | 387    | 410    | 300 | 4,5  | 1    |
| 8154410432 | 410    | 432    | 300 | 4,0  | 1    |
| 8154428450 | 428    | 450    | 300 | 3,5  | 1    |
| 8154450474 | 450    | 474    | 300 | 3,0  | 1    |
| 8154470492 | 470    | 492    | 300 | 2,5  | 1    |
| 8154492516 | 492    | 516    | 300 | 2,5  | 1    |

## Collare di riparazione a 9 tiranti

Repair clamp saddle with 9 bolts

Collier de reparation avec 9 boulons

Collarin de reparación con 9 pernos

### Mod. T9



| CODE: 8155 | DE min | DE max | L   | PN  | PACK |
|------------|--------|--------|-----|-----|------|
| 8155300330 | 300    | 330    | 200 | 7,0 | 1    |
| 8155330360 | 330    | 360    | 200 | 6,0 | 1    |
| 8155360390 | 360    | 390    | 200 | 5,5 | 1    |
| 8155390420 | 390    | 420    | 200 | 4,0 | 1    |
| 8155420450 | 420    | 450    | 200 | 3,5 | 1    |
| 8155450480 | 450    | 480    | 200 | 3,0 | 1    |
| 8155480510 | 480    | 510    | 200 | 2,5 | 1    |
| 8155510540 | 510    | 540    | 200 | 2,0 | 1    |
| 8155540570 | 540    | 570    | 200 | 2,0 | 1    |
| 8155570600 | 570    | 600    | 200 | 2,0 | 1    |
| 8155600630 | 600    | 630    | 200 | 2,0 | 1    |
| 8155630660 | 630    | 660    | 200 | 2,0 | 1    |
| 8155660690 | 660    | 690    | 200 | 2,0 | 1    |
| 8155690720 | 690    | 720    | 200 | 2,0 | 1    |
| 8155720750 | 720    | 750    | 200 | 2,0 | 1    |



## Collare di riparazione a 12 tiranti

Repair clamp saddle with 12 bolts

Collier de reparation avec 12 boulons

Collarin de reparación con 12 pernos

### Mod. T12



| CODE: 8156 | DE min | DE max | L   | PN  | PACK |
|------------|--------|--------|-----|-----|------|
| 8156300330 | 300    | 330    | 300 | 7,0 | 1    |
| 8156330360 | 330    | 360    | 300 | 6,0 | 1    |
| 8156360390 | 360    | 390    | 300 | 5,5 | 1    |
| 8156390420 | 390    | 420    | 300 | 4,0 | 1    |
| 8156420450 | 420    | 450    | 300 | 3,5 | 1    |
| 8156450480 | 450    | 480    | 300 | 3,0 | 1    |
| 8156480510 | 480    | 510    | 300 | 2,5 | 1    |
| 8156510540 | 510    | 540    | 300 | 2,0 | 1    |
| 8156540570 | 540    | 570    | 300 | 2,0 | 1    |
| 8156570600 | 570    | 600    | 300 | 2,0 | 1    |
| 8156600630 | 600    | 630    | 300 | 2,0 | 1    |
| 8156630660 | 630    | 660    | 300 | 2,0 | 1    |
| 8156660690 | 660    | 690    | 300 | 2,0 | 1    |
| 8156690720 | 690    | 720    | 300 | 2,0 | 1    |
| 8156720750 | 720    | 750    | 300 | 2,0 | 1    |



## Ala gocciolante leggera

Drip line with flat emitter  
Tube goutte à goutte  
Cinta de goteo con gotero plano



### VANTAGGI

Concetto anti-occlusione  
con filtrazione 3d  
Eccellente uniformità  
di distribuzione: cv < 3,0  
Elevato risparmio idrico

### ADVANTAGES

Anticlogging 3d filtration concept  
Excellent flow rate uniformity cv < 3,0  
High water saving

### AVANTAGES

Filtration 3d anti-colmatage  
Excellente uniformité du débit cv < 3,0  
économie d'eau élevée

### VENTAJAS

Concepto de filtración 3d contra  
la obstrucción  
Excelente uniformidad  
de caudal cv < 3,0  
Alto ahorro de agua



#### Flusso ad elevata turbolenza

Guaranteed water turbulence  
Turbulence de l'eau garantie  
Turbulencia de agua garantizada

#### Labirinto ampio e profondo

Deep and wide flow path  
Labyrinthe profond et à large section  
Laberinto de sección profunda y amplia

#### Filtro a sezione tridimensionale

Large 3D filtration area  
Large zone de filtration 3D  
Amplia área de filtración 3D

0,60 L/h  
1,00 L/h  
1,50 L/h  
2,00 L/h  
@ 0,7 bar

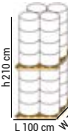
0,71 L/h  
1,19 L/h  
1,79 L/h  
2,38 L/h  
@ 1,0 bar



10 cm  
15 cm  
20 cm  
25 cm  
30 cm  
40 cm  
50 cm ...

130 micron  
120 mesh  
1,0 / 1,5 / 2,0 L/h

100 micron  
150 mesh  
0,6 L/h

|  |     |       |     |         |       |      |       |      |       |      |       |      |       |      |       |      |       |      |  |
|-----------------------------------------------------------------------------------|-----|-------|-----|---------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------------------------------------------------------------------------------------|
| Ø                                                                                 | mil | mm    | bar | bar max | 10 cm |      | 15 cm |      | 20 cm |      | 25 cm |      | 30 cm |      | 40 cm |      | 50 cm |      | coils x pallet                                                                      |
|                                                                                   |     |       |     |         | m     | kg   | m     | kg   | m     | kg   | m     | kg   | m     | kg   | m     | kg   | m     | kg   |                                                                                     |
|                                                                                   |     |       |     |         |       |      |       |      |       |      |       |      |       |      |       |      |       |      |                                                                                     |
| 16                                                                                | 5   | 0,125 | 0,6 | 0,7     | 2.300 | 20,8 | 2.700 | 21,8 | 3.000 | 22,8 | 3.200 | 23,3 | 3.500 | 24,8 | 3.900 | 26,6 | 4.200 | 28,0 | 16 - 28 - 32                                                                        |
| 16                                                                                | 6   | 0,150 | 0,7 | 0,8     | 2.000 | 20,6 | 2.400 | 22,3 | 2.700 | 23,8 | 2.900 | 24,6 | 3.200 | 26,5 | 3.400 | 27,3 | 3.600 | 28,4 | 16 - 28 - 32                                                                        |
| 16                                                                                | 7   | 0,175 | 0,7 | 0,9     | 1.700 | 19,9 | 2.100 | 22,4 | 2.400 | 24,4 | 2.700 | 26,6 | 3.000 | 28,9 | 3.200 | 30,0 | 3.400 | 31,4 | 16 - 28 - 32                                                                        |
| 16                                                                                | 8   | 0,200 | 0,7 | 1,0     | 1.600 | 20,4 | 1.900 | 22,3 | 2.100 | 23,6 | 2.200 | 24,1 | 2.400 | 25,8 | 2.600 | 27,3 | 2.800 | 28,9 | 16 - 28 - 32                                                                        |
| 16                                                                                | 10  | 0,250 | 0,7 | 1,1     | 1.300 | 19,8 | 1.600 | 22,7 | 1.800 | 24,6 | 1.900 | 25,4 | 2.000 | 26,4 | 2.100 | 27,2 | 2.300 | 29,3 | 16 - 28 - 32                                                                        |
| 16                                                                                | 12  | 0,300 | 0,7 | 1,3     | 1.100 | 19,4 | 1.400 | 23,2 | 1.500 | 24,1 | 1.600 | 25,2 | 1.700 | 26,5 | 1.800 | 27,5 | 1.900 | 28,8 | 16 - 28 - 32                                                                        |
| 16                                                                                | 15  | 0,380 | 0,7 | 1,5     | 700   | 15,1 | 950   | 19,4 | 1.000 | 19,9 | 1.050 | 20,6 | 1.100 | 21,3 | 1.150 | 22,0 | 1.200 | 22,7 | 16 - 28 - 32                                                                        |
| 16                                                                                | 18  | 0,450 | 0,7 | 1,7     | 800   | 20,0 | 800   | 19,3 | 800   | 18,9 | 800   | 18,7 | 800   | 18,5 | 800   | 18,3 | 800   | 18,2 | 16 - 28 - 32                                                                        |
| 16                                                                                | 25  | 0,600 | 0,7 | 2,0     | 600   | 19,4 | 600   | 18,8 | 600   | 18,6 | 600   | 18,4 | 600   | 18,3 | 600   | 18,2 | 600   | 18,1 | 16 - 28 - 32                                                                        |
| 16                                                                                | 30  | 0,760 | 0,7 | 2,0     | 400   | 16,0 | 400   | 15,7 | 400   | 15,5 | 400   | 15,4 | 400   | 15,3 | 400   | 15,2 | 400   | 15,1 | 16 - 28 - 32                                                                        |
| 16                                                                                | 35  | 0,890 | 0,7 | 2,0     | 350   | 16,6 | 350   | 16,3 | 350   | 16,1 | 350   | 16,0 | 350   | 15,9 | 350   | 15,9 | 350   | 15,8 | 16 - 28 - 32                                                                        |
| 22                                                                                | 6   | 0,150 | 0,6 | 0,7     | 1.600 | 20,9 | 2.000 | 24,0 | 2.200 | 25,3 | 2.300 | 25,8 | 2.500 | 27,5 | 2.600 | 28,0 | 2.800 | 29,7 | 16 - 28 - 32                                                                        |
| 22                                                                                | 7   | 0,175 | 0,7 | 0,8     | 1.500 | 22,3 | 1.800 | 25,0 | 1.900 | 25,5 | 2.000 | 26,2 | 2.200 | 28,3 | 2.300 | 29,0 | 2.400 | 29,9 | 16 - 28 - 32                                                                        |
| 22                                                                                | 8   | 0,200 | 0,7 | 0,9     | 1.300 | 21,3 | 1.600 | 24,6 | 1.700 | 25,3 | 1.800 | 26,2 | 1.900 | 27,3 | 2.000 | 28,2 | 2.100 | 29,3 | 16 - 28 - 32                                                                        |
| 22                                                                                | 10  | 0,250 | 0,7 | 1,0     | 1.000 | 18,9 | 1.200 | 22,6 | 1.300 | 23,8 | 1.400 | 25,1 | 1.500 | 26,6 | 1.600 | 27,9 | 1.700 | 29,4 | 16 - 28 - 32                                                                        |
| 22                                                                                | 12  | 0,300 | 0,7 | 1,1     | 850   | 19,7 | 900   | 20,0 | 950   | 20,6 | 1.000 | 21,4 | 1.050 | 22,3 | 1.100 | 23,0 | 1.150 | 23,9 | 16 - 28 - 32                                                                        |
| 22                                                                                | 15  | 0,380 | 0,7 | 1,3     | 650   | 18,4 | 700   | 19,2 | 700   | 18,8 | 750   | 19,9 | 750   | 19,8 | 800   | 20,8 | 800   | 20,7 | 16 - 28 - 32                                                                        |
| 22                                                                                | 18  | 0,450 | 0,7 | 1,5     | 550   | 18,3 | 550   | 17,9 | 550   | 17,6 | 550   | 17,5 | 550   | 17,4 | 600   | 18,7 | 600   | 18,7 | 16 - 28 - 32                                                                        |
| 29                                                                                | 10  | 0,250 | 0,7 | 0,9     | -     | -    | 950   | 22,9 | 1.000 | 23,6 | 1.050 | 24,5 | 1.050 | 24,3 | 1.100 | 25,1 | 1.150 | 26,1 | 16 - 28 - 32                                                                        |
| 29                                                                                | 12  | 0,300 | 0,7 | 1,0     | -     | -    | 800   | 22,8 | 850   | 23,8 | 900   | 24,9 | 900   | 24,8 | 1.000 | 27,2 | 1.000 | 27,0 | 16 - 28 - 32                                                                        |
| 29                                                                                | 15  | 0,380 | 0,7 | 1,1     | -     | -    | 650   | 22,9 | 650   | 22,6 | 700   | 24,0 | 700   | 23,9 | 700   | 23,7 | 750   | 25,3 | 16 - 28 - 32                                                                        |
| 29                                                                                | 18  | 0,450 | 0,7 | 1,3     | -     | -    | 550   | 23,0 | 550   | 22,7 | 550   | 22,6 | 550   | 22,5 | 550   | 22,3 | 550   | 22,3 | 16 - 28 - 32                                                                        |

## Half coil

|  |     |       |     |         |       |      |       |      |       |      |       |      |       |      |       |      |       |      |                |
|------------------------------------------------------------------------------------|-----|-------|-----|---------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|----------------|
| Ø                                                                                  | mil | mm    | bar | bar max | 10 cm |      | 15 cm |      | 20 cm |      | 25 cm |      | 30 cm |      | 40 cm |      | 50 cm |      | coils x pallet |
|                                                                                    |     |       |     |         | m     | kg   | m     | kg   | m     | kg   | m     | kg   | m     | kg   | m     | kg   | m     | kg   |                |
| 16                                                                                 | 6   | 0,150 | 0,7 | 0,8     | -     | -    | 1.200 | 11,4 | 1.350 | 12,1 | 1.450 | 12,5 | 1.600 | 13,5 | 1.700 | 13,9 | 1.800 | 14,4 | 56             |
| 16                                                                                 | 7   | 0,175 | 0,7 | 0,9     | 850   | 10,0 | -     | -    | 1.200 | 12,0 | 1.350 | 13,3 | 1.500 | 14,5 | 1.600 | 15,0 | 1.700 | 15,7 | 56             |
| 16                                                                                 | 8   | 0,200 | 0,7 | 1,0     | 800   | 13,0 | -     | -    | -     | -    | 1.100 | 12,3 | 1.200 | 13,1 | 1.300 | 13,9 | 1.400 | 14,7 | 56             |

## 1000m coil

|    |     |       |     |         |       |      |       |      |       |      |  |      |  |      |       |      |       |      |                |
|----|-----|-------|-----|---------|-------|------|-------|------|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|------|-------|------|-------|------|----------------|
| Ø  | mil | mm    | bar | bar max | 10 cm |      | 15 cm |      | 20 cm |      | 25 cm                                                                               |      | 30 cm                                                                                 |      | 40 cm |      | 50 cm |      | coils x pallet |
|    |     |       |     |         | m     | kg   | m     | kg   | m     | kg   | m                                                                                   | kg   | m                                                                                     | kg   | m     | kg   | m     | kg   |                |
|    |     |       |     |         |       |      |       |      |       |      |                                                                                     |      |                                                                                       |      |       |      |       |      |                |
| 16 | 6   | 0,150 | 0,7 | 0,8     | 1.000 | 9,7  | 1.000 | 8,7  | 1.000 | 8,2  | 1.000                                                                               | 7,9  | 1.000                                                                                 | 7,7  | 1.000 | 7,5  | 1.000 | 7,3  | 72             |
| 16 | 7   | 0,175 | 0,7 | 0,9     | 1.000 | 11,6 | 1.000 | 10,8 | 1.000 | 10,3 | 1.000                                                                               | 10,0 | 1.000                                                                                 | 9,8  | 1.000 | 9,6  | 1.000 | 9,4  | 72             |
| 16 | 8   | 0,200 | 0,7 | 1,0     | 1.000 | 13,4 | 1.000 | 12,4 | 1.000 | 11,9 | 1.000                                                                               | 11,6 | 1.000                                                                                 | 11,4 | 1.000 | 11,1 | 1.000 | 11,0 | 60             |

## 200m coil

|    |     |       |     |         |       |     |       |     |       |     |       |     |       |     |       |     |       |     |  |                |
|----|-----|-------|-----|---------|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|--------------------------------------------------------------------------------------|----------------|
| Ø  | mil | mm    | bar | bar max | 10 cm |     | 15 cm |     | 20 cm |     | 25 cm |     | 30 cm |     | 40 cm |     | 50 cm |     |                                                                                      | coils x pallet |
|    |     |       |     |         | m     | kg  | m     | kg  | m     | kg  | m     | kg  | m     | kg  | m     | kg  | m     | kg  |                                                                                      |                |
| 16 | 6   | 0,125 | 0,7 | 0,7     | 200   | 2,2 | 200   | 2,1 | 200   | 2,0 | 200   | 2,0 | 200   | 1,9 | 200   | 1,9 | 200   | 1,9 | 176                                                                                  |                |
| 16 | 7   | 0,175 | 0,7 | 0,8     | 200   | 2,4 | 200   | 2,3 | 200   | 2,2 | 200   | 2,2 | 200   | 2,2 | 200   | 2,1 | 200   | 2,1 | 176                                                                                  |                |
| 16 | 8   | 0,200 | 0,7 | 0,9     | 200   | 2,7 | 200   | 2,6 | 200   | 2,5 | 200   | 2,4 | 200   | 2,4 | 200   | 2,3 | 200   | 2,3 | 176                                                                                  |                |

## 100m coil

|    |     |       |     |         |       |     |       |     |       |  |       |     |       |     |       |     |       |     |                |  |  |  |  |  |  |
|----|-----|-------|-----|---------|-------|-----|-------|-----|-------|-------------------------------------------------------------------------------------|-------|-----|-------|-----|-------|-----|-------|-----|----------------|--|--|--|--|---------------------------------------------------------------------------------------|--|
| Ø  | mil | mm    | bar | bar max | 10 cm |     | 15 cm |     | 20 cm |                                                                                     | 25 cm |     | 30 cm |     | 40 cm |     | 50 cm |     | coils x pallet |  |  |  |  |                                                                                       |  |
|    |     |       |     |         | m     | kg  | m     | kg  | m     | kg                                                                                  | m     | kg  | m     | kg  | m     | kg  | m     | kg  |                |  |  |  |  |                                                                                       |  |
|    |     |       |     |         |       |     |       |     |       |                                                                                     |       |     |       |     |       |     |       |     |                |  |  |  |  |                                                                                       |  |
| 16 | 6   | 0,125 | 0,7 | 0,7     | 100   | 1,1 | 100   | 1,1 | 100   | 1,0                                                                                 | 100   | 1,0 | 100   | 1,0 | 100   | 0,9 | 100   | 0,9 | 368            |  |  |  |  |                                                                                       |  |
| 16 | 7   | 0,175 | 0,7 | 0,8     | 100   | 1,2 | 100   | 1,2 | 100   | 1,1                                                                                 | 100   | 1,1 | 100   | 1,1 | 100   | 1,1 | 100   | 1,0 | 368            |  |  |  |  |                                                                                       |  |
| 16 | 8   | 0,200 | 0,7 | 0,9     | 100   | 1,3 | 100   | 1,3 | 100   | 1,2                                                                                 | 100   | 1,2 | 100   | 1,2 | 100   | 1,2 | 100   | 1,2 | 368            |  |  |  |  |                                                                                       |  |

**mago**  
HIGH PERFORMANCE DRIP TAPE



**sky**  
QUALITY DRIP TAPE



## Manichette gocciolanti

Drip irrigation tape  
Gaine goutte à goutte  
Cinta de goteo

### VANTAGGI

Eccellente uniformità  
di distribuzione  
Alta resistenza all'occlusione  
Elevato risparmio idrico

### ADVANTAGES

Superior distribution uniformity  
Greater resistance to clogging  
High water saving

### AVANTAGES

Excellente uniformité de distribution  
Meilleure résistance au colmatage  
Elevée économie d'eau

### VENTAJAS

Excelente uniformidad de erogación  
Alta resistencia a la oclusión  
Elevado ahorro de agua



#### Flusso turbolento

Turbulent flow  
Flux turbulent  
Flujo turbolento

#### Labirinto ad ampia sezione

Large section labyrinth  
Labyrinthe à section large  
Laberinto de sección amplia

#### Gocciolatore anti reflusso

Anti-reflux slit emitter  
Orifice anti-reflux  
Gotero protegido

#### Filtro d'ingresso

Inlet filter  
Filtre d'entrée  
Filtro de entrada



0,3 L/h  
0,6 L/h  
1,0 L/h @ 0,7 bar  
1,5 L/h  
2,0 L/h



10 cm  
15 cm  
20 cm  
30 cm  
40 cm



100 micron  
150 mesh

## Main coil

CODE: 33L



| Ø  | mil | mm    | bar | bar max | m    | Kg   |
|----|-----|-------|-----|---------|------|------|
| 16 | 5   | 0,125 | 0,6 | 0,7     | 3500 | 30,0 |
| 16 | 6   | 0,150 | 0,7 | 0,8     | 3000 | 29,5 |
| 16 | 7   | 0,175 | 0,7 | 0,9     | 2500 | 26,5 |
| 16 | 8   | 0,200 | 0,7 | 1,0     | 2200 | 27,0 |
| 16 | 10  | 0,250 | 0,7 | 1,1     | 1800 | 25,0 |
| 16 | 12  | 0,300 | 0,7 | 1,3     | 1500 | 24,0 |
| 16 | 15  | 0,375 | 0,7 | 1,5     | 1200 | 23,0 |
| 22 | 6   | 0,150 | 0,6 | 0,7     | 2200 | 28,0 |
| 22 | 7   | 0,175 | 0,7 | 0,8     | 2000 | 27,0 |
| 22 | 8   | 0,200 | 0,7 | 0,9     | 1700 | 27,0 |
| 22 | 10  | 0,250 | 0,7 | 1,0     | 1300 | 26,0 |
| 22 | 12  | 0,300 | 0,7 | 1,1     | 1000 | 24,0 |

## Half coil



| Ø  | mil | mm    | bar | bar max | m    | Kg   |
|----|-----|-------|-----|---------|------|------|
| 16 | 5   | 0,125 | 0,6 | 0,7     | 1750 | 15,4 |
| 16 | 6   | 0,150 | 0,7 | 0,8     | 1500 | 15,2 |
| 16 | 7   | 0,175 | 0,7 | 0,9     | 1250 | 13,4 |
| 16 | 8   | 0,200 | 0,7 | 1,0     | 1100 | 13,7 |

## 1000m coil



| Ø  | mil | mm    | bar | bar max | m    | Kg   |
|----|-----|-------|-----|---------|------|------|
| -  | -   | -     | -   | -       | -    | -    |
| 16 | 6   | 0,150 | 0,7 | 0,8     | 1000 | 10,2 |
| 16 | 7   | 0,175 | 0,7 | 0,9     | 1000 | 10,7 |
| 16 | 8   | 0,200 | 0,7 | 1,0     | 1000 | 12,4 |

## 200m coil



| Ø  | mil | mm    | bar | bar max | m   | Kg  |
|----|-----|-------|-----|---------|-----|-----|
| 16 | 6   | 0,150 | 0,7 | 0,8     | 200 | 2,2 |
| 16 | 7   | 0,175 | 0,7 | 0,9     | 200 | 2,5 |
| 16 | 8   | 0,200 | 0,7 | 1,0     | 200 | 2,6 |

## 100m coil



| Ø  | mil | mm    | bar | bar max | m   | Kg  |
|----|-----|-------|-----|---------|-----|-----|
| 16 | 6   | 0,150 | 0,7 | 0,8     | 100 | 1,3 |
| 16 | 7   | 0,175 | 0,7 | 0,9     | 100 | 1,3 |
| 16 | 8   | 0,200 | 0,7 | 1,0     | 100 | 1,5 |

## Main coil

CODE: 34B



| Ø  | mil | mm    | bar | bar max | m    | Kg   |
|----|-----|-------|-----|---------|------|------|
| 16 | 5   | 0,125 | 0,6 | 0,7     | 3500 | 30,5 |
| 16 | 6   | 0,150 | 0,7 | 0,8     | 3000 | 30,0 |
| 16 | 7   | 0,175 | 0,7 | 0,9     | 2500 | 26,5 |
| 16 | 8   | 0,200 | 0,7 | 1,0     | 2200 | 27,0 |
| 16 | 10  | 0,250 | 0,7 | 1,1     | 1800 | 25,0 |

## Half coil



| Ø  | mil | mm    | bar | bar max | m    | Kg   |
|----|-----|-------|-----|---------|------|------|
| 16 | 5   | 0,125 | 0,6 | 0,7     | 1750 | 15,4 |
| 16 | 6   | 0,150 | 0,7 | 0,8     | 1500 | 15,2 |
| 16 | 7   | 0,175 | 0,7 | 0,9     | 1250 | 13,5 |
| 16 | 8   | 0,200 | 0,7 | 1,0     | 1100 | 13,7 |

## 1000m coil



| Ø  | mil | mm    | bar | bar max | m    | Kg   |
|----|-----|-------|-----|---------|------|------|
| -  | -   | -     | -   | -       | -    | -    |
| 16 | 6   | 0,150 | 0,7 | 0,8     | 1000 | 10,2 |
| 16 | 7   | 0,175 | 0,7 | 0,9     | 1000 | 10,7 |
| 16 | 8   | 0,200 | 0,7 | 1,0     | 1000 | 12,4 |

## 200m coil

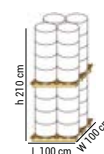


| Ø  | mil | mm    | bar | bar max | m   | Kg  |
|----|-----|-------|-----|---------|-----|-----|
| 16 | 6   | 0,150 | 0,7 | 0,8     | 200 | 2,2 |
| 16 | 7   | 0,175 | 0,7 | 0,9     | 200 | 2,5 |
| 16 | 8   | 0,200 | 0,7 | 1,0     | 200 | 2,6 |

## 100m coil

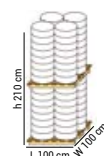


| Ø  | mil | mm    | bar | bar max | m   | Kg  |
|----|-----|-------|-----|---------|-----|-----|
| 16 | 6   | 0,150 | 0,7 | 0,8     | 100 | 1,3 |
| 16 | 7   | 0,175 | 0,7 | 0,9     | 100 | 1,3 |
| 16 | 8   | 0,200 | 0,7 | 1,0     | 100 | 1,5 |



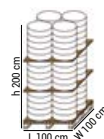
coils x pallet

|              |
|--------------|
| 16 - 28 - 32 |
| 16 - 28 - 32 |
| 16 - 28 - 32 |
| 16 - 28 - 32 |
| 16 - 28 - 32 |
| 16 - 28 - 32 |
| 16 - 28 - 32 |
| 16 - 28 - 32 |
| 16 - 28 - 32 |
| 16 - 28 - 32 |
| 16 - 28 - 32 |



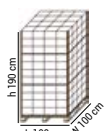
coils x pallet

|    |
|----|
| 56 |
| 56 |
| 56 |
| 56 |



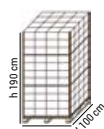
coils x pallet

|    |
|----|
| -  |
| 72 |
| 60 |
| 60 |



coils x pallet

|     |
|-----|
| 176 |
| 176 |
| 176 |



coils x pallet

|     |
|-----|
| 368 |
| 368 |
| 368 |

## Tubo distributore dedicato agli impianti di irrigazione a goccia

Main line designed for drip irrigation systems

Tuyau distributeur dédié aux systèmes d'irrigation à goutte

Tubo distribuidor específico para las instalaciones de riego por goteo

### VANTAGGI

Forte  
Flessibile  
Pratico

### ADVANTAGES

Strong  
Flexible  
Smart

### AVANTAGES

Fort  
Flexible  
Efficace

### VENTAJAS

Robusto  
Flexible  
Eficaz



[PE]

**Protezione anti UV:** tenace e duttile, con anti UV, per una lunga vita utile

**UV-ray protection:** tough and malleable, with anti-UV protection, for a longer lifespan.

**Protection anti-UV:** résistant et souple, doté d'un traitement anti UV, afin d'obtenir une durée de vie plus longue.

**Protección anti-UV:** fuerte y dúctil, con protección anti-UV para una larga vida útil.

[PBT]

**Inserto f/f ½" preinstallato:** personalizzato secondo le necessità del cliente, rende semplice e veloce la posa in campo.

**Pre-installed female threaded ½" outlet:** customized according to your needs, it makes installation quicker and easier.

**Sortie taraudé ½" préinstallée:** personnalisable en fonction de vos besoins, il permet une installation rapide et facile sur le terrain.

**Injerto roscado ½" hembra pre-instalado:** personalizada según las necesidades del cliente, facilita y acelera la instalación en el campo.

[PE]

**Trama di rinforzo:** garantisce la resistenza alla pressione, mantenendo il tubo flessibile e leggero

**Reinforcing web:** guarantees pressure resistance, preserving the pipe light and flexible.

**Trame de renforcement:** assure la résistance à la pression et conserve le tuyau flexible et léger.

**Malla de refuerzo:** garantiza la resistencia a la presión, pero manteniendo el tubo flexible y ligero.

[PE]

**Barriera alla luce:** evita la penetrazione della luce solare, per impedire la formazione di alghe e batteri all'interno del tubo.

**Light barrier:** prevent the penetration of the sunlight, in order to avoid bacteria and algae formation.

**Barrière Lumière:** évite la pénétration de la lumière naturelle, empêchant la formation des algues et des bactéries à l'intérieur du tuyau.

**Barrera a la luz:** evita la penetración de luz solar para impedir la proliferación de algas y bacterias en el interior del tubo.

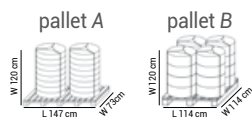
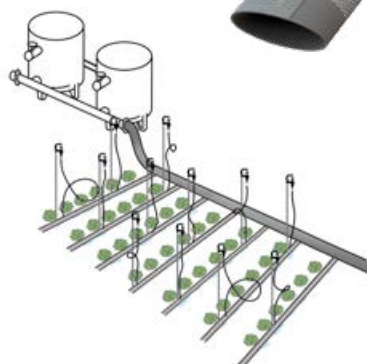


### Un inserto, infinite connessioni

One off-take, endless connections

Un insert, connexions sans fin

Un injerto, conexiones sin fin



| 100m coil |      | 50m coil |     |       |     |     |        |       |          |
|-----------|------|----------|-----|-------|-----|-----|--------|-------|----------|
| code      | Ø mm | D"       | mm  | kg/m  | bar | bar | coil m | coils | x pallet |
| 4004G     | 53   | 2"       | 1,4 | 0,154 | 4,6 | 3,9 | 100    | 20 A  |          |
| 4004L     | 78   | 3"       | 1,5 | 0,272 | 4,0 | 3,4 | 100    | 16 A  |          |
| 4004M     | 104  | 4"       | 1,7 | 0,360 | 3,6 | 3,0 | 100    | 12 A  |          |
| 4004N     | 130  | 5"       | 1,8 | 0,430 | 3,5 | 3,0 | 100    | 10 A  |          |
| 4004P     | 156  | 6"       | 2,0 | 0,620 | 2,5 | 2,0 | 50     | 16 B  |          |

**Inserto filettato 1/2" femmina preinstallato: distanze disponibili**

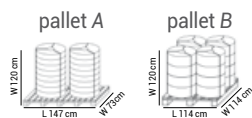
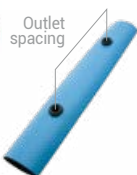
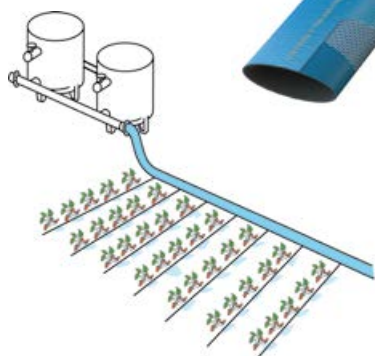
Pre-installed female threaded 1/2" outlet: available spacings

Sortie taraudé 1/2" préinstallée: espacements disponibles

Injerto roscado 1/2" hembra pre-instalado: separaciones disponibles

| cm |    |    |     |     |     |     |     |     |             |
|----|----|----|-----|-----|-----|-----|-----|-----|-------------|
| 50 | 75 | 90 | 100 | 110 | 120 | 130 | 140 | 150 | 160 180 200 |

\*altre distanze su richiesta / other spacings available on request / autres espacements disponibles sur demande/ separaciones personalizadas disponibles



| 100m coil |      | 50m coil |     |       |     |     |        |       |          |
|-----------|------|----------|-----|-------|-----|-----|--------|-------|----------|
| code      | Ø mm | D"       | mm  | kg/m  | bar | bar | coil m | coils | x pallet |
| 4003G     | 53   | 2"       | 1,3 | 0,152 | 3,0 | 2,6 | 100    | 20 A  |          |
| 4003L     | 78   | 3"       | 1,4 | 0,265 | 3,0 | 2,6 | 100    | 16 A  |          |
| 4003M     | 104  | 4"       | 1,4 | 0,303 | 3,0 | 2,5 | 100    | 12 A  |          |
| 4003N     | 130  | 5"       | 1,5 | 0,393 | 2,5 | 2,1 | 100    | 10 A  |          |
| 4003P     | 156  | 6"       | 1,6 | 0,609 | 1,6 | 1,4 | 50     | 16 B  |          |

**Inserto filettato 1/2" femmina preinstallato: distanze disponibili**

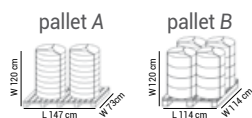
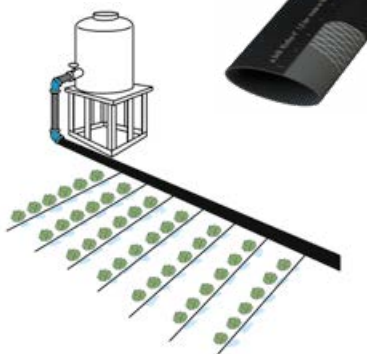
Pre-installed female threaded 1/2" outlet: available spacings

Sortie taraudé 1/2" préinstallée: espacements disponibles

Injerto roscado 1/2" hembra pre-instalado: separaciones disponibles

| cm |    |    |     |     |     |     |     |     |             |
|----|----|----|-----|-----|-----|-----|-----|-----|-------------|
| 50 | 75 | 90 | 100 | 110 | 120 | 130 | 140 | 150 | 160 180 200 |

\*altre distanze su richiesta / other spacings available on request / autres espacements disponibles sur demande/ separaciones personalizadas disponibles



| 100m coil |      | 50m coil |     |       |     |     |        |       |          |
|-----------|------|----------|-----|-------|-----|-----|--------|-------|----------|
| code      | Ø mm | D"       | mm  | kg/m  | bar | bar | coil m | coils | x pallet |
| 4002G     | 53   | 2"       | 1,2 | 0,150 | 2,5 | 2,2 | 100    | 20 A  |          |
| 4002L     | 78   | 3"       | 1,3 | 0,250 | 2,2 | 2,0 | 100    | 16 A  |          |
| 4002M     | 104  | 4"       | 1,3 | 0,296 | 2,0 | 1,7 | 100    | 12 A  |          |

**Inserto filettato 1/2" femmina preinstallato: distanze disponibili**

Pre-installed female threaded 1/2" outlet: available spacings

Sortie taraudé 1/2" préinstallée: espacements disponibles

Injerto roscado 1/2" hembra pre-instalado: separaciones disponibles

| cm |    |    |     |     |     |     |     |     |             |
|----|----|----|-----|-----|-----|-----|-----|-----|-------------|
| 50 | 75 | 90 | 100 | 110 | 120 | 130 | 140 | 150 | 160 180 200 |

\*altre distanze su richiesta / other spacings available on request / autres espacements disponibles sur demande/ separaciones personalizadas disponibles

### Gomito Tape - f/m

90° elbow tape - male threaded

Coude à 90° gaine - fileté

Codo a 90° cinta - rosca macho



NEW



### T a 90° - f/m

90° tee tape - male threaded

Té à 90° gaine - fileté

T a 90° cinta - rosca macho



NEW

| CODE: 02034  | Ø x D"      | PACK         |
|--------------|-------------|--------------|
| 02034001600B | 16 x 1/2"   | 750 B - 50 P |
| 02034002200B | 22 x 1/2"   | 600 B - 50 P |
| 729400B      | O-ring 1/2" | 50 P         |

| CODE: 02032  | Ø x D"      | PACK         |
|--------------|-------------|--------------|
| 02032001600B | 16 x 1/2"   | 400 B - 50 P |
| 02032002200B | 22 x 1/2"   | 350 B - 50 P |
| 729400B      | O-ring 1/2" | 50 P         |

## Inserto f/f per RioFlex

Female threaded insert for RioFlex  
Insert taraudé pour RioFlex  
Injerto rosca hembra para RioFlex



| CODE: 02046  | D"   |    | PACK          |
|--------------|------|----|---------------|
| 0204601600BR | 1/2" | 14 | 400 C - 100 P |
| 0204601600CR | 3/4" | 14 | 300 C - 100 P |

## Raccordo tape - RioFlex

Tape - RioFlex off-take adaptor  
Raccord gainé - RioFlex  
Enlace cinta - RioFlex



| CODE: 02055 | Ø  |    | PACK         |
|-------------|----|----|--------------|
| 02055016014 | 16 | 14 | 500 B - 50 P |
| 02055022014 | 22 | 14 | 300 B - 50 P |

## Valvolina tape - RioFlex

Tape - RioFlex off-take valve  
Vanne gainée - RioFlex  
Válvula cinta - RioFlex



| CODE: 02255 | Ø  |    | PACK         |
|-------------|----|----|--------------|
| 02255016014 | 16 | 14 | 250 B - 50 P |
| 02255022014 | 22 | 14 | 200 B - 50 P |

## Chiave per inserti RioFlex

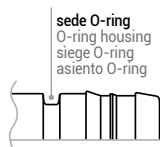
RioFlex fittings inserting tool  
Clé pour dérivation RioFlex  
Llave para injertar empalmes en el tubo RioFlex



| CODE: 79198 |      |      | PACK |
|-------------|------|------|------|
| 79198001012 | 12mm | 14mm | 10 P |

## Tappo RioFlex

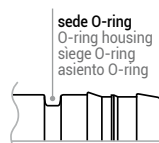
RioFlex plug  
Bouchon pour RioFlex  
Tapón para RioFlex



| CODE: 9761  | RioFlex LAYflat | PACK  |
|-------------|-----------------|-------|
| 976100G000B | 53 - 2"         | 120 B |
| 976100L000B | 78 - 3"         | 60 B  |
| 976100M000B | 104 - 4"        | 24 B  |
| 976100N000B | 130 - 5"        | 16 B  |
| 976100P000B | 156 - 6"        | 8 B   |

## Cannotto RioFlex

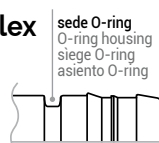
Barbed RioFlex connector  
Manchon pour RioFlex  
Empalme para RioFlex



| CODE: 9741  | RioFlex LAYflat | PACK |
|-------------|-----------------|------|
| 974100G000B | 53 - 2"         | 80 B |
| 974100L000B | 78 - 3"         | 35 B |
| 974100M000B | 104 - 4"        | 15 B |
| 974100N000B | 130 - 5"        | 8 B  |
| 974100P000B | 156 - 6"        | 6 B  |

## Raccordo F/M RioFlex

RioFlex male adaptor  
Raccord fileté pour RioFlex  
Empalme macho para RioFlex



| CODE: 9751  | RioFlex LAYflat | x D" | PACK |
|-------------|-----------------|------|------|
| 975100G000B | 53 - 2"         | x 2" | 85 B |
| 975100L000B | 78 - 3"         | x 3" | 40 B |
| 975100M000B | 104 - 4"        | x 4" | 20 B |
| 975100N000B | 130 - 5"        | x 4" | 16 B |
| 975100P000B | 156 - 6"        | x 4" | 8 B  |

## Inserto f/f 1/2" per sprinkler

1/2" female threaded insert for sprinkler  
Insert taraudé 1/2" pour asperseur  
Injerto rosca hembra 1/2" para aspersor



| CODE: 02047R | D"   |    | PACK          |
|--------------|------|----|---------------|
| 0204701600BR | 1/2" | 14 | 500 C - 100 P |

## Adattatore per sprinkler

Sprinkler adaptor  
Adapteur pour asperseur  
Adaptador para aspersor



| CODE: 020471 | Ø x Ø    | PACK           |
|--------------|----------|----------------|
| 0204700100B  | 8 x 1/2" | 1000 C - 100 P |
| 729400B      | 1/2"     | 50 P           |

## Tappo

Plug / Bouchon / Tapón



| CODE: 020470 | Ø    | PACK           |
|--------------|------|----------------|
| 0204700000B  | 1/2" | 1000 C - 100 P |
| 729400B      | 1/2" | 50 P           |

## Connettore plug-in per tubicino 9x12

Plug-in connector for PVC 9x12 pipe  
Connecteur plug-in pour tuyau flexible en PVC 9x12 / Conector plug-in para tubo PVC 9x12



| CODE: 020479 | PLUG-IN | Ø PVC pipe | PACK           |
|--------------|---------|------------|----------------|
| 02047009012  | 8 mm    | 9 x 12     | 1000 C - 100 P |

## Pinza foratrice per tubo RioFlex

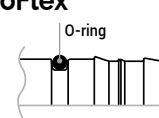
RioFlex hose punch  
Pince pour tuyaux RioFlex  
Perforadora para tubo RioFlex



| CODE: 2001 |    | PACK |
|------------|----|------|
| 2001014    | 14 | 36   |

## O-ring per raccordi RioFlex

O-ring for RioFlex barbed fittings  
O-ring pour raccords RioFlex  
O-ring para accesorios RioFlex



| CODE: 7295 | RioFlex LAYflat | BAG |
|------------|-----------------|-----|
| 729500G    | 53 - 2"         | 10  |
| 729500L    | 78 - 3"         | 10  |
| 729500M    | 104 - 4"        | 10  |
| 729500N    | 130 - 5"        | 10  |
| 729500P    | 156 - 6"        | 10  |

## Fascetta in acciaio inox

Stainless steel strap  
Bande en acier inox  
Brida en acero inox



| CODE: 773004 | RioFlex LAYflat | BOLTS | L  | PACK  |
|--------------|-----------------|-------|----|-------|
| 773004G000   | 53 - 2"         | M5    | 15 | 100 C |
| 773004L000   | 78 - 3"         | M6    | 28 | 66 C  |
| 773004M000   | 104 - 4"        | M6    | 28 | 44 C  |
| 773004N000   | 130 - 5"        | M6    | 28 | 22 C  |
| 773004P000   | 156 - 6"        | M6    | 28 | 11 C  |



## Tubo LayFlat e raccordi Layfit

LayFlat Hose and LayFit fittings / Tuyau LayFlat et raccords LayFit  
Manguera LayFlat y accesorios LayFit

### LayFlat PVC blu SF-10

SF-10 blue PVC LayFlat hose  
LayFlat blue tuyau PVC SF-10  
LayFlat manguera PVC azul SF-10



| CODE: 450 | Ø mm | D"    | thick.<br>mm | Kg/m | bar | coil m |
|-----------|------|-------|--------------|------|-----|--------|
| 4506F     | 41   | 1"1/2 | 1,5          | 0,28 | 6,0 | 100    |
| 4506G     | 53   | 2"    | 1,5          | 0,37 | 5,0 | 100    |
| 4506I     | 65   | 2"1/2 | 1,5          | 0,45 | 5,0 | 100    |
| 4506L     | 78   | 3"    | 1,6          | 0,54 | 5,0 | 100    |
| 4506M     | 104  | 4"    | 1,7          | 0,79 | 4,0 | 100    |
| 4506N     | 128  | 5"    | 1,8          | 0,95 | 3,0 | 50     |
| 4506P     | 155  | 6"    | 1,9          | 1,29 | 3,0 | 50     |

### LayFlat PVC grigio SF-55

SF-55 grey PVC LayFlat hose  
LayFlat gris tuyau PVC SF-55  
LayFlat manguera PVC gris SF-55



| CODE: 451 | Ø mm | D" | thick.<br>mm | Kg/m | bar  | coil m |
|-----------|------|----|--------------|------|------|--------|
| -         | -    | -  | -            | -    | -    | -      |
| 4511G     | 53   | 2" | 2,2          | 0,54 | 10,0 | 100    |
| -         | -    | -  | -            | -    | -    | -      |
| 4511L     | 78   | 3" | 2,5          | 0,98 | 10,0 | 100    |
| 4511M     | 104  | 4" | 2,9          | 1,39 | 8,0  | 100    |
| 4511N     | 128  | 5" | 3,3          | 2,00 | 8,0  | 50     |

### T a 90° ridotto

90° reducing tee  
Té à 90° réduit  
T a 90° reducido



| CODE: 1075  | RioFlex<br>LAYflat | x | RioFlex<br>LAYflat | PACK |
|-------------|--------------------|---|--------------------|------|
| 1075063050P | 53 - 2"            | x | 41 - 1"1/2         | 8 B  |
| 1075075063P | 65 - 2"1/2         | x | 53 - 2"            | 4 B  |
| 1075090075P | 78 - 3"            | x | 65 - 2"1/2         | 5 A  |
| 1075110063P | 104 - 4"           | x | 53 - 2"            | 4 A  |
| 1075110090P | 104 - 4"           | x | 78 - 3"            | 4 A  |

### T a 90°

90° tee  
Té à 90°  
T a 90°



| CODE: 1080  | RioFlex<br>LAYflat | PACK |
|-------------|--------------------|------|
| 1080050050P | 41 - 1"1/2         | 12 B |
| 1080063063P | 53 - 2"            | 8 B  |
| 1080075075P | 65 - 2"1/2         | 4 B  |
| 1080090090P | 78 - 3"            | 5 A  |
| 1080110110P | 104 - 4"           | 4 A  |



### T a 90° filettato femmina

90° female tee  
Té à 90° taraudée  
T a 90° hembra



| CODE: 1085  | RioFlex<br>LAYflat | x | D"    | PACK |
|-------------|--------------------|---|-------|------|
| 108505000EP | 41 - 1"1/2         | x | 1"1/4 | 18 B |
| 108505000FP | 41 - 1"1/2         | x | 1"1/2 | 18 B |
| 108505000GP | 41 - 1"1/2         | x | 2"    | 15 B |
| 108506300FP | 53 - 2"            | x | 1"1/2 | 10 B |
| 108506300GP | 53 - 2"            | x | 2"    | 10 B |
| 108507500GP | 65 - 2"1/2         | x | 2"    | 6 B  |
| 108507500IP | 65 - 2"1/2         | x | 2"1/2 | 6 B  |
| 108507500LP | 65 - 2"1/2         | x | 3"    | 4 B  |
| 108509000LP | 78 - 3"            | x | 3"    | 3 B  |
| 108511000LP | 104 - 4"           | x | 3"    | 6 A  |
| 108511000MP | 104 - 4"           | x | 4"    | 6 A  |

### T a 90° filettato maschio

90° male tee  
Té à 90° fileté male  
T a 90° macho



| CODE: 1090  | RioFlex<br>LAYflat | x | D"    | PACK |
|-------------|--------------------|---|-------|------|
| 109005000EP | 41 - 1"1/2         | x | 1"1/4 | 18 B |
| 109005000FP | 41 - 1"1/2         | x | 1"1/2 | 18 B |
| 109005000GP | 41 - 1"1/2         | x | 2"    | 18 B |
| 109006300FP | 53 - 2"            | x | 1"1/2 | 10 B |
| 109006300GP | 53 - 2"            | x | 2"    | 10 B |
| 109006300IP | 53 - 2"            | x | 2"1/2 | 10 B |
| 109007500GP | 65 - 2"1/2         | x | 2"    | 6 B  |
| 109007500IP | 65 - 2"1/2         | x | 2"1/2 | 6 B  |
| 109007500LP | 65 - 2"1/2         | x | 3"    | 4 B  |
| 109009000LP | 78 - 3"            | x | 3"    | 7 A  |
| 109011000MP | 104 - 4"           | x | 4"    | 5 A  |

Stainless steel reinforcing ring from 1"1/2 to 4".

## Raccordo femmina

Female adaptor  
Raccord taraudée  
Empalme hembra



| CODE: 1100  | RioFlex<br>LAYflat | x | D"    | PACK |
|-------------|--------------------|---|-------|------|
| 110005000EP | 41 - 1"1/2         | x | 1"1/4 | 35 B |
| 110005000FP | 41 - 1"1/2         | x | 1"1/2 | 35 B |
| 110005000GP | 41 - 1"1/2         | x | 2"    | 35 B |
| 110006300FP | 53 - 2"            | x | 1"1/2 | 24 B |
| 110006300GP | 53 - 2"            | x | 2"    | 24 B |
| 110007500GP | 65 - 2"1/2         | x | 2"    | 15 B |
| 110007500IP | 65 - 2"1/2         | x | 2"1/2 | 15 B |
| 110007500LP | 65 - 2"1/2         | x | 3"    | 12 B |
| 110009000IP | 78 - 3"            | x | 2"1/2 | 8 B  |
| 110009000GP | 78 - 3"            | x | 2"    | 8 B  |
| 110009000LP | 78 - 3"            | x | 3"    | 8 B  |
| 110009000MP | 78 - 3"            | x | 4"    | 8 B  |
| 110011000GP | 104 - 4"           | x | 2"    | 6 B  |
| 110011000LP | 104 - 4"           | x | 3"    | 6 B  |
| 110011000MP | 104 - 4"           | x | 4"    | 6 B  |

Stainless steel reinforcing ring from 1"1/2 to 4".

## Raccordo maschio

Male adaptor  
Raccord fileté male  
Empalme macho



| CODE: 1095  | RioFlex<br>LAYflat | x | D"    | PACK |
|-------------|--------------------|---|-------|------|
| 109505000EP | 41 - 1"1/2         | x | 1"1/4 | 35 B |
| 109505000FP | 41 - 1"1/2         | x | 1"1/2 | 35 B |
| 109505000GP | 41 - 1"1/2         | x | 2"    | 35 B |
| 109506300FP | 53 - 2"            | x | 1"1/2 | 24 B |
| 109506300GP | 53 - 2"            | x | 2"    | 24 B |
| 109507500GP | 65 - 2"1/2         | x | 2"    | 15 B |
| 109507500IP | 65 - 2"1/2         | x | 2"1/2 | 15 B |
| 109507500LP | 65 - 2"1/2         | x | 3"    | 12 B |
| 109509000IP | 78 - 3"            | x | 2"1/2 | 8 B  |
| 109509000GP | 78 - 3"            | x | 2"    | 8 B  |
| 109509000LP | 78 - 3"            | x | 3"    | 8 B  |
| 109509000MP | 78 - 3"            | x | 4"    | 8 B  |
| 109511000GP | 104 - 4"           | x | 2"    | 6 B  |
| 109511000LP | 104 - 4"           | x | 3"    | 6 B  |
| 109511000MP | 104 - 4"           | x | 4"    | 6 B  |

## Manicotto

Coupling  
Manchon  
Manguito



| CODE: 1105  | RioFlex<br>LAYflat | PACK |
|-------------|--------------------|------|
| 1105050000P | 41 - 1"1/2         | 25 B |
| 1105063000P | 53 - 2"            | 15 B |
| 1105075000P | 65 - 2"1/2         | 8 B  |
| 1105090000P | 78 - 3"            | 5 B  |
| 1105110000P | 104 - 4"           | 3 B  |

## Manicotto ridotto

Reducing coupling  
Manchon réduit  
Manguito reducido



| CODE: 1110  | RioFlex<br>LAYflat | x | RioFlex<br>LAYflat | PACK |
|-------------|--------------------|---|--------------------|------|
| 1110063050P | 53 - 2"            | x | 41 - 1"1/2         | 15 B |
| 1110075050P | 65 - 2"1/2         | x | 41 - 1"1/2         | 12 B |
| 1110075063P | 65 - 2"1/2         | x | 53 - 2"            | 8 B  |
| 1110090063P | 78 - 3"            | x | 53 - 2"            | 6 B  |
| 1110090075P | 78 - 3"            | x | 65 - 2"1/2         | 6 B  |
| 1110110063P | 104 - 4"           | x | 53 - 2"            | 4 B  |
| 1110110075P | 104 - 4"           | x | 65 - 2"1/2         | 4 B  |
| 1110110090P | 104 - 4"           | x | 78 - 3"            | 3 B  |

## Tappo

Plug  
Bouchon  
Tapón



| CODE: 1115  | RioFlex<br>LAYflat | PACK |
|-------------|--------------------|------|
| 1115050000P | 41 - 1"1/2         | 40 B |
| 1115063000P | 53 - 2"            | 24 B |
| 1115075000P | 65 - 2"1/2         | 15 B |
| 1115090000P | 78 - 3"            | 9 B  |
| 1115110000P | 104 - 4"           | 6 B  |

## Gomito a 90°

90° elbow  
Coude à 90°  
Codo a 90°



| CODE: 1120  | RioFlex<br>LAYflat | PACK |
|-------------|--------------------|------|
| 1120050000P | 41 - 1"1/2         | 20 B |
| 1120063000P | 53 - 2"            | 12 B |
| 1120075000P | 65 - 2"1/2         | 6 B  |
| 1120090000P | 78 - 3"            | 3 B  |
| 1120110000P | 104 - 4"           | 6 A  |

## Gomito a 90° filettato femmina

90° female elbow  
Coude à 90° taraudé  
Codo a 90° hembra



| CODE: 1125  | RioFlex<br>LAYflat | x D"    | PACK |
|-------------|--------------------|---------|------|
| 112505000EP | 41 - 1"1/2         | x 1"1/4 | 30 B |
| 112505000FP | 41 - 1"1/2         | x 1"1/2 | 30 B |
| 112505000GP | 41 - 1"1/2         | x 2"    | 25 B |
| 112506300FP | 53 - 2"            | x 1"1/2 | 17 B |
| 112506300GP | 53 - 2"            | x 2"    | 17 B |
| 112506300IP | 53 - 2"            | x 2"1/2 | 17 B |
| 112507500IP | 65 - 2"1/2         | x 2"1/2 | 10 B |
| 112507500LP | 65 - 2"1/2         | x 3"    | 10 B |
| 112509000LP | 78 - 3"            | x 3"    | 5 B  |
| 112509000MP | 78 - 3"            | x 4"    | 4 B  |
| 112511000MP | 104 - 4"           | x 4"    | 3 B  |

Stainless steel reinforcing ring from 1"½ to 4".

## Gomito a 90° filettato maschio

90° male elbow  
Coude à 90° fileté male  
Codo a 90° macho



| CODE: 1130  | RioFlex<br>LAYflat | x D"    | PACK |
|-------------|--------------------|---------|------|
| 113005000EP | 41 - 1"1/2         | x 1"1/4 | 30 B |
| 113005000FP | 41 - 1"1/2         | x 1"1/2 | 30 B |
| 113005000GP | 41 - 1"1/2         | x 2"    | 30 B |
| 113006300FP | 53 - 2"            | x 1"1/2 | 17 B |
| 113006300GP | 53 - 2"            | x 2"    | 15 B |
| 113006300IP | 53 - 2"            | x 2"1/2 | 15 B |
| 113007500IP | 65 - 2"1/2         | x 2"1/2 | 10 B |
| 113007500LP | 65 - 2"1/2         | x 3"    | 10 B |
| 113009000LP | 78 - 3"            | x 3"    | 5 B  |
| 113009000MP | 78 - 3"            | x 4"    | 5 B  |
| 113011000MP | 104 - 4"           | x 4"    | 3 B  |

## Boccola

Bush  
Douille  
Anillo dentado



### CODE: 7150

|            | RioFlex<br>LAYflat |
|------------|--------------------|
| 715005000F | 41 - 1"1/2         |
| 715006300G | 53 - 2"            |
| 715007500I | 65 - 2"1/2         |
| 715009000L | 78 - 3"            |
| 715011000M | 104 - 4"           |

## Cannotto

Barbed adaptor  
Canot  
Adaptador



### CODE: 7140

|            | RioFlex<br>LAYflat |
|------------|--------------------|
| 714005000F | 41 - 1"1/2         |
| 714006300G | 53 - 2"            |
| 714007500I | 65 - 2"1/2         |
| 714009000L | 78 - 3"            |
| 714011000M | 104 - 4"           |

## Installazione

Installation / Installation  
Instalación



### Inserire il tubo RioFlex o LAYflat nel raccordo

Insert RioFlex or LAYflat pipe in the fitting  
Insérer le tuyau RioFlex ou LAYflat dans le raccord  
Insertar la manguera RioFlex o LAYflat en el accesorio



### Inserire la boccola

Insert busher  
Insérer la bague  
Insertar el anillo



### Serrare a fondo la ghiera, utilizzare una chiave per il serraggio finale.

Tighten the nut firmly, use a wrench for final tightening.  
Visser et serrer l'écrou fermement, utiliser une clé pour le serrage final.  
Cerrar la tuerca firmemente, utilizar una llave de apriete final.



## Valvole e raccordini

Valves and fittings / Vannes et raccords / Válvulas y accesorios

### Valvola a sfera PVC bighiera f/f

True union PVC ball valve female threaded  
Vanne a bille à double union PVC taraudée  
Válvula esfera PVC doble tuerca rosca hembra



16 bar

| CODE: 9005 | D"     | PACK |
|------------|--------|------|
| 900500000B | 1/2"   | 60 G |
| 900500000C | 3/4"   | 36 G |
| 900500000D | 1"     | 50 G |
| 900500000E | 1" 1/4 | 30 G |
| 900500000F | 1" 1/2 | 20 G |
| 900500000G | 2"     | 12 G |
| 900500000I | 2" 1/2 | 5 G  |
| 900500000L | 3"     | 3 G  |
| 900500000M | 4"     | 2 G  |

### Valvola a sfera PVC monoghiera f/f

Single union PVC ball valve female threaded  
Vanne a bille à simple union PVC taraudée  
Válvula esfera mono tuerca PVC rosca hembra



16 bar

| CODE: 9007 | D"     | PACK |
|------------|--------|------|
| 900700000B | 1/2"   | 60 G |
| 900700000C | 3/4"   | 90 G |
| 900700000D | 1"     | 60 G |
| 900700000E | 1" 1/4 | 35 G |
| 900700000F | 1" 1/2 | 25 G |
| 900700000G | 2"     | 12 G |
| 900700000I | 2" 1/2 | 5 G  |
| 900700000L | 3"     | 3 G  |
| 900700000M | 4"     | 2 G  |

### Valvola a sfera nera PVC f/f

Black PVC ball valve female threaded  
Vanne à bille noire à simple union PVC taraudée  
Válvula esfera negra mono tuerca PVC rosca hembra



10 bar

| CODE: 9001 | D"     | PACK  |
|------------|--------|-------|
| 900100C    | 3/4"   | 140 G |
| 900100D    | 1"     | 100 G |
| 900100E    | 1" 1/4 | 60 G  |
| 900100F    | 1" 1/2 | 40 G  |
| 900100G    | 2"     | 24 G  |
| 900100I    | 2" 1/2 | 12 G  |
| 900100L    | 3"     | 8 G   |
| 900100M    | 4"     | 4 G   |

### Valvola a sfera nera PVC f/m

Black PVC ball valve male/female threaded  
Vanne à bille noire à simple union PVC taraudée/filetée  
Válvula esfera negra mono tuerca PVC rosca h/m



10 bar

| CODE: 9002 | D"     | PACK  |
|------------|--------|-------|
| 900200C    | 3/4"   | 140 G |
| 900200D    | 1"     | 100 G |
| 900200E    | 1" 1/4 | 60 G  |
| 900200F    | 1" 1/2 | 40 G  |
| 900200G    | 2"     | 24 G  |

### Minivalvola f/f attacco tape

Female minivalve with tape off-takes  
Petite vanne taraudée/dérivation tape  
Miniválvula rosca hembra/junta tape



6 bar

| CODE: 9161 | Ø x D"    | PACK  |
|------------|-----------|-------|
| 9161010D   | 16 x 3/4" | 500 G |
| 9161020D   | 22 x 1"   | 500 G |

### Minivalvola f/f portagomma

Minivalve threaded/barded  
Petite vanne taraudée/porte-caoutchouc  
Miniválvula rosca hembra/portagoma



6 bar

| CODE: 9161 | Ø x D"    | PACK  |
|------------|-----------|-------|
| 916100C16  | 16 x 3/4" | 500 G |
| 916100C20  | 20 x 3/4" | 500 G |
| 91610D025  | 25 x 1"   | 250 G |
| 91610D032  | 32 x 1"   | 250 G |

### Minivalvola f/f x f/m

Minivalve female/male threaded  
Petite vanne filete taraudée/mâle  
Miniválvula rosca hembra/macho



6 bar

| CODE: 9161 | D" x D"     | PACK  |
|------------|-------------|-------|
| 9161FMCC   | 3/4" x 3/4" | 500 G |
| 9161ME0D   | 1" x 1"     | 250 G |

### Innesto f/m per valvola

Off take for valve  
Dérivation pour vanne  
Injerto para válvula



CODE: 9163

| D"   |    | PACK   |
|------|----|--------|
| 3/4" | 14 | 1000 G |
| 1"   | 19 | 1000 G |

### Riduttore di pressione

Pressure reducer  
Réducteur de pression  
Reductor de presión



CODE: 9140

| D"  | bar out | PACK  |
|-----|---------|-------|
| 3/4 | 1,0     | 500 P |

### Sfiato d'aria a doppio effetto

Double effect air valve  
Vanne à air double effet  
Válvula de aire doble efecto



10 bar

| CODE: 9199 | Type | D" | PACK        |
|------------|------|----|-------------|
| 919900000D | A    | 1" | 60 G - 10 P |
| 919900100D | B    | 1" | 24          |
| 919900100G | C    | 2" | 12          |

### Valvola portagomma

Barbed valve

Vanne porte-caoutchouc

Válvula porta goma



4 bar

| CODE: 02410 | Ø x Ø   | PACK       |
|-------------|---------|------------|
| 02310025000 | 25 x 25 | 200B - 50P |
| 02410032000 | 32 x 32 | 80B - 20P  |

### Valvola portagomma - f/m

Barbed - male threaded valve

Vanne porte-caoutchouc - fileté male

Válvula porta goma - rosca macho



4 bar

| CODE: 02420 | Ø x Ø     | PACK       |
|-------------|-----------|------------|
| 0232002500C | 25 x 3/4" | 200B - 50P |
| 0242003200D | 32 x 1"   | 80B - 20P  |

### Valvola m/m

Male threaded valve

Vanne fileté male

Válvula rosca macho



4 bar

| CODE: 02425 | Ø x Ø   | PACK      |
|-------------|---------|-----------|
| 0242500D00D | 1" x 1" | 80B - 20P |

### Valvola f/m - f/f ghiera libera

Male threaded - swivel nut female threaded valve

Vanne fileté male - taraudé écrou libre

Válvula rosca macho - rosca hembra tuerca libre



4 bar

| CODE: 02426 | Ø x Ø   | PACK      |
|-------------|---------|-----------|
| 0242600D00D | 1" x 1" | 80B - 20P |

### Valvola a compressione - f/m

Compression - male threaded valve

Vanne compression - fileté male

Válvula compresión - rosca macho



4 bar

| CODE: 02470 | Ø x Ø     | PACK       |
|-------------|-----------|------------|
| 0237002000B | 20 x 1/2" | 120B - 10P |
| 0237002000C | 20 x 3/4" | 120B - 10P |
| 0237002500C | 25 x 3/4" | 100B - 10P |
| 0247002500D | 25 x 1"   | 60B - 10P  |
| 0247003200D | 32 x 1"   | 50B - 10P  |

### Valvola a compressione - f/f ghiera libera

Compression - swivel nut female threaded valve

Vanne compression - taraudé écrou libre

Válvula compresión - rosca hembra tuerca libre



4 bar

| CODE: 02465 | Ø x Ø   | PACK      |
|-------------|---------|-----------|
| 0246502500D | 25 x 1" | 60B - 10P |
| 0246503200D | 32 x 1" | 50B - 10P |

### Valvola a compressione

Compression valve

Vanne compression

Válvula compresión



4 bar

| CODE: 02475 | Ø x Ø   | PACK      |
|-------------|---------|-----------|
| 02375020020 | 20 x 20 | 80B - 10P |
| 02475025025 | 25 x 25 | 60B - 10P |
| 02475032032 | 32 x 32 | 40B - 10P |

### Valvola f/f ghiera libera

Swivel nut female threaded valve

Vanne taraudé écrou libre

Válvula rosca hembra tuerca libre



4 bar

| CODE: 02430 | Ø x Ø   | PACK      |
|-------------|---------|-----------|
| 0243000D00D | 1" x 1" | 60B - 20P |

### Valvola fine linea f/m

Low pressure flush valve f/m

Valvula de descarga de baja presión

Valve de purge fin de ligne taraudé f/f



| CODE: 9148 | Ø    | PACK |
|------------|------|------|
| 914800000C | 3/4" | 50 P |

### Valvola portagomma - f/f ghiera libera

Barbed - swivel nut female threaded valve

Vanne porte-caoutchouc - taraudé écrou libre

Válvula porta goma - rosca hembra tuerca libr



4 bar

| CODE: 02460 | Ø x Ø   | PACK      |
|-------------|---------|-----------|
| 0246003200D | 32 x 1" | 80B - 20P |

## Valvolina portagomma

Barbed valve  
Vanne porte-caoutchouc  
Válvula porta goma



4 bar

| CODE: 02210 | Ø x Ø   | PACK         |
|-------------|---------|--------------|
| 02210016000 | 16 x 16 | 500 B - 50 P |
| 02210020000 | 20 x 20 | 500 B - 50 P |

## Valvolina portagomma - innesto con gommino tubo PE

Barbed - off-take with gasket for PE pipe valve  
Vanne porte-caoutchouc - tuyau PE avec joint  
Válvula porta goma - injerto con goma para tubo PE



4 bar

| CODE: 02235 | Ø  |    | PACK         |
|-------------|----|----|--------------|
| 02235016000 | 16 | 12 | 500 B - 50 P |
| 02235020000 | 20 | 12 | 500 B - 50 P |

## Valvolina f/m - f/m

Male threaded off-take valve  
Vanne fileté male  
Válvula rosca macho



4 bar

| CODE: 02225 | D" x D"     | PACK         |
|-------------|-------------|--------------|
| 0222500B00B | 1/2" x 1/2" | 450 B - 50 P |
| 0222500C00C | 3/4" x 3/4" | 350 B - 50 P |

## Valvolina portagomma - f/m

Barbed - male threaded valve  
Vanne porte-caoutchouc - fileté male  
Válvula porta goma - rosca macho



4 bar

| CODE: 02220 | Ø x D"    | PACK         |
|-------------|-----------|--------------|
| 0222001600B | 16 x 1/2" | 500 B - 50 P |
| 0222001600C | 16 x 3/4" | 450 B - 50 P |
| 0222002000B | 20 x 1/2" | 500 B - 50 P |
| 0222002000C | 20 x 3/4" | 400 B - 50 P |

## Ypsilon portagomma

Barbed Ypsilon  
Raccord Y porte-caoutchouc  
Ypsilon porta goma



| CODE: 0203  | Ø | PACK       |
|-------------|---|------------|
| 02035016016 | A | 700B - 10P |
| 02037016016 | B | 350B - 10P |

## Valvolina f/m - f/f ghiera libera

Male threaded - female threaded swivel nut valve  
Vanne fileté male - taraudé écrou libre  
Válvula rosca macho - rosca hembra tuerca libre



4 bar

| CODE: 02226 | D" x D"   | PACK         |
|-------------|-----------|--------------|
| 0222600B00B | 1/2"x1/2" | 450 B - 50 P |
| 0222600B00C | 1/2"x3/4" | 350 B - 50 P |

## Valvolina tape - portagomma

Tape - barbed valve  
Vanne gaine - porte-caoutchouc  
Válvula cinta - porta goma



4 bar

| CODE: 02248 | Ø  | PACK         |
|-------------|----|--------------|
| 02248016016 | 16 | 400 B - 50 P |

## Valvolina tape - innesto con gommino tubo PE

Tape - off-take with gasket for PE pipe valve  
Vanne gaine - tuyau PE avec joint  
Válvula cinta - injerto con goma para tubo PE



4 bar

| CODE: 02236 | Ø  |    | PACK         |
|-------------|----|----|--------------|
| 02236016000 | 16 | 12 | 400 B - 50 P |
| 02236022000 | 22 | 12 | 350 B - 50 P |

## Valvolina tape - innesto tubo PVC

Tape - off-take for PVC pipe valve  
Vanne gaine - tuyau PVC  
Válvula cinta - injerto para tubo PVC



4 bar

| CODE: 02244 | Ø  |    | PACK           |
|-------------|----|----|----------------|
| 0224401600M | 16 | 16 | 350 B - 50 P   |
| 0224402200M | 22 | 16 | 350 B - 50 P   |
| 72050016B   | 16 | 16 | 2500 B - 100 P |

## Valvolina tape - f/m

Tape - male threaded valve  
Vanne gaine - fileté male  
Válvula cinta - rosca macho



4 bar

| CODE: 02221  | Ø x D"    | PACK          |
|--------------|-----------|---------------|
| 0222101600B  | 16 x 1/2" | 350 B - 50 P  |
| 0222101600C  | 16 x 3/4" | 300 B - 50 P  |
| 0222102200B  | 22 x 1/2" | 300 B - 50 P  |
| 0222102200C  | 22 x 3/4" | 250 B - 50 P  |
| 0204601600BR | 1/2"      | 500 C - 100 P |
| 0204601600CR | 3/4"      | 300 C - 100 P |

## Valvolina tape - RioFlex

Tape - RioFlex off-take valve

Vanne gainé - Rioflex

Válvula cinta - RioFlex



4 bar

| CODE: 02255 | Ø  |    | PACK         |
|-------------|----|----|--------------|
| 02255016014 | 16 | 14 | 250 B - 50 P |
| 02255022014 | 22 | 14 | 200 B - 50 P |

## Raccordo tape - portagomma

Tape - barbed adaptor

Raccord gainé - porte-caoutchouc

Enlace cinta - porta goma



| CODE: 02048  | Ø x Ø   | PACK           |
|--------------|---------|----------------|
| 02048016016M | 16 x 16 | 1000 B - 100 P |
| 2048022016   | 16 x 22 | 500 G - 50 P   |
| 2048022020   | 20 x 22 | 350 G - 50 P   |

## Raccordo tape - innesto con gommino tubo PE

Tape - off-take with gasket for PE pipe adaptor

Raccord gainé - tuyau PE avec joint

Enlace cinta - injerto con goma para tubo PE



| CODE: 02042 | Ø  |    | PACK           |
|-------------|----|----|----------------|
| 02042016M   | 16 | 12 | 1200 B - 100 P |
| 2042022     | 22 | 12 | 600 G - 100 P  |

## Raccordo tape - innesto tubo PVC

Tape - off-take for PVC pipe adaptor

Raccord gainé - tuyau PVC

Enlace tape - injerto para tubo PVC



| CODE: 02044 | Ø  |    | PACK           |
|-------------|----|----|----------------|
| 02044016ML  | 16 | 16 | 1200 B - 100 P |
| 72050016B   | 16 | 16 | 2500 B - 100 P |

## Raccordo tape - f/m

Male threaded - tape adaptor

Raccord gainé - fileté male

Enlace cinta - rosca macho



| CODE: 02041  | Ø x D"    | PACK           |
|--------------|-----------|----------------|
| 0204101600BM | 16 x 1/2" | 1200 B - 100 P |
| 204101700C   | 16 x 3/4" | 650 B - 100 P  |
| 204102200B   | 22 x 1/2" | 700 B - 100 P  |
| 204102200C   | 22 x 3/4" | 500 B - 100 P  |
| 0204601600BR | 1/2"      | 400 C - 100 P  |
| 0204601600CR | 3/4"      | 300 C - 100 P  |

## Raccordo tape - RioFlex

Tape - RioFlex off-take adaptor

Raccord gainé - Rioflex

Enlace cinta - RioFlex



4 bar

| CODE: 02055 | Ø  |    | PACK         |
|-------------|----|----|--------------|
| 02055016014 | 16 | 14 | 500 B - 50 P |
| 02055022014 | 22 | 14 | 300 B - 50 P |

## Manicotto tape

Tape coupling

Raccord gainé

Manguito para cinta



| CODE: 02040 | Ø  | PACK          |
|-------------|----|---------------|
| 02040016M   | 16 | 800 B - 100 P |
| 2040022     | 22 | 400 B - 50 P  |

## Tappo tape con anello

Tape end plug with ring

Bouchon gainé avec anneau

Tapón cinta con anillo



| CODE: 02059 | Ø  | PACK         |
|-------------|----|--------------|
| 02059016000 | 16 | 1200B - 100P |

## Raccordo portagomma - innesto tubo PVC

Barbed - off-take for PVC pipe adaptor

Raccord porte-caoutchouc - tuyau PVC

Enlace porta goma - injerto para tubo PVC



| CODE: 02049 | Ø  |    | PACK           |
|-------------|----|----|----------------|
| 720490016   | 16 | 16 | 2400 B - 100 P |
| 72050016B   | 16 | 16 | 2400 B - 100 P |

## Ypsilon f/m

Male threaded Ypsilon

Raccord Y fileté male

Ypsilon rosca macho



| CODE: 02036 | Ø x Ø       | PACK       |
|-------------|-------------|------------|
| 0203601600B | C 1/2" x 16 | 700B - 10P |
| 0203901600B | D 1/2" x 16 | 350B - 10P |
| 0203601600C | C 3/4" x 16 | 600B - 10P |
| 0203901600C | D 3/4" x 16 | 350B - 10P |

## Manicotto tape ghiera libera

Swivel nut tape coupling  
Raccord gainé écrou libre  
Manguito para cinta tuerca libre



| CODE: 20500 | Ø  | PACK           |
|-------------|----|----------------|
| 2050017     | 16 | 1200 B - 300 P |
| 2050022     | 22 | 550 B - 50 P   |

## Raccordo tape ghiera libera - f/m

Swivel nut tape - male threaded adaptor  
Raccord gainé écrou libre - fileté male  
Enlace cinta tuerca libre - rosca macho



| CODE: 20510 | Ø x D"    | PACK           |
|-------------|-----------|----------------|
| 205101700B  | 16 x 1/2" | 1000 B - 250 P |
| 205101700C  | 16 x 3/4" | 1000 B - 250 P |
| 205102200B  | 22 x 1/2" | 700 B - 50 P   |
| 205102200C  | 22 x 3/4" | 650 B - 50 P   |

## Raccordo tape ghiera libera - innesto con gommino tubo PE

Swivel nut tape - off-take with gasket for PE pipe adaptor  
Raccord gainé écrou libre - tuyau PE avec joint  
Enlace cinta tuerca libre - injerto con goma



| CODE: 20520 | Ø  | Ø  | PACK           |
|-------------|----|----|----------------|
| 2052017     | 16 | 12 | 2000 B - 500 P |

## Tappo tape ghiera libera con anello

Swivel nut tape end plug with ring  
Bouchon gainé écrou libre avec anneau  
Tapón cinta tuerca libre con anillo



| CODE: 20590 | Ø  | PACK           |
|-------------|----|----------------|
| 2059016000  | 16 | 1800 B - 100 P |

## Raccordo tape ghiera libera - portagomma

Swivel nut tape - barbed adaptor  
Raccord gainé écrou libre - porte - caoutchouc  
Enlace cinta tuerca libre - porta goma



| CODE: 20580 | Ø x Ø   | PACK           |
|-------------|---------|----------------|
| 2058017016  | 16 x 16 | 1600 B - 400 P |
| 2058022016  | 22 x 16 | 750 B - 50 P   |

## Valvolina tape ghiera libera - f/m

Swivel nut tape - male threaded valve  
Vanne gainé écrou libre - fileté male  
Válvulita cinta tuerca libre - rosca macho



| CODE: 02251 | Ø x D"    | PACK         |
|-------------|-----------|--------------|
| 0225101600B | 16 x 1/2" | 350 B - 50 P |
| 0225101600C | 16 x 3/4" | 250 B - 50 P |
| 0225102200B | 22 x 1/2" | 300 B - 50 P |
| 0225102200C | 22 x 3/4" | 200 B - 50 P |

## Valvolina tape ghiera libera - innesto tubo PVC

Swivel nut tape - off-take for PVC pipe valve  
Vanne gainé écrou libre - tuyau PVC  
Válvulita cinta tuerca libre - injerto para tubo PVC



| CODE: 02254 | Ø  | Ø  | PACK           |
|-------------|----|----|----------------|
| 0225401600M | 16 | 16 | 350 B - 50 P   |
| 0225402200M | 22 | 16 | 350 B - 50 P   |
| 72050016B   | 16 | 16 | 2500 B - 100 P |

## Valvolina tape ghiera libera - innesto con gommino tubo PE

Swivel nut tape - off-take with gasket for PE pipe valve  
Vanne gainé écrou libre - tuyau PE avec joint  
Válvulita cinta tuerca libre - injerto con goma para tubo PE



| CODE: 02252 | Ø  | Ø  | PACK         |
|-------------|----|----|--------------|
| 0225201600M | 16 | 12 | 400 B - 50 P |
| 0225202200M | 22 | 12 | 350 B - 50 P |

## Valvolina tape ghiera libera - portagomma

Swivel nut tape - barbed valve  
Vanne gainé écrou libre - porte - caoutchouc  
Válvulita cinta tuerca libre - porta goma



| CODE: 02258 | Ø x Ø   | PACK         |
|-------------|---------|--------------|
| 02258016016 | 16 x 16 | 400 B - 50 P |
| 02258022020 | 22 x 20 | 300 B - 50 P |

## Gancio per sostegno tubo

Supporting hook for pipe  
Crochet pour support tuyau  
Gancho para sostener tubo



| CODE: 0155 | Ø  | kg   | PACK            |
|------------|----|------|-----------------|
| 0155016000 | 16 | 0,90 | 4000 B - 1000 P |
| 0155020000 | 20 | 1,25 | 3000 B - 1000 P |
| 0155025000 | 25 | 1,50 | 2000 B - 500 P  |
| 0155032000 | 32 | 2,40 | 2000 A - 500 P  |
| 0155040000 | 40 | 2,50 | 1300 G          |

## Gancio rompigoccia

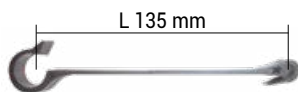
Supporting hook drip-stop  
Crochet arrêt goutte pour tuyau  
Gancho para gota



| CODE: 0157 | Ø  | PACK             |
|------------|----|------------------|
| 0157016000 | 16 | 13000 G - 1000 P |
| 0157020000 | 20 | 10000 G - 1000 P |

## Gancio lungo

Long supporting hook  
Crochet pour support tuyau long  
Gancho largo para sostén tubo



| CODE: 0156 | Ø  | PACK           |
|------------|----|----------------|
| 0156016000 | 16 | 2000 G - 500 P |
| 0156020000 | 20 | 2000 G - 500 P |

## Morsetto a cricchetto

Ratchet clamp  
Cliquet de serrage  
Pinza de trinquete



| CODE: 0158 | Ø  | PACK   |
|------------|----|--------|
| 0158016000 | 16 | 1000 P |

## Picchetto per ala gocciolante

Support stake for dripline  
Piquet de support pour tube G.R.  
Estaca de soporte para ala goteadora



| CODE: 09123 | Ø     | PACK           |
|-------------|-------|----------------|
| 0912300016  | 16/20 | 1000 A - 100 P |
| 0912300016M | 16/20 | 1000 A - 100 P |

## Idrantino di presa rapida

Quick coupling valve  
Clapet vanne  
Valvula rapida



| CODE: 9196 | D"   | PACK |
|------------|------|------|
| 919600000C | 3/4" | 50 G |
| 919600000D | 1"   | 50 G |

## Chiave per idrantino

Key for quick coupling valve  
Clé pour clapet vanne  
Llave para valvula rapida



| CODE: 9197 | D"   | PACK  |
|------------|------|-------|
| 919700000C | 3/4" | 100 G |

## Tubicino PVC morbido

PVC flexible small pipe  
Petit tuyau flexible en PVC  
Tubito en PVC suave



| CODE: 2007/2006 | Ø       | COIL m |
|-----------------|---------|--------|
| 2007003005300   | 3 x 5,5 | 300    |
| 2007004006300   | 4 x 6   | 300    |
| 2007005008350   | 5 x 8   | 350    |
| 2006004011120   | 4 x 11  | 105*   |

\* tubicino in barre da 1,5 m - pipe in 1,5 m length

## Astina per tubo capillare

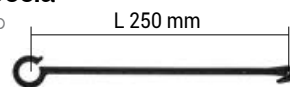
Dripping stake for microtube  
Piquet gouttant  
Estaca goteadora



| CODE: 9123 | D"        | PACK            |
|------------|-----------|-----------------|
| 9123002025 | 2,5"÷3,2" | 5000 G - 1000 P |

## Gancio lungo rompigoccia

Long supporting hook drip-stop  
Crochet arrêt goutte pour tuyau long  
Gancho largo para gota



| CODE: 0159 | Ø  | PACK           |
|------------|----|----------------|
| 0159016250 | 16 | 1000 G - 500 P |
| 0159020250 | 20 | 1000 G - 500 P |

## Prolunga in PP nera

Black PP riser  
Allonge noire en PP  
Extensión de PP negro



| CODE: 2047 | D"          | L   | PACK          |
|------------|-------------|-----|---------------|
| 204700B00B | 1/2" - 1/2" | 165 | 300 B - 100 P |
| 204700C00B | 3/4" - 1/2" | 166 | 300 B - 100 P |
| 204700C00C | 3/4" - 3/4" | 163 | 300 B - 100 P |

## Anello di fine linea

End ring  
Bague fin de ligne  
Anillo final de línea



| CODE: 9230  | Ø  | PACK           |
|-------------|----|----------------|
| 92300016000 | 16 | 3000 G - 500 P |
| 92300020000 | 20 | 2200 G - 200 P |

## Fustella foratubi

Hollow punch  
Perceuse à main  
Perforadora de mano



| CODE: 2003 | Ø   | PACK |
|------------|-----|------|
| 2003025    | 2,5 | 10 G |
| 2003030    | 3   | 10 G |
| 2003035    | 3,5 | 10 G |
| 2003040    | 4   | 10 G |
| 2003050    | 5   | 10 G |
| 2003060    | 6   | 10 G |
| 2003080    | 8   | 10 G |
| 2003100    | 10  | 10 G |

## TE 90° f/f

90° tee female threaded  
Te à 90° avec dérivation taraudée  
T a 90° hembra



6 bar PP

| CODE: 9180 | D"     | PACK         |
|------------|--------|--------------|
| 918000000B | 1/2"   | 350 G - 50 P |
| 918000000C | 3/4"   | 200 G - 50 P |
| 918000000D | 1"     | 120 G - 20 P |
| 918000000E | 1" 1/4 | 60 G - 10 P  |
| 918000000F | 1" 1/2 | 40 G - 10 P  |
| 918000000G | 2"     | 30 G         |
| 918000000I | 2" 1/2 | 16 G         |
| 918000000L | 3"     | 16 G         |
| 918000000M | 4"     | 16 G         |

## TE 90° f/m

90° male threaded tee  
T à 90° avec dérivation fileté mâle  
T a 90° macho



6 bar PP

| CODE: 9169 | D"     | PACK          |
|------------|--------|---------------|
| 916900000B | 1/2"   | 500 G - 100 P |
| 916900000C | 3/4"   | 300 G - 50 P  |
| 916900000D | 1"     | 150 G - 30 P  |
| 916900000E | 1" 1/4 | 80 G - 20 P   |

## Nipplo

Nipple  
Mamelon  
Pezón



cod. 9160

cod. 9162

6 bar PP

| CODE: 9160/9162 | D"              | PACK           |
|-----------------|-----------------|----------------|
| 916000000B      | 1/2"            | 1600 B - 100 P |
| 916000000C      | 3/4"            | 900 B - 100 P  |
| 916000000D      | 1"              | 550 B - 50 P   |
| 916000000E      | 1" 1/4          | 200 G - 50 P   |
| 916000000F      | 1" 1/2          | 150 G - 30 P   |
| 916000000G      | 2"              | 80 G - 10 P    |
| 916000000I      | 2" 1/2          | 50 G - 10 P    |
| 916000000L      | 3"              | 35 G           |
| 916000000M      | 4"              | 30 G           |
| 916200C00B      | 3/4" x 1/2"     | 1200 B - 100 P |
| 916200D00B      | 1" x 1/2"       | 500 G - 50 P   |
| 916200D00C      | 1" x 3/4"       | 400 G - 50 P   |
| 916200E00C      | 1" 1/4 x 3/4"   | 250 G - 50 P   |
| 916200E00D      | 1" 1/4 x 1"     | 250 G - 50 P   |
| 916200F00E      | 1" 1/2 x 1" 1/4 | 150 G - 30 P   |
| 916200G00E      | 2" x 1" 1/4     | 100 G - 20 P   |
| 916200G00F      | 2" x 1" 1/2     | 80 G - 20 P    |
| 916200I00G      | 2" 1/2 x 2"     | 60 G - 10 P    |
| 916200L00G      | 3" x 2"         | 100 G          |
| 916200L00I      | 3" x 2" 1/2     | 96 G           |
| 916200M00L      | 4" x 3"         | 48 G           |

## Gomito f/f

90° female threaded elbow  
Coude à 90° taraudé  
Codo a 90° hembra



6 bar PP

| CODE: 9183 | D"     | PACK          |
|------------|--------|---------------|
| 918300000B | 1/2"   | 500 G - 100 P |
| 918300000C | 3/4"   | 300 G - 50 P  |
| 918300000D | 1"     | 175 G - 35 P  |
| 918300000E | 1" 1/4 | 100 G - 20 P  |
| 918300000F | 1" 1/2 | 60 G - 10 P   |
| 918300000G | 2"     | 30 G - 10 P   |
| 918300000I | 2" 1/2 | 22 G          |
| 918300000L | 3"     | 28 G          |
| 918300000M | 4"     | 18 G          |

## Gomito m/m

90° threaded male elbow  
Coude à 90° fileté mâle  
Codo a 90° macho



6 bar PP

| CODE: 9181 | D"     | PACK          |
|------------|--------|---------------|
| 918100000B | 1/2"   | 800 G - 100 P |
| 918100000C | 3/4"   | 450 G - 50 P  |
| 918100000D | 1"     | 250 G - 50 P  |
| 918100000E | 1" 1/4 | 350 G - 25 P  |
| 918100000F | 1" 1/2 | 225 G         |

## Manicotto f/f

Female threaded coupling  
Manchon taraudé  
Manguito rosca hembra



cod. 9164

cod. 9165

6 bar PP

| CODE: 9164/9165 | D"              | PACK         |
|-----------------|-----------------|--------------|
| 916400000B      | 1/2"            | 650 G - 50 P |
| 916400000C      | 3/4"            | 400 G - 50 P |
| 916400000D      | 1"              | 250 G - 50 P |
| 916400000E      | 1" 1/4          | 120 G - 20 P |
| 916400000F      | 1" 1/2          | 100 G - 20 P |
| 916400000G      | 2"              | 60 G - 10 P  |
| 916400000I      | 2" 1/2          | 90 G         |
| 916400000L      | 3"              | 50 G         |
| 916400000M      | 4"              | 32 G         |
| 916500C00B      | 3/4" x 1/2"     | 450 G - 50 P |
| 916500D00B      | 1" x 1/2"       | 300 G - 50 P |
| 916500D00C      | 1" x 3/4"       | 300 G - 50 P |
| 916500E00D      | 1" 1/4 x 1"     | 150 G - 50 P |
| 916500F00D      | 1" 1/2 x 1"     | 120 G - 20 P |
| 916500F00E      | 1" 1/2 x 1" 1/4 | 100 G - 20 P |
| 916500G00D      | 2" x 1"         | 100 G - 10 P |
| 916500G00E      | 2" x 1" 1/4     | 70 G - 10 P  |
| 916500G00F      | 2" x 1" 1/2     | 70 G - 10 P  |
| 916500I00G      | 2" 1/2 x 2"     | 80 G         |
| 916500L00G      | 3" x 2"         | 80 G         |
| 916500L00I      | 3" x 2" 1/2     | 60 G         |
| 916500M00L      | 4" x 3"         | 32 G         |

## Gomito filettato m/f

90° male-female threaded elbow  
Coude à 90° fileté mâle taraudé  
Codo a 90° macho-hembra

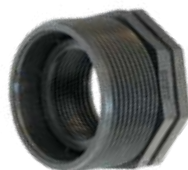


6 bar PP

| CODE: 9182 | D"     | PACK          |
|------------|--------|---------------|
| 918200000B | 1/2"   | 600 G - 100 P |
| 918200000C | 3/4"   | 350 G - 50 P  |
| 918200000D | 1"     | 175 G - 25 P  |
| 918200000E | 1 1/4" | 100 G - 20 P  |

## Riduzione m/f corta

Male - female reducer, short type  
Reducteur mâle-femelle, type court  
Reducciones m/h corto



6 bar PP

| CODE: 9167 | D" x D"         | PACK           |
|------------|-----------------|----------------|
| 916700C00B | 3/4" x 1/2"     | 1100 G - 100 P |
| 916700D00B | 1" x 1/2"       | 600 G - 50 P   |
| 916700D00C | 1" x 3/4"       | 600 G - 50 P   |
| 916700E00B | 1 1/4" x 1/2"   | 400 G - 50 P   |
| 916700E00C | 1 1/4" x 3/4"   | 350 G - 50 P   |
| 916700E00D | 1 1/4" x 1"     | 350 G - 50 P   |
| 916700F00C | 1 1/2" x 3/4"   | 250 G - 50 P   |
| 916700F00D | 1 1/2" x 1"     | 250 G - 10 P   |
| 916700F00E | 1 1/2" x 1 1/4" | 240 G - 40 P   |
| 916700G00D | 2" x 1"         | 120 G - 40 P   |
| 916700G00E | 2" x 1 1/4"     | 120 G - 20 P   |
| 916700G00F | 2" x 1 1/2"     | 140 G - 20 P   |
| 916700I00G | 2 1/2" x 2"     | 80 G - 10 P    |
| 916700L00D | 3" x 1"         | 140 G          |
| 916700L00F | 3" x 1 1/2"     | 140 G          |
| 916700L00G | 3" x 2"         | 140 G          |
| 916700L00I | 3" x 2 1/2"     | 140 G          |
| 916700M00G | 4" x 2"         | 54 G           |
| 916700M00L | 4" x 3"         | 60 G           |

## Tappo f/m

Male threaded plug  
Bouchon fileté mâle  
Tapón macho



6 bar PP

| CODE: 9184 | D"     | PACK           |
|------------|--------|----------------|
| 918400000B | 1/2"   | 1800 G - 100 P |
| 918400000C | 3/4"   | 1000 G - 100 P |
| 918400000D | 1"     | 600 G - 100 P  |
| 918400000E | 1 1/4" | 350 G - 50 P   |
| 918400000F | 1 1/2" | 210 G - 30 P   |
| 918400000G | 2"     | 120 G - 20 P   |
| 918400000I | 2 1/2" | 80 G           |
| 918400000L | 3"     | 70 G           |
| 918400000M | 4"     | 54 G           |

## Riduzione m/f lunga

Male - female reducer, long type  
Reducteur mâle - femelle, type long  
Reducciones macho-hembra largo



6 bar PP

| CODE: 9166 | D" x D"         | PACK         |
|------------|-----------------|--------------|
| 916600C00B | 3/4" x 1/2"     | 600 G - 50 P |
| 916600D00C | 1" x 3/4"       | 400 G - 50 P |
| 916600E00B | 1 1/4" x 1/2"   | 250 G - 50 P |
| 916600E00C | 1 1/4" x 3/4"   | 250 G - 50 P |
| 916600E00D | 1 1/4" x 1"     | 240 G - 30 P |
| 916600F00D | 1 1/2" x 1"     | 150 G - 50 P |
| 916600F00E | 1 1/2" x 1 1/4" | 140 G - 20 P |
| 916600G00D | 2" x 1"         | 100 G - 10 P |
| 916600G00E | 2" x 1 1/4"     | 90 G - 10 P  |
| 916600G00F | 2" x 1 1/2"     | 90 G - 10 P  |
| 916600L00G | 3" x 2"         | 80 G         |
| 916600L00I | 3" x 2 1/2"     | 70 G         |
| 916600M00L | 4" x 3"         | 36 G         |

## Maggioratore m/f

Enlarging piece male - female  
Augmentation fileté mâle-femelle  
Unión macho-hembra



6 bar PP

| CODE: 9168 | D" x D"         | PACK         |
|------------|-----------------|--------------|
| 916800B00C | 1/2" x 3/4"     | 550 G - 50 P |
| 916800B00D | 1/2" x 1"       | 400 G - 50 P |
| 916800C00D | 3/4" x 1"       | 300 G - 50 P |
| 916800D00E | 1" x 1 1/4"     | 250 G - 50 P |
| 916800D00F | 1" x 1 1/2"     | 130 G        |
| 916800E00F | 1 1/4" x 1 1/2" | 120 G - 10 P |
| 916800F00G | 1 1/2" x 2"     | 70 G - 10 P  |
| 916800G00I | 2" x 2 1/2"     | 90 G         |
| 916800I00L | 2 1/2" x 3"     | 85 G         |
| 916800L00M | 3" x 4"         | 45 G         |

## Calotta f/f

Threaded cap  
Bouchon taraudé  
Casquete hembra



6 bar PP

| CODE: 9186 | D"     | PACK           |
|------------|--------|----------------|
| 918600000B | 1/2"   | 1800 G - 100 P |
| 918600000C | 3/4"   | 1100 G - 100 P |
| 918600000D | 1"     | 700 G - 100 P  |
| 918600000E | 1 1/4" | 350 G - 50 P   |
| 918600000F | 1 1/2" | 250 G - 50 P   |
| 918600000G | 2"     | 160 G - 50 P   |
| 918600000I | 2 1/2" | 192 G          |
| 918600000L | 3"     | 100 G          |
| 918600000M | 4"     | 78 G           |

## Manicotto portagomma

Barbed coupling  
Machon porte-caoutchouc  
Manguito porta goma



| CODE: 9190 | Ø       | PACK           |
|------------|---------|----------------|
| 9190016000 | 16      | 2500 B - 500 P |
| 9190020000 | 20      | 1250 B - 250 P |
| 9190025000 | 25      | 500 G - 100 P  |
| 9190032000 | 32      | 250 G - 50 P   |
| 9190040000 | 40      | 150 G - 50 P   |
| 9190050000 | 50      | 70 G - 10 P    |
| 9190063000 | 63      | 170 G          |
| 9190075000 | 75      | 105 G          |
| 9190090000 | 90      | 70 G           |
| 9190020016 | 20 x 16 | 1500 G - 250 P |
| 9190025016 | 25 x 16 | 700 G - 100 P  |
| 9190025020 | 25 x 20 | 700 G - 100 P  |
| 9190032025 | 32 x 25 | 300 G - 100 P  |
| 9190040032 | 40 x 32 | 200 G - 50 P   |
| 9190050040 | 50 x 40 | 80 G - 10 P    |
| 9190063050 | 63 x 50 | 60 G - 10 P    |

## TE 90° portagomma

90° barbed tee  
Te a 90° porte-caoutchouc  
T a 90° porta goma



| CODE: 9191  | Ø x Ø x Ø    | PACK           |
|-------------|--------------|----------------|
| 9191016000  | 16 x 16 x 16 | 1000 G - 250 P |
| 9191020000  | 20 x 20 x 20 | 400 G - 50 P   |
| 9191025000  | 25 x 25 x 25 | 200 G - 40 P   |
| 9191032000  | 32 x 32 x 32 | 120 G - 30 P   |
| 9191040000  | 40 x 40 x 40 | 60 G - 20 P    |
| 9191050000  | 50 x 50 x 50 | 100 G          |
| 9191063000  | 63 x 63 x 63 | 50 G           |
| 9191075000  | 75 x 75 x 75 | 30 G           |
| 9191090000  | 90 x 90 x 90 | 20 G           |
| 9191016020R | 16 x 20 x 16 | 500 G - 100 P  |
| 9191020016R | 20 x 16 x 20 | 400 G - 100 P  |
| 9191020025R | 20 x 25 x 20 | 300 G - 50 P   |
| 9191025016R | 25 x 16 x 25 | 250 G - 50 P   |
| 9191025020R | 25 x 20 x 25 | 250 G - 50 P   |

## Tappo portagomma

Barbed end plug  
Bouchon porte-caoutchouc  
Tapón porta goma



| CODE: 2060 - 2061 | Ø  | Ø   | PACK             |
|-------------------|----|-----|------------------|
| 2060004           | 4  | 3,5 | 50000 G - 1007 P |
| 2060006           | 6  | 5   | 35000 G - 1005 P |
| 2060008           | 8  | 6   | 25000 G - 1000 P |
| 2060010           | 10 | 8   | 16000 G - 1000 P |
| 2060012           | 12 | 10  | 8000 G - 1000 P  |
| 2060016           | 16 | 12  | 3000 G - 500 P   |
| 2060020           | 20 |     | 2000 G - 200 P   |
| 2060025           | 25 |     | 1000 G - 100 P   |
| 2060032           | 32 |     | 400 G - 50 P     |
| 2060040           | 40 |     | 250 G - 50 P     |
| 2060050           | 50 |     | 120 G - 30 P     |
| 2060063           | 63 |     | 70 G - 10 P      |

Tappo con gommino / Rubber plug / Bouchon avec caoutchouc / Tapón con goma  
2061012 12 10 6000 G - 1000 P

## Canotto f/m portagomma

Barbed male adaptor  
Machon porte-caoutchouc fileté male  
Empalme macho/porta goma



| CODE: 9195 | Ø x D"      | PACK           |
|------------|-------------|----------------|
| 919501600B | 16 x 1/2"   | 1200 B - 100 P |
| 919501600C | 16 x 3/4"   | 700 B - 100 P  |
| 919502000B | 20 x 1/2"   | 1000 B - 100 P |
| 919502000C | 20 x 3/4"   | 700 B - 100 P  |
| 919502500B | 25 x 1/2"   | 700 G - 100 P  |
| 919502500C | 25 x 3/4"   | 500 G - 100 P  |
| 919502500D | 25 x 1"     | 400 G - 50 P   |
| 919503200C | 32 x 3/4"   | 400 G - 50 P   |
| 919503200D | 32 x 1"     | 300 G - 50 P   |
| 919503200E | 32 x 1 1/4" | 200 G - 50 P   |
| 919504000E | 40 x 1 1/4" | 150 G - 30 P   |
| 919505000F | 50 x 1 1/2" | 80 G - 20 P    |
| 919506300G | 63 x 2"     | 240 G          |
| 919507500G | 75 x 2"     | 192 G          |
| 919507500I | 75 x 2 1/2" | 126 G          |
| 919509000G | 90 x 2"     | 144 G          |
| 919509000L | 90 x 3"     | 70 G           |

## TE 90° f/m portagomma

90° male threaded barbed tee  
Tee a 90° porte-caoutchouc avec dérivation fileté  
T a 90° tuerca macho porta goma



| CODE: 9192 | Ø x D" x Ø       | PACK          |
|------------|------------------|---------------|
| 919201600B | 16 x 1/2 x 16    | 600 G - 100 P |
| 919201600C | 16 x 3/4 x 16    | 400 G - 100 P |
| 919202000B | 20 x 1/2 x 20    | 450 G - 50 P  |
| 919202000C | 20 x 3/4 x 20    | 350 G - 50 P  |
| 919202500C | 25 x 3/4 x 25    | 200 G - 50 P  |
| 919203200D | 32 x 1" x 32     | 120 G - 30 P  |
| 919204000E | 40 x 1" 1/4 x 40 | 80 G - 20 P   |

## Gomito f/m portagomma

Male threaded/barbed elbow  
Coude fileté male/porte-caoutchouc  
Codo tuerca macho porta goma



| CODE: 9194 | Ø x D"       | PACK           |
|------------|--------------|----------------|
| 919401600B | 16 x 1/2"    | 1000 G - 100 P |
| 919401600C | 16 x 3/4"    | 700 G - 100 P  |
| 919402000B | 20 x 1/2"    | 700 G - 100 P  |
| 919402000C | 20 x 3/4"    | 600 G - 100 P  |
| 919402500C | 25 x 3/4"    | 400 G - 50 P   |
| 919403200D | 32 x 1"      | 200 G - 50 P   |
| 919404000E | 40 x 1" 1/4" | 120 G - 30 P   |

## Gomito 90° porta goma

90° barbed elbow  
Coude à 90° porte-caoutchouc  
Codo a 90° porta goma



| CODE: 9193 | Ø  | PACK           |
|------------|----|----------------|
| 9193016000 | 16 | 1200 G - 100 P |
| 9193020000 | 20 | 700 G - 100 P  |
| 9193025000 | 25 | 350 G - 50 P   |
| 9193032000 | 32 | 200 G - 50 P   |
| 9193040000 | 40 | 90 G - 30 P    |
| 9193050000 | 50 | 170 G          |
| 9193063000 | 63 | 50 G           |
| 9193075000 | 75 | 35 G           |
| 9193090000 | 90 | 30 G           |

### Manicotto per ala "grip"

Dripline coupling "grip"  
Manchon pour tube GR "grip"  
Manguito ala goteadora "grip"



| CODE: 9910 | Ø  | PACK           |
|------------|----|----------------|
| 9910016000 | 16 | 1600 G - 100 P |
| 9910020000 | 20 | 1000 G - 100 P |

### Raccordo m per ala "grip"

Dripline male adaptor "grip"  
Raccord fileté male pour tube GR "grip"  
Empalme macho ala goteadora "grip"



| CODE: 9914 | Ø x D"    | PACK           |
|------------|-----------|----------------|
| 991401600B | 16 x 1/2" | 1100 G - 100 P |
| 991401600C | 16 x 3/4" | 800 G - 100 P  |
| 991402000B | 20 x 1/2" | 800 G - 100 P  |
| 991402000C | 20 x 3/4" | 700 G - 100 P  |

### T per ala "grip"

Dripline tee with "grip"  
Te pour tube GR "grip"  
T ala goteadora "grip"



| CODE: 9950 | Ø  | PACK          |
|------------|----|---------------|
| 9950016000 | 16 | 600 G - 200 P |
| 9950020000 | 20 | 400 G - 50 P  |

### Innesto con gommino per ala "grip"

Dripline off-take with gasket  
Connecteur avec capsule en caoutchouc pour tube GR "grip"  
Abrazadera con goma para ala goteadora "grip"



| CODE: 9922 | Ø  | Ø  | PACK           |
|------------|----|----|----------------|
| 9922016000 | 16 | 12 | 1500 B - 100 P |
| 9922020000 | 20 | 12 | 1200 B - 100 P |

### Micro innesto simmetrico

Symmetric micro connector  
Micro connecteur symétrique  
Micro conector simétrico



| CODE: 2061 | Ø   | Ø | PACK            |
|------------|-----|---|-----------------|
| 2061047    | 4,5 | 4 | 12500 B - 500 P |

### Micro gomito

Micro elbow / Micro coude / Micro codo



| CODE: 9131 | Ø   | PACK   |
|------------|-----|--------|
| 913100004B | 4,5 | 1000 P |

### Micro valvola

Micro valve / Micro vanne / Micro válvula



| CODE: 9128 | Ø   | PACK            |
|------------|-----|-----------------|
| 9128004PB  | 4,5 | 5000 B - 1000 P |

### Staffetta portagomma con gommino

Barbed connector with gasket  
Connecteur porte-caoutchouc avec capsule en caoutchouc  
Abrazadera porta goma con goma



| CODE: 2046 | Ø  | Ø  | PACK           |
|------------|----|----|----------------|
| 2046016    | 16 | 12 | 2800 B - 200 P |
| 2046020    | 20 | 12 | 1000 B - 100 P |

### Gomito per ala "grip"

Dripline elbow "grip"  
Coude pour tube GR "grip"  
Codo ala goteadora "grip"



| CODE: 9980 | Ø  | PACK           |
|------------|----|----------------|
| 9980016000 | 16 | 1000 G - 100 P |
| 9980020000 | 20 | 600 G - 100 P  |

### Gomito f/m per ala "grip"

Dripline male elbow "grip"  
Coude fileté male pour tube GR "grip"  
Codo macho ala goteadora "grip"



| CODE: 9984 | Ø x D"    | PACK          |
|------------|-----------|---------------|
| 998401600B | 16 x 1/2" | 800 G - 100 P |
| 998401600C | 16 x 3/4" | 700 G - 100 P |
| 998402000B | 20 x 1/2" | 700 G - 100 P |
| 998402000C | 20 x 3/4" | 500 G - 100 P |

### T f/m per ala "grip"

Dripline male tee "grip"  
Te fileté male pour tube GR "grip"  
T macho ala goteadora "grip"



| CODE: 9954 | Ø x D" x Ø     | PACK          |
|------------|----------------|---------------|
| 995401600B | 16 x 1/2" x 16 | 500 G - 100 P |
| 995402000B | 20 x 1/2" x 20 | 350 G - 50 P  |

### Tappo di fine linea "grip"

End plug "grip"  
Bouchon fin de ligne "grip"  
Tapón fin de línea "grip"



| CODE: 9333  | Ø  | PACK           |
|-------------|----|----------------|
| 93332016000 | 16 | 2400 G - 100 P |
| 93332020000 | 20 | 1500 G - 100 P |

### Micro adattatore

Micro adaptor  
Microadaptateur  
Micro adaptador



| CODE: 9130 | Ø   | PACK   |
|------------|-----|--------|
| 913000004B | 4,5 | 1000 P |

### Micro T

Micro tee / Micro tè / Micro T



| CODE: 9132 | Ø   | PACK   |
|------------|-----|--------|
| 913200004B | 4,5 | 1000 P |

### Micro innesto fisso

Micro connector / Micro connecteur  
Micro conector



| CODE: 2061 | Ø | Ø   | PACK             |
|------------|---|-----|------------------|
| 2061004    | 4 | 3,5 | 14098 B - 1007 P |
| 2061006    | 6 | 5   | 15025 B - 1005 P |

### Micro croce

Micro cross / Micro croix / Micro cruz



| CODE: 9133 | Ø   | PACK   |
|------------|-----|--------|
| 913300004B | 4,5 | 1000 P |

## Gocciolatori

Drippers / Goutteurs / Goteros



### Gocciolatore Rambo

Rambo dripper  
Goutteur Rambo  
Gotero Rambo



| CODE: 2010 |     | PACK       |         |         |  |
|------------|-----|------------|---------|---------|--|
|            |     | bar vs l/h |         |         |  |
| 2010       | 3,5 | 2.000 C    |         |         |  |
|            |     | 1,0 bar    | 1,5 bar | 2,0 bar |  |
| 2010002    | 2   | 2,3        | 3,0     | 3,6     |  |
| 2010004    | 4   | 4,0        | 5,0     | 5,7     |  |
| 2010008    | 8   | 8,0        | 9,8     | 11,2    |  |
| 2010016    | 16  | 15,0       | 18,2    | 21,4    |  |

### Gocciolatore Rambo PC

Pressure regulating dripper Rambo  
Goutteur autorégulant Rambo  
Gotero autocompensado Rambo



| CODE: 2015 |     | PACK           |         |         |         |         |  |
|------------|-----|----------------|---------|---------|---------|---------|--|
|            |     | bar vs l/h     |         |         |         |         |  |
| 2015       | 3,5 | 3000 B - 500 P |         |         |         |         |  |
|            |     | 1,0 bar        | 1,5 bar | 2,0 bar | 2,5 bar | 3,0 bar |  |
| 2015020S   | 2   | 2,10           | 2,15    | 2,20    | 2,22    | 2,10    |  |
| 2015040S   | 4   | 3,85           | 4,10    | 4,06    | 4,00    | 4,00    |  |
| 2015080S   | 8   | 7,00           | 8,20    | 7,90    | 7,80    | 7,80    |  |
| 2015015S   | 15  | 14,20          | 15,00   | 14,80   | 14,70   | 14,70   |  |

### Gocciolatore Sting PC

Pressure regulating dripper Sting  
Goutteur autorégulant Sting  
Gotero autocompensado Sting



| CODE: 2012 |     | PACK            |         |         |         |         |  |
|------------|-----|-----------------|---------|---------|---------|---------|--|
|            |     | bar vs l/h      |         |         |         |         |  |
| 2012       | 3,5 | 7000 B - 1000 P |         |         |         |         |  |
|            |     | 1,0 bar         | 1,5 bar | 2,0 bar | 2,5 bar | 3,0 bar |  |
| 2012001    | 1   | 1,00            | 1,05    | 1,10    | 1,10    | 1,08    |  |
| 2012002    | 2   | 2,00            | 2,10    | 2,20    | 2,20    | 2,15    |  |
| 2012004    | 4   | 4,00            | 4,15    | 4,30    | 4,30    | 4,25    |  |
| 2012008    | 8   | 8,00            | 8,20    | 8,30    | 8,30    | 8,25    |  |

### Gocciolatore Minidelta

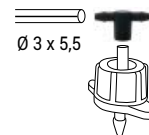
Dripper Minidelta  
Goutteur Minidelta  
Gotero Minidelta



| CODE: 2020 |     | PACK       |         |         |  |
|------------|-----|------------|---------|---------|--|
|            |     | bar vs l/h |         |         |  |
| 2020       | 3,5 | 1.500 B    |         |         |  |
|            |     | 1,0 bar    | 1,5 bar | 2,0 bar |  |
| 2020005    | 5   | 5,2        | 6       | 8       |  |
| 2020008    | 8   | 7,9        | 9,5     | 11      |  |
| 2020010    | 10  | 10         | 11,5    | 14      |  |
| 2020016    | 16  | 16         | 17      | 19,5    |  |
| 2020022    | 22  | 22         | 24      | 26      |  |

## Adattatori per gocciolatori

Adaptors for drippers  
Adaptateurs pour goutteurs  
Adaptadores para goteros



### Adattatore a gomito 1 uscita

Elbow adaptor 1 outlet / Adapteur coude 1 voie  
Codo adaptador a una salida



| CODE: 20081 | Ø   | PACK             |
|-------------|-----|------------------|
| 20080010    | 3,0 | 16000 C - 1000 P |

### Adattatore a T 2 uscite

T adaptor 2 outlets / Adapteur Té 2 voies  
Adaptador T a dos salidas



| CODE: 20082 | Ø   | PACK             |
|-------------|-----|------------------|
| 20080020    | 3,0 | 10000 C - 1000 P |

### Adattatore a Y 2 uscite

Ypsilon adaptor 2 outlets / Adapteur Y 2 voies  
Adaptador Y a dos salidas



| CODE: 20083 | Ø   | PACK             |
|-------------|-----|------------------|
| 20080030    | 3,0 | 10000 C - 1000 P |

### Adattatore a croce 4 uscite

Cross adaptor 4 outlets / Adapteur croix 4 voies  
Cruz adaptador a 4 salidas



| CODE: 20084 | Ø   | PACK            |
|-------------|-----|-----------------|
| 20080040    | 3,0 | 8000 C - 1000 P |

### Tappo

End plug / Bouchon / Tapón



| CODE: 20085 | Ø   | PACK             |
|-------------|-----|------------------|
| 20080050    | 3,0 | 20000 B - 1000 P |

### Gocciolatore regolabile

Adjustable dripper  
Goutteur réglable  
Gotero regulable



| CODE: 9125  |     | PACK          |          |        |
|-------------|-----|---------------|----------|--------|
|             |     | bar vs l/h    |          |        |
| 912536040PB | 4,5 | 7000B - 1000P |          |        |
|             |     | 1,0           | 1,5      | 2,0    |
|             | l/h | 0 - 40        | 0 - 50   | 0-60   |
|             | r m | 0 - 0,25      | 0 - 0,30 | 0-0,40 |

### Gocciolatore regolabile su picchetto

Adjustable dripper on spike  
Goutteur réglable sur piquet  
Gotero regulable en piquete



| CODE: 9124  |     | PACK          |          |        |
|-------------|-----|---------------|----------|--------|
|             |     | bar vs l/h    |          |        |
| 912436040EB | 4,5 | 1000B - 1000P |          |        |
|             |     | 1,0           | 1,5      | 2,0    |
|             | l/h | 0 - 40        | 0 - 50   | 0-60   |
|             | r m | 0 - 0,25      | 0 - 0,30 | 0-0,40 |
| 912436040LB | 4,5 | 1000B - 1000P |          |        |
|             |     | 1,0           | 1,5      | 2,0    |
|             | l/h | 0 - 40        | 0 - 50   | 0-60   |
|             | r m | 0 - 0,25      | 0 - 0,30 | 0-0,40 |



## Spruzzatori

Sprinklers / Asperseurs / Aspersores

### Spruzzatore raggio normale testa in sù

Upright micro sprinkler - medium radius rotor  
Arroseur droit - trajectoire d'action moyen  
Aspersor recto - radio de acción medio



CODE: 20172

CODE: 20182

|         | Ø mm | color |   | PACK           |
|---------|------|-------|---|----------------|
| 2017201 | 1,0  | +     | 4 | 2000 B - 500 P |
| 2017211 | 1,1  | +     | 4 | 2000 B - 500 P |
| 2017212 | 1,2  | +     | 4 | 2000 B - 500 P |
| 2017213 | 1,3  | +     | 4 | 2000 B - 500 P |
| 2017214 | 1,4  | +     | 4 | 2000 B - 500 P |
| 2017216 | 1,6  | +     | 4 | 2000 B - 500 P |
| 2017218 | 1,8  | +     | 4 | 2000 B - 500 P |
| 2017202 | 2,0  | +     | 4 | 2000 B - 500 P |
| 2017223 | 2,3  | +     | 4 | 2000 B - 500 P |

### Spruzzatore girevole

Micro Sprinkler  
Mini arroseur  
Mini aspersor



CODE: 20175

|         | Ø mm | color |   | PACK           |
|---------|------|-------|---|----------------|
| 2017501 | 1,0  | +     | 4 | 2000 B - 500 P |
| 2017512 | 1,2  | +     | 4 | 2000 B - 500 P |
| 2017515 | 1,5  | +     | 4 | 2000 B - 500 P |
| 2017518 | 1,8  | +     | 4 | 2000 B - 500 P |
| 2017502 | 2,0  | +     | 4 | 2000 B - 500 P |
| 2017525 | 2,5  | +     | 4 | 2000 B - 500 P |

### Mini Sprinklers

90°



CODE: 2019090

|            | Ø mm | color |     | PACK |
|------------|------|-------|-----|------|
| 201909008A | 0,8  | +     | 3,5 | 100  |
| 201909010A | 1,0  | +     | 3,5 | 100  |
| 201909013A | 1,3  | +     | 3,5 | 100  |
| 201909015A | 1,5  | +     | 3,5 | 100  |
| 201909018A | 1,8  | +     | 3,5 | 100  |
| 201909020A | 2,0  | +     | 3,5 | 100  |
| 201909023A | 2,3  | +     | 3,5 | 100  |

### Spruzzatore raggio largo testa in sù

Upright micro sprinkler - wide radius rotor / Arroseur droit - trajectoire d'action étendu  
Aspersor recto - radio de acción amplio



CODE: 20171

CODE: 20181

|         | Ø mm | color |   | PACK           |
|---------|------|-------|---|----------------|
| 2017101 | 1,0  | +     | 4 | 2000 B - 500 P |
| 2017111 | 1,1  | +     | 4 | 2000 B - 500 P |
| 2017112 | 1,2  | +     | 4 | 2000 B - 500 P |
| 2017113 | 1,3  | +     | 4 | 2000 B - 500 P |
| 2017114 | 1,4  | +     | 4 | 2000 B - 500 P |
| 2017116 | 1,6  | +     | 4 | 2000 B - 500 P |
| 2017118 | 1,8  | +     | 4 | 2000 B - 500 P |
| 2017102 | 2,0  | +     | 4 | 2000 B - 500 P |
| 2017123 | 2,3  | +     | 4 | 2000 B - 500 P |

### Mini Sprinklers

360°



CODE: 2019360

|            | Ø mm | color |     | PACK |
|------------|------|-------|-----|------|
| 201936008A | 0,8  | +     | 3,5 | 100  |
| 201936010A | 1,0  | +     | 3,5 | 100  |
| 201936013A | 1,3  | +     | 3,5 | 100  |
| 201936015A | 1,5  | +     | 3,5 | 100  |
| 201936018A | 1,8  | +     | 3,5 | 100  |
| 201936020A | 2,0  | +     | 3,5 | 100  |
| 201936023A | 2,3  | +     | 3,5 | 100  |

### Mini Sprinklers

180°



CODE: 2019180

|            | Ø mm | color |     | PACK |
|------------|------|-------|-----|------|
| 201918008A | 0,8  | +     | 3,5 | 100  |
| 201918010A | 1,0  | +     | 3,5 | 100  |
| 201918013A | 1,3  | +     | 3,5 | 100  |
| 201918015A | 1,5  | +     | 3,5 | 100  |
| 201918018A | 1,8  | +     | 3,5 | 100  |
| 201918020A | 2,0  | +     | 3,5 | 100  |
| 201918023A | 2,3  | +     | 3,5 | 100  |

### Spruzzatore testa in giù

Upside down micro sprinkler  
Arroseur à l'envers  
Aspersor al revés



CODE: 20170

CODE: 20180

|         | Ø mm | color |   | PACK           |
|---------|------|-------|---|----------------|
| 2017001 | 1,0  | +     | 4 | 2000 B - 500 P |
| 2017011 | 1,1  | +     | 4 | 2000 B - 500 P |
| 2017012 | 1,2  | +     | 4 | 2000 B - 500 P |
| 2017013 | 1,3  | +     | 4 | 2000 B - 500 P |
| 2017014 | 1,4  | +     | 4 | 2000 B - 500 P |
| 2017016 | 1,6  | +     | 4 | 2000 B - 500 P |
| 2017018 | 1,8  | +     | 4 | 2000 B - 500 P |
| 2017002 | 2,0  | +     | 4 | 2000 B - 500 P |
| 2017023 | 2,3  | +     | 4 | 2000 B - 500 P |

### Mini Sprinklers

Mini Vortex 360°



CODE: 201936000B

|            | Ø mm | color |     | PACK |
|------------|------|-------|-----|------|
| 201936000B | -    | +     | 3,5 | 100  |

### Mini Sprinklers

Micro Mist 360°



CODE: 201936000C

|            | Ø mm | color |     | PACK |
|------------|------|-------|-----|------|
| 201936000C | -    | +     | 3,5 | 100  |

### Contrappeso

Counterweight  
Contrepoids  
Contrapeso



CODE: 9149

|            | Ø | g  | PACK  |
|------------|---|----|-------|
| 9149009038 | 9 | 38 | 500 P |

### Universal Key Punch



CODE: 2003A35



PACK

|         |     |     |
|---------|-----|-----|
| 2003A35 | 3,5 | 500 |
|---------|-----|-----|



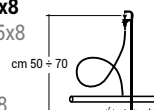
### Informazioni tecniche

Technical information  
Informations techniques  
Datos técnicos

### Installazione

Installation / Installation / Instalación

tubicino PVC morbido 5x8  
PVC flexible small pipe 5x8  
Petit tuyau flexible en PVC 5x8  
Tubito en PVC suave 5x8





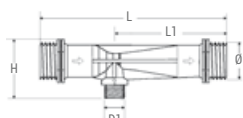
## Iniettore Venturi

Venturi injector  
Injecteur Venturi  
Injector Venturi



### Iniettore Venturi

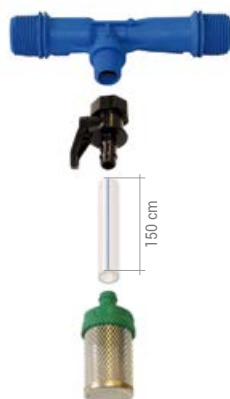
Venturi injector  
Injecteur Venturi  
Injector Venturi



| CODE: 9864 | Ø      | D1   | L   | L1  | H  | PACK |
|------------|--------|------|-----|-----|----|------|
| 986400000C | 3/4"   | 1/2" | 139 | 89  | 63 | 25G  |
| 986400000D | 1"     | 1/2" | 168 | 94  | 66 | 25G  |
| 986400000F | 1 1/2" | 3/4" | 278 | 166 | 75 | 10G  |
| 986400000G | 2"     | 1"   | 300 | 180 | 95 | 10G  |

### Iniettore Venturi kit completo

Venturi injector complete kit  
Injecteur Venturi kit complet  
Injector Venturi kit completo



| CODE: 9865 | Ø      | PACK |
|------------|--------|------|
| 986500000C | 3/4"   | 100G |
| 986500000D | 1"     | 100G |
| 986500000F | 1 1/2" | 40G  |
| 986500000G | 2"     | 20G  |



## Ala gocciolante

Drip line  
Tube GR  
Ala goteadora



### Ala gocciolante nera

Black drip line / Tube GR noir / Ala goteadora negra

| CODE: 4311   | Ø  | hole | spacing | flow rate | bar max | coil | coil x plt |
|--------------|----|------|---------|-----------|---------|------|------------|
| 431160230100 | 16 | 4    | 30 cm   | 2 l/h     | 4       | 100m | 48         |
| 431160230050 | 16 | 4    | 30 cm   | 2 l/h     | 4       | 50m  | 88         |
| 431160230025 | 16 | 4    | 30 cm   | 2 l/h     | 4       | 25m  | 100        |

### Ala autocompensante nera

Pressure compensating black drip line  
Tube GR noir auto-regulant  
Ala goteadora negra auto-regulada

| CODE: 4411   | Ø  | hole | spacing | flow rate | bar max | coil | coil x plt |
|--------------|----|------|---------|-----------|---------|------|------------|
| 441160230100 | 16 | 2    | 30 cm   | 2 l/h     | 4       | 100m | 48         |



### Ala gocciolante marrone

Brown drip line / Tube GR brun / Ala goteadora marrón

| CODE: 4321   | Ø  | hole | spacing | flow rate | bar max | coil | coil x plt |
|--------------|----|------|---------|-----------|---------|------|------------|
| 432160230100 | 16 | 4    | 30 cm   | 2 l/h     | 4       | 100m | 48         |

### Ala autocompensante marrone

Pressure compensating brown drip line  
Tube GR brun auto-regulant  
Ala goteadora marrón auto-regulada

| CODE: 4421   | Ø  | hole | spacing | flow rate | bar max | coil | coil x plt |
|--------------|----|------|---------|-----------|---------|------|------------|
| 442160230100 | 16 | 2    | 30 cm   | 2 l/h     | 4       | 100m | 48         |



## Filtro

Filters / Filtres / Filtros

### Filetto maschio

Male thread

Filét male

Rosca macho

[UNI EN 10226-1]

### Fascia di serraggio in acciaio inox

Stainless steel

clamp

Collier en acier inox

Brida de fijación

en acero inox

### Corpo

Body / Corp

Cuerpo

[PA]



### Filetto maschio

Male thread

Filét male

Rosca macho

[UNI EN 10226-1]

### Corpo

Body / Corp

Cuerpo

[PP]



### Filetto maschio

Male thread

Filét male

Rosca macho

[UNI EN 10226-1]

### Corpo

Body / Corp

Cuerpo

[PP]



## Filtro SABfilter a dischi

Disc filter SABfilter

Filtre à disques SABfilter

Filtro a discos SABfilter



CODE: 9854

Ø

MC/H

PN

MESH

PACK

985401500G

2"

30

10

150

1

985401500L

3"

50

10

150

1

## Cartuccia

Cartridge / Cartouche / Cartucho



9854015002

2"

150

1

9854015003

3"

150

1

## Filtro a rete inox

Stainless steel screen filter

Filtre a tamis

Filtro de malla



CODE: 9852

D"

MC/H

PN

MESH

PACK

985201200C

3/4"

5

8

120

60

985201200D

1"

6

8

120

60

985201200E

1" 1/4

10

8

120

25

985201200F

1" 1/2

14

8

120

25

985201200G

2"

25

8

120

13

## Cartuccia

Cartridge / Cartouche / Cartucho



9852012001

3/4"-1"

120

60

9852012002

1"1/4-1"1/2

120

60

9852012003

2"

120

60

## Filtro a dischi

Disc filter

Filtre à disques

Filtro a discos



CODE: 9851

D"

MC/H

PN

MESH

PACK

985101200C

3/4"

5

8

120

60

985101200D

1"

6

8

120

60

985101200E

1" 1/4

10

8

120

25

985101200F

1" 1/2

14

8

120

25

985101200G

2"

25

8

120

13

## Cartuccia

Cartridge / Cartouche / Cartucho



9851012001

3/4"-1"

120

60

9851012002

1"1/4-1"1/2

120

60

9851012003

2"

120

60



# ValveBox

## Pozzetti

Valve boxes

Regards

Arquetas



### Coperchio

Cover  
Couvercle  
Tapa  
[PP]

### Corpo

Body  
Corp  
Cuerpo  
[PP]



### Connessione tubi.

Pipe connections.  
Branchements des tuyaux.  
Conexiones de las tuberías.



### Predisposizione per fissaggio scatola di derivazione.

Wire box housing.  
Compartiment pour cablage électrique.  
Predisposición para la fijación caja de derivación.



### Porta palo.

Lamp post holder.  
Poteau de luminaire.  
Palo de iluminación.



### Fissaggio coperchio con viti autofilettanti.

Cover fixing with self tightening screws.  
Couvercle avec fermeture par vis.  
Fijación tapa con tornillos autoroscantes.



### Montaggio contrapposto.

A simple solution to double the height.  
Un système simple de réhausse.  
Montaje contrapuesto.



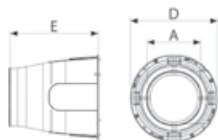
### Fissaggio con viti o con fascetta.

Screw tightening or strap tightening.  
Serrage par vis ou bande.  
Fijación con tornillos o con abrazadera.

## Pozzetto circolare

Round valve box / Regard ronde / Arqueta redonda

### Mini

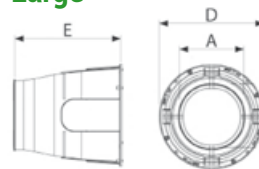


| CODE: 2070 | A   | B | C | D   | E   | PACK |
|------------|-----|---|---|-----|-----|------|
| 2070000    | 160 | - | - | 212 | 230 | 720  |

## Pozzetto circolare

Round valve box / Regard ronde / Arqueta redonda

### Large



| CODE: 2071 | A   | B | C | D   | E   | PACK |
|------------|-----|---|---|-----|-----|------|
| 2071000    | 240 | - | - | 300 | 250 | 385  |

## Pozzetto ovale

Oval box / Regard ovale / Arqueta ovalada

### Baby

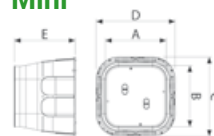


| CODE: 6515 | A   | B   | C | D | E   | PACK |
|------------|-----|-----|---|---|-----|------|
| 2065S015BV | 200 | 150 | - | - | 127 | 240  |

## Pozzetto quadrato

Square valve box / Regard carré / Arqueta cuadrada

### Mini

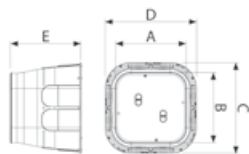


| CODE: 6420 | A   | B   | C   | D   | E   | PACK |
|------------|-----|-----|-----|-----|-----|------|
| 2064S020BV | 175 | 175 | 250 | 250 | 210 | 210  |

## Pozzetto quadrato

Square valve box / Regard carré / Arqueta cuadrada

### Medium

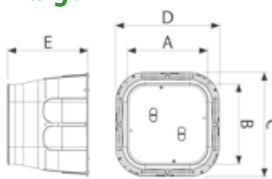


| CODE: 6430 | A   | B   | C   | D   | E   | PACK |
|------------|-----|-----|-----|-----|-----|------|
| 2064S030BV | 222 | 222 | 315 | 315 | 230 | 168  |

## Pozzetto quadrato

Square valve box / Regard carré / Arqueta cuadrada

### Large

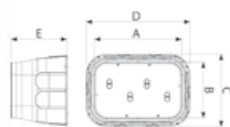


| CODE: 6440 | A   | B   | C   | D   | E   | PACK |
|------------|-----|-----|-----|-----|-----|------|
| 2064S040BV | 290 | 290 | 400 | 400 | 300 | 96   |

## Pozzetto rettangolare

Rectangular valve box / Regard rectangulaire / Arqueta rectangular

### Standard

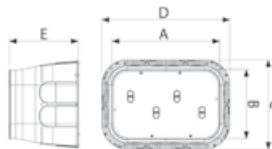


| CODE: 7450   | A   | B   | C   | D   | E   | PACK |
|--------------|-----|-----|-----|-----|-----|------|
| 02074S4050BV | 400 | 270 | 390 | 525 | 300 | 52   |

## Pozzetto rettangolare

Rectangular valve box / Regard rectangulaire / Arqueta rectangular

### Jumbo



| CODE: 7460   | A   | B   | C   | D   | E   | PACK |
|--------------|-----|-----|-----|-----|-----|------|
| 02074S5060BV | 445 | 370 | 520 | 600 | 300 | 52   |

## Accessori

Accessories / Accessoires / Accesorios



### Fondo

Base closure  
Fond  
Fondo



### Separatore

Partition  
Cloison de compartimentation  
Separador



### Portapalo

Lamp post holder  
Support pour poteau de  
luminaire / Soporte



### Staffa per morsettiera

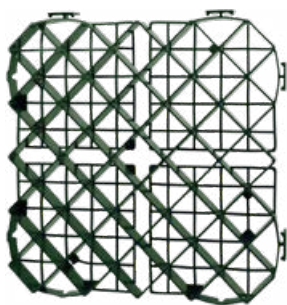
Terminal block clamp  
Crochet de serrage  
Clip de fijación



# Grab

## Grigliato in HDPE per prati carrabili

HDPE Grass saver  
Dalle gazon en PEHD  
Rejilla para césped en HDPE



|                            |                 |                 |
|----------------------------|-----------------|-----------------|
| <b>CODE: 07000</b>         | <b>0700040V</b> | <b>0700050V</b> |
| <b>L mm</b>                | 395             | 395             |
| <b>H mm</b>                | 40              | 50              |
| <b>ton / m<sup>2</sup></b> | 200             | 200             |
| <b>pallet cm</b>           | 120 x 80 x 120  | 120 x 80 x 120  |
| <b>pcs x plt</b>           | 162             | 132             |
| <b>m<sup>2</sup> x plt</b> | 25              | 20              |
| <b>pcs x m<sup>2</sup></b> | 6,5             | 6,5             |



### Tappo bianco in PP per GRAB

PP white plug for Grab  
Bouchon blanc en PP pour dalle gazon  
Tapón blanco para rejillas para césped

# Canyon

## Embrice in PP per canale di scolo

PP Water run-off channel  
Descente d'eau en PP  
Alcantarillas para el drenaje de las aguas de carreteras en PP



|                    |                 |
|--------------------|-----------------|
| <b>CODE: 50009</b> | <b>50009</b>    |
| <b>L mm</b>        | 500             |
| <b>D mm</b>        | 340             |
| <b>D1 mm</b>       | 300             |
| <b>H mm</b>        | 150             |
| <b>H1 mm</b>       | 100             |
| <b>pallet cm</b>   | 130 x 110 x 220 |
| <b>pcs x plt</b>   | 120             |



## Installazione

Installation / Installation / Instalación



**Prato**  
Grass



**GRAB su terreno**  
GRAB with suitable ground

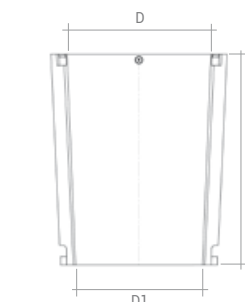
**Sabbia**  
Sand

**Stabilizzato**  
Mixed gravel

**Suolo del sito**  
Ground site

## Installazione

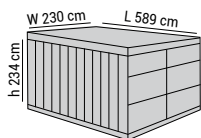
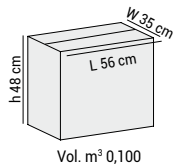
Installation / Installation / Instalación



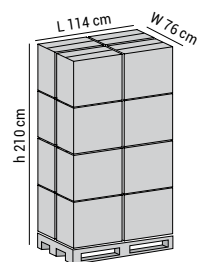
# Imballaggi

Packaging / Emballages / Embalaje

## TYPE A

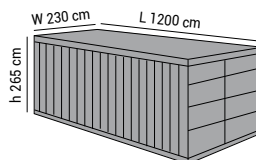


**cntr 20'**  
m³ 31,6 m³ net 29

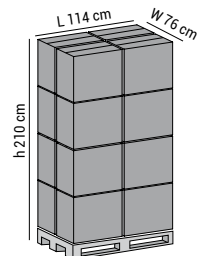


**Pallet 114 x 76 x h 210 cm**

**Nº 16** carton boxes / pallet  
**Nº 14** pallet / cntr 20'  
**Nº 224** carton boxes / cntr 20'

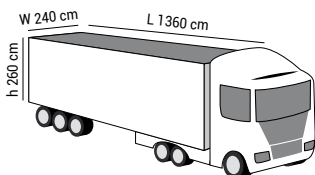


**cntr 40' high cube**  
m³ 70 m³ net 66

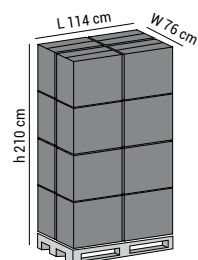


**Pallet 114 x 76 x h 210 cm**

**Nº 16** carton boxes / pallet  
**Nº 30** pallet / cntr 40 HC  
**Nº 480** carton boxes / cntr 40 HC



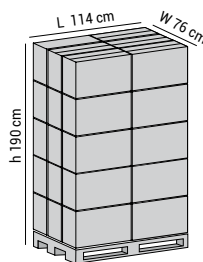
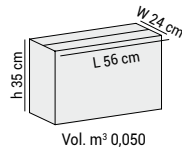
**truck**  
m³ 92



**Pallet 114 x 76 x h 210 cm**

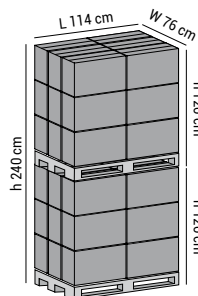
**Nº 16** carton boxes / pallet  
**Nº 35** pallet / truck  
**Nº 560** carton boxes / truck

## TYPE B



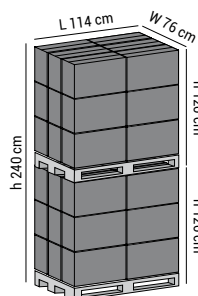
**Pallet 114 x 76 x h 190 cm**

**Nº 30** carton boxes / pallet  
**Nº 14** pallet / cntr 20'  
**Nº 420** carton boxes / cntr 20'



**Pallet 114 x 76 x h 120 cm**

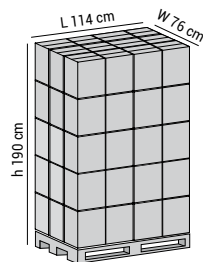
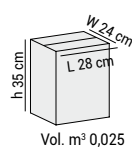
**Nº 18** carton boxes / pallet  
**Nº 60** pallet / cntr 40 HC  
**Nº 1080** carton boxes / cntr 40 HC



**Pallet 114 x 76 x h 120 cm**

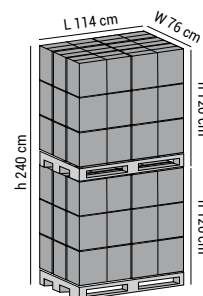
**Nº 18** carton boxes / pallet  
**Nº 68** pallet / truck  
**Nº 1224** carton boxes / truck

## TYPE C



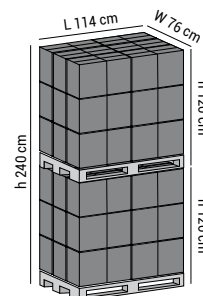
**Pallet 114 x 76 x h 190 cm**

**Nº 60** carton boxes / pallet  
**Nº 14** pallet / cntr 20'  
**Nº 840** carton boxes / cntr 20'



**Pallet 114 x 76 x h 120 cm**

**Nº 36** carton boxes / pallet  
**Nº 60** pallet / cntr 40 HC  
**Nº 2160** carton boxes / cntr 40 HC



**Pallet 114 x 76 x h 120 cm**

**Nº 36** carton boxes / pallet  
**Nº 68** pallet / truck  
**Nº 2448** carton boxes / truck





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Società soggetta a direzione e coordinamento  
 da parte di HB Boscarini S.p.A.



**BILANCIO DI  
 SOSTENIBILITÀ**  
 SUSTAINABILITY  
 REPORT

