



LUXOR®



GENERAL CATALOGUE
SANITARY LINE

2024.1



60 YEARS OF ITALIAN TRADITION

Luxor is an important industrial reality, world wide and European market leader in the production of flexible hoses and components for hydro and thermo-sanitary installations. Luxor has been the expression of the most prestigious made in Italy and the great Italian high technology mechanical workings tradition for fifty years; a quality certified and recognized by the most prestigious International Certification Institutes all over the world.

Our mission is the complete customer satisfaction through a process of continuous technological research in order to make high quality, reliable products, anticipating the market evolutions by innovative partnership with both customers and suppliers. Luxor mission takes

place in its own Research and Development Centre in which new and advanced technologies are constantly analyzed and researched with continuous investments to offer the most innovative and reliable solutions for the international markets at competitive costs, ensuring strict quality controls on each single piece.

Luxor entirely plans and realizes each product, thanks to its decennial know how. The great production strength, a "slender" innovative and advanced industrial organization together with a modern logistic conception, make Luxor able to satisfy every kind of request, even customized, with fast deliveries all over the world.



Luxor is certified
ISO 9001:2015
by DEKRA Group
certification body

CERTIFICATION



Please contact our offices for information about technical specifications and certified products or visit the website of the corresponding certification body for the latter.

Please refer to www.nsf.org for a complete list of NSF approved products.
Please refer to www.iapmort.org for a complete list of UPC/cUPC approved products.

FLEXIBLE HOSES



Luxor's Flexible hoses are first rate Made in Italy products, reliable and top quality products worldwide renowned.

The excellent mechanical and hygienic features, the easiness of their installation and the good value of this product find a continuously increasing appreciation by installers and merchants. The constant attention given to the market demands, to customers' requirements and to the hygienic and environmental obligations, make Luxor's flexible hoses a clear point of reference in the sanitary-plumbing market.



QUALITY AND COMPLIANCE

Luxor's Company's Quality System and Luxor's flexible hoses are approved and certified by the most important International Institutes.



COMPLIANCE WITH EN 13618

EN 13618 compliant flexible hoses are available in sizes from DN 6 to DN 25 and are the optimum choice for carrying potable and sanitary water in any type of installation.



FLEET OF AUTOMATIC MACHINES

The production process makes use of cutting-edge machinery to ensure precise product execution at every stage.



ALL-ROUND DESIGN

Luxor handles the entire hose production process in-house, from design to assembly, ensuring total control over the quality and efficiency of its products.



CUSTOMISED SOLUTIONS

Luxor works with its customers to create customised flexible hoses, developing tailor-made products that meet market requirements.



CONTROL PROCEDURES

Luxor flexible hoses are subjected to rigorous inspection procedures using high resolution cameras to detect any defects, ensuring accurate verification of product quality.



CUSTOMISED FITTINGS

Luxor manufactures customised fittings and offers design services and customised solutions for its customers.



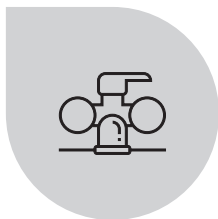
IDENTIFICATION MARK

All Luxor's flexible hoses are clearly and rigorously marked with an identification mark on the clamping ferrules bearing the mark LUX, year of production and the technical-regulation quotes. By marking the hose each producer assumes his responsibility of what is produced: **beware of hoses with no name!**

APPLICATIONS

Luxor Spa's flexible hoses are the ideal solution for every application, both sanitary and industrial. They are safe and easy to install.

The table below shows some of the most common applications, as well as the availability with silicone, TP, EPDM, PEX and butyl inliner.



traditional taps



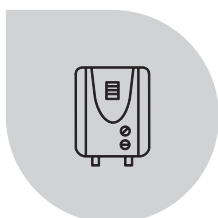
mixers



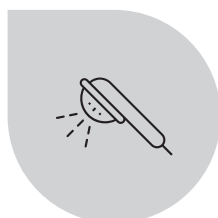
heating systems



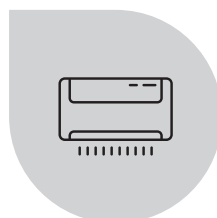
flushing tanks



boilers



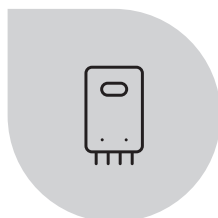
kitchen pull-out shower

conditioning systems /
fan coil

washing machines



mounting columns



water heaters



dishwasher



shower cabins



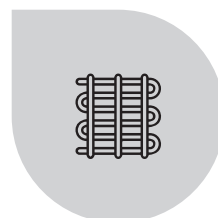
whirlpools



































pumps



coffee machines



radiant ceiling panels

Inliner Range	Nominal diameter	Single-lever mixer taps	Two-handle faucets	Mixers	Pull-out shower faucets	Single-hole mixer taps	Coffee machines	Cisterns	Water installations	Sanitary systems	Boilers	Inlet hoses	Water meters	Whirlpools	Shower cubicles	Fancoils	Heating systems	Pumps	Autoclaves	Heat pumps	Air-conditioning systems	Greenhouses	Risers	Common installations	Radiant ceiling panels
   	DN6	●		●			●																		
   	DN8	●	●	●	●	●	●	●	●	●	●					●	●				●				●
   	DN10		●						●	●	●	●				●	●				●				●
   	DN13								●		●	●	●	●	●	●	●				●				●
 	DN15										●						●	●	●	●	●	●	●	●	
   	DN18																●	●	●	●	●	●	●	●	
   	DN25																●	●	●	●	●	●	●	●	
   	DN32																●	●	●		●	●	●	●	
	DN40																●	●	●			●	●	●	
	DN50																●	●	●			●	●	●	

INLINER

SILICONE

Silicone, a noble high-quality material, has gained growing recognition on sanitary markets at an international level.

It is the most hygienic material available on the market and guarantees complete purity. Outstanding elasticity and excellent mechanical properties throughout the temperature range exemplify its characteristics.



HYGIENIC PURITY



RESISTANCE TO HIGH TEMPERATURE



THERMOPLASTIC

As the result of years of R&D of noble and high-performance materials, TP combines the purity and hygiene of PEX and silicone with the outstanding mechanical properties of EPDM.

Flexibility, versatility and usability make Luxor TP hoses a high-quality product certified by the most prominent international institutes. Luxor TP hoses were developed in order to protect the end users' wellbeing and the environment by being hygienically pure and completely recyclable.



APPROVALS



FLEXIBILITY



EPDM

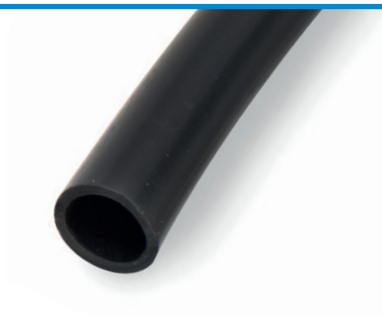
EPDM rubber is the most widespread inliner material. Available in various compounds, it shows excellent hygienic and mechanical characteristics as well as resistance to oxidation, environmental factors and high temperatures.



MECHANICAL RESISTANCE



COMPLETE RANGE



PEX

PEX is a thermoplastic material endowed with excellent hygienic properties which does not affect the taste and smell of water throughout the temperature range. PEX hoses have established themselves on the market as a good alternative to EPDM.



GOOD HYGIENIC PURITY



BUTYL

Butyl is a material with low oxygen permeability. This feature makes it suitable for all closed circuit applications where oxygen creates corrosion.



RESISTANCE TO OXYGEN PERMEABILITY








NOMINAL DIAMETER

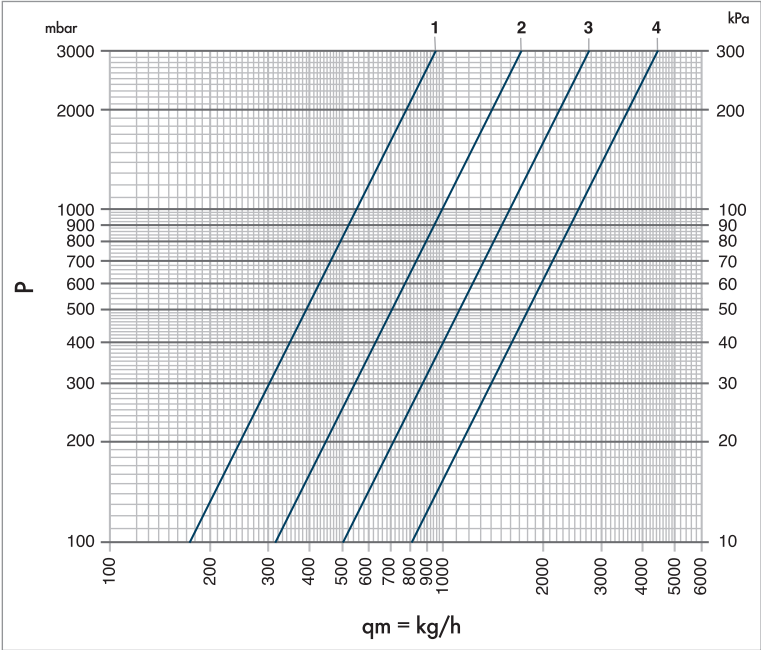
Luxor Spa's range of hoses comprises products which comply with the most prominent international standards and the current European norm EN13618:2017.

The table below shows the most relevant technical features for every nominal diameter, as well as the availability with silicone, TP, EPDM, PEX and butyl inliner.

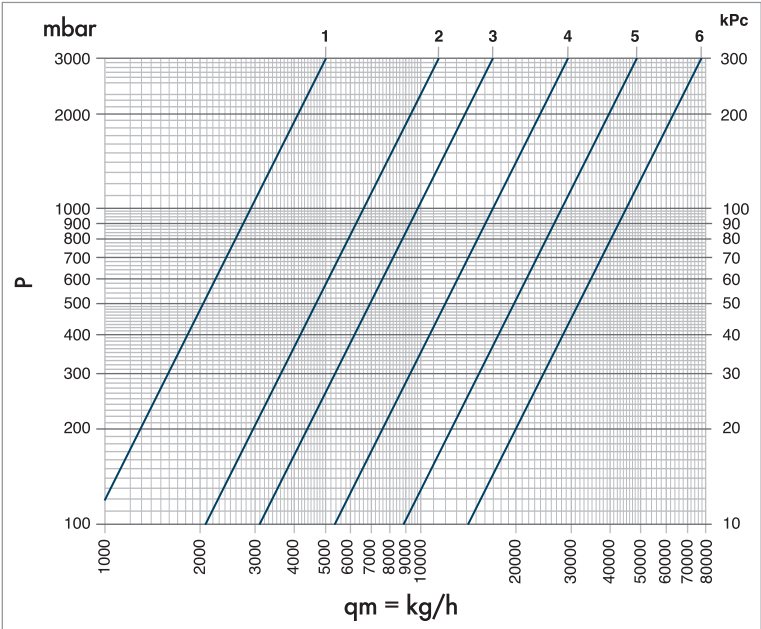
Inliner Range	Nominal Diameter	Inner ø mm	Outer ø mm	Min bending radius	Inner fittings ø mm	Flow rate at 3 bar	Max working pressure	Max working temperature	Min working temperature	Available Fittings	Available Braids	Clamping ferrules material
	DN6	6,3	10	40	4,7	16 l/min	10 Bar	70° C	-5° C	Brass, stainless steel, plastic	Stainless steel, nylon PA 6.6	Stainless steel
	DN8	8,5	12	48	6,2	28 l/min	10 Bar	70° C	-5° C	Brass, stainless steel, plastic	Stainless steel, nylon PA 6.6	Stainless steel
	DN8	8,5	12,3	48	6,2	28 l/min	10 Bar	90° C	-20° C	Brass	Stainless steel	Stainless steel
	DN10	9,4	13	56	7,5	46 l/min	10 Bar	70° C	-5° C	Brass, copper, stainless steel, plastic	Stainless steel, nylon PA 6.6	Stainless steel
	DN10	9,4	13,7	56	7,5	46 l/min	10 Bar	90° C	-20° C	Brass	Stainless steel	Stainless steel
	DN13	12,5	18	72	10	74 l/min	10 Bar	70° C	-5° C	Brass, copper, stainless steel, plastic	Stainless steel, nylon PA 6.6	Stainless steel
	DN13	12,5	17,8	72	10	74 l/min	10 Bar	90° C	-20° C	Brass	Stainless steel	Stainless steel
	DN15	15	20	80	12,5	83 l/min	10 Bar	110° C	-5° C	Brass, copper, stainless steel, galvanised steel	Stainless steel, galvanised steel	Stainless steel
	DN15	15	19,8	80	12,5	83 l/min	10 Bar	90° C	-20° C	Brass	Stainless steel	Stainless steel
	DN18	19	26	104	15,5	200 l/min	10 Bar	110° C	-5° C	Brass, copper, stainless steel, galvanised steel	Stainless steel, galvanised steel	Stainless steel, aluminium
	DN18	19	25,7	104	15,5	200 l/min	10 Bar	90° C	-20° C	Brass	Stainless steel	Stainless steel
	DN25	25,5	33	132	21	280 l/min	10 Bar	110° C	-5° C	Brass, copper, stainless steel, galvanised steel	Stainless steel, galvanised steel	Stainless steel, aluminium
	DN25	25,5	32,8	132	21	280 l/min	10 Bar	90° C	-20° C	Brass	Stainless steel	Stainless steel
	DN32	32	42	168	27	490 l/min	6 Bar	110° C	-5° C	Brass, stainless steel, galvanised steel	Stainless steel, galvanised steel	Stainless steel, aluminium
	DN32	32	41,6	168	27	490 l/min	6 Bar	90° C	-20° C	Brass	Stainless steel	Stainless steel
	DN40	40	53	212	32	800 l/min	6 Bar	110° C	-5° C	Brass, stainless steel, galvanised steel	Stainless steel, galvanised steel	Aluminium
	DN50	50	65	275	41	1300 l/min	6 Bar	110° C	-5° C	Brass, stainless steel, galvanised steel	Stainless steel, galvanised steel	Aluminium

FLOW RATE CHARTS

Flow capacity diagram on hoses with straight fittings, length 1400 mm.



HOSE DIMENSIONS	POS	Kv	Flow l/min con ΔP 3 bar
DN 6	1	0,55	16
DN 8	2	0,97	28
DN 10	3	1,59	46
DN 13	4	2,56	74



HOSE DIMENSIONS	POS	Kv	Flow l/min con ΔP 3 bar
DN 15	1	2,9	83
DN 18	2	6,6	200
DN 25	3	9,8	280
DN 30	4	17	490
DN 40	5	28	800
DN 50	6	45	1300

FITTINGS



MATERIALS

CW617N AND CW614N

The end connectors are produced in brass CW617N and CW614N with low lead content in compliance to the recent rules UNI EN12165 and UNI EN12164.

CW625N, CW626N, CW724R, CW511L

Which differs from the commonly used brass, since it prevents the brass from dezincification caused by the loss of zinc and the consequent redeposit of copper.

CW724R, CW511L, CW510L

With the main target to constantly improve the hygienic quality of the product and to improve the pureness of the materials, Luxor is engaged to use for particular markets brass Ecobass type with zero percentage of lead.

ACCIAIO INOX AISI304

Where high resistance to oxidation and good resistance to mechanical stress is required, the fittings are produced in stainless steel AISI304.

DEOXIDATED PHOSPHOR COOPER

Cu-DHP quality with chemical composition: Cu 99,9% min, whose mechanical qualities, dimensions and tolerances are in compliance to the EN1057 rule and its connected regulations.

STEEL AVP

For particular requirements are also available end connectors in steel AVP.



SEALING GASKETS AND O-RINGS

The water tightness of the end connectors is guaranteed by the use of gaskets and o-rings in EPDM and NBR, materials with high ozone free properties, which preserve their tightening features and mechanical resistance throughout times. The compounds used, thanks to the excellent hygienic properties, are fit for drinking water adduction, and have been approved by the most rigorous Certification Institutes of the hydrosanitary field.

The mechanical, physical and hygienic qualities of the gaskets and o-rings are constantly tested with specific laboratory tests both carried out internally or externally to verify their conformity to the rules requirements.



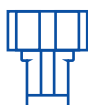
THE CHALLENGE

Though the percentage of lead within the brass alloys for the fittings are low and guaranteed by the European regulation, the new challenge that producers of plumbing material are facing is the total exclusion of lead from the manufactured products.



PROCESSINGS

The fittings, based on the specific markets demands or on product certification requirement, undergo further manufacturing processes such as: normalization (to stress relieve the material and reduce the surface hardness and avoid the occurring of production cracks).









































CLAMPING FERRULES






The clamping ferrules of the end connectors are in stainless steel AISI 304 (from DN6 to DN50) and in aluminium (from DN15 to DN50), materials firm and safe, which differing from brass, are not subjects to breakage given by stress corrosion.





TYPE OF FITTINGS


Luxor's main target is that to satisfy the customer during the development process of the new products and give new technical solutions.

Inliner Range	Nominal Diameter				
<div> <div></div> Silicone <div></div> EPDM <div></div> Thermoplastic <div></div> PEX </div>	DN6	Short male M 8x1 - 18 mm M 10x1 - 18 mm M 11x1 - 20 mm 	Medium male M 8x1 - 44 mm M 10x1 - 44 mm 	Long male M 8x1 - 74 mm M 10x1 - 74 mm 	Smooth Pipe ø 10 mm 
		Safety end Pipe ø 8 mm ø 10 mm 	Female without gasket G 1/4 - G 3/8 - G 1/8 G 1/2 - M 10x1 M 15x1 M 12x1 - 9/16 - 24 unef 	Collar G 1/2 	Male G 1/8 G 3/8 G 1/2 
		Swivel Male M 12x1 M 15x1 G 3/8 	Female with gasket G 3/8 - G 1/2 M 10x1 - M 15x1 9/16 - 24 unef 		
Inliner Range	Nominal Diameter				
<div> <div></div> Silicone <div></div> EPDM <div></div> Thermoplastic <div></div> Butyl </div>	DN8	Short male M 10x1 - 18 mm M 11x1 - 19 mm M 12x1 - 19 mm 	Medium male M 10x1 - 46 mm M 12x1 - 43 mm 	Long male M 10x1 - 74 mm M 12x1 - 75 mm 	Smooth Pipe ø 10 mm ø 15 mm 
		Safety end Pipe ø 10 mm 	Male G 1/4 G 3/8 G 1/2 G 3/4 	Female without gasket G 1/4 - G 3/8 - G 1/2 G 3/4 - M 15x1 	Elbow Female without gasket G 1/4 - G 3/8 G 1/2 - G 3/4 
		Compressor Fitting ø 10 mm ø 12 mm ø 14 mm ø 15 mm 	Swivel Male M 15x1 G 3/8 G 1/2 	Collar G 1/2 	Female with o-ring G 3/8 
		Elbow Female with o-ring G 3/8 	Female with gasket G 3/8 - G 1/2 G 3/4 - 1/2 NPSM 9/16 - 24 unef 	Elbow Female with gasket G 3/8 - G 1/2 G 3/4 	Extended Male G 3/8 - 26 mm G 1/2 - 28 mm 
		Push-Fit Fitting ø 8 			

Inliner Range	Nominal Diameter						
<div><div></div> EPDM</div> <div><div></div> Thermoplastic</div> <div><div></div> Butyl</div>	DN10	<div>Short male M 12x1 - 16 mm</div> <div></div>	<div>Male G 1/4 G 3/8 G 1/2</div> <div></div>	<div>Female without gasket G 3/8 G 1/2 G 3/4</div> <div></div>	<div>Elbow Female without gasket G 3/8 G 1/2 G 3/4</div> <div></div>		
		<div>Compressor Fitting ø 10 mm ø 12 mm ø 14 mm ø 15 mm</div> <div></div>	<div>Wings Female with or without o-ring G 1/2</div> <div></div>	<div>Swivel Male G 3/8 G 1/2</div> <div></div>	<div>Brass Push-Fit ø 12</div> <div></div>		
		<div>Female with gasket G 3/8 - G 1/2 G 3/4</div> <div></div>	<div>Elbow Female with gasket G 1/2 - G 3/4</div> <div></div>	<div>Extended Male G 3/8 - 26 mm G 1/2 - 28 mm</div> <div></div>			

Inliner Range	Nominal Diameter								
<div><div></div> Silicone</div> <div><div></div> EPDM</div> <div><div></div> Thermoplastic</div> <div><div></div> Butyl</div>	DN13	Male G 3/8 G 1/2 G 3/4		Female without gasket G 3/8 G 1/2 G 3/4		Elbow Female without gasket G 1/2 G 3/4 G 1"		Smooth Pipe ø 15 mm	
		Safety end Pipe ø 15 mm		Compressor Fitting ø 12 mm ø 15 mm		Brass Push-Fit ø 12		Female with gasket G 1/2 - G 3/4	
		Elbow Female with gasket G 1/2 - G 3/4		Extended Male G 1/2 - 28 mm					

Inliner Range	Nominal Diameter								
<div><div></div> EPDM</div> <div><div></div> Butyl</div>	DN15	Male G 1/2 G 3/4		Female G 1/2 G 3/4		Elbow Female G 1/2 G 3/4		Smooth Pipe ø 15 mm	

Inliner Range	Nominal Diameter								
<div><div></div> Silicone</div> <div><div></div> EPDM</div> <div><div></div> Butyl</div>	DN18	Male G 3/4 G 1"		Female G 3/4 G 1"		Elbow Female G 3/4 G 1"		Smooth Pipe ø 22 mm	

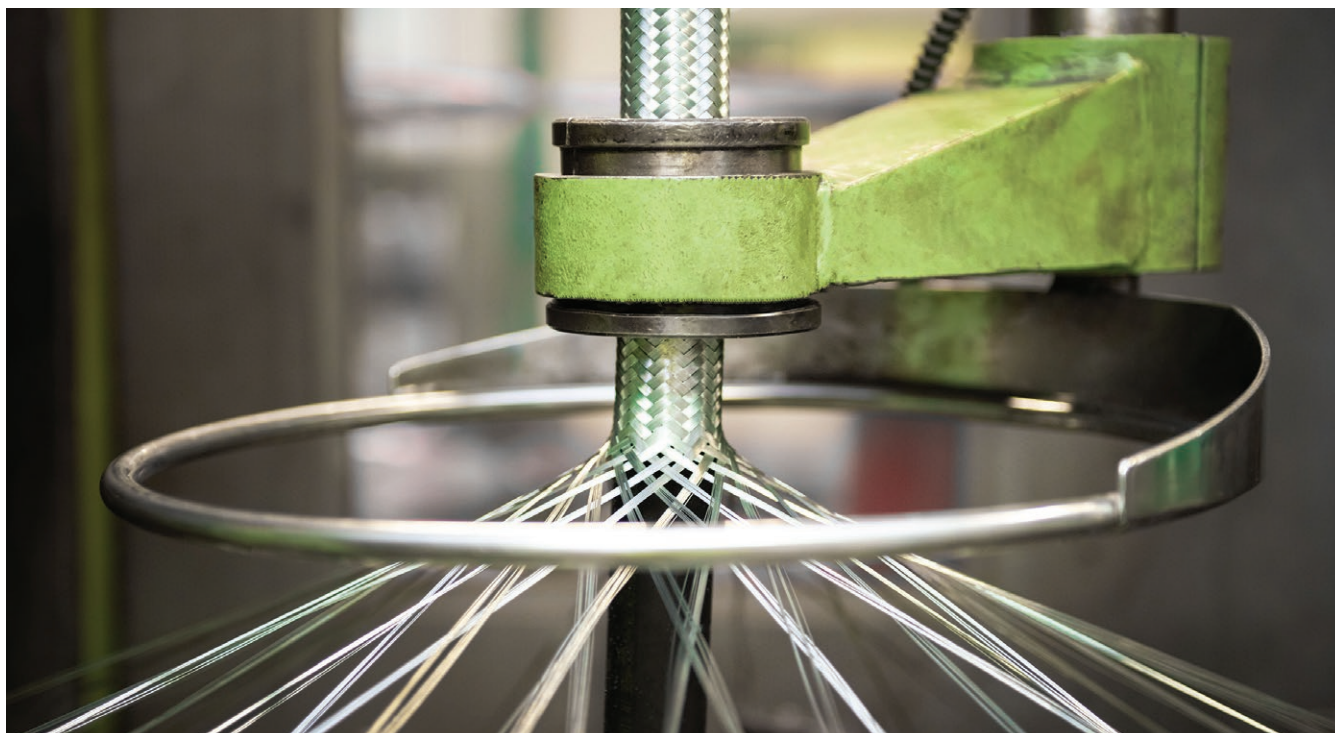
Inliner Range	Nominal Diameter								
<div><div></div> Silicone</div> <div><div></div> EPDM</div> <div><div></div> Butyl</div>	DN25	Male G 1"		Female G 1" G 1" 1/4 G 1" 1/2		Elbow Female G 1"		Smooth Pipe ø 28 mm	

Inliner Range	Nominal Diameter						
<div><div></div> Silicone</div> <div><div></div> EPDM</div> <div><div></div> Butyl</div>	DN32	Male G 1" 1/4		Female G 1" 1/4		Elbow Female G 1" 1/4	

Inliner Range	Nominal Diameter		
<div> EPDM</div>	DN40	Male G 1" 1/2	Female G 1" 1/2

Inliner Range	Nominal Diameter		
 EPDM	DN50	Male G 2"	Female G 2"

BRAIDING



MATERIALS

STAINLESS STEEL THREADS AISI 304

The external reinforcing braiding is made using stainless steel threads AISI 304 \varnothing 0,20 mm, \varnothing 0,22 mm, galvanized steel threads \varnothing 0,30 mm and Nylon threads PA 6.6 \varnothing 0,25 mm and \varnothing 0,30 mm. These threads, joined to become plaits are assembled so to cover completely the inner pipe giving to the flexible hose the faculty to sustain the normal working pressure and the possible overpressure which can occur during an ordinary performance of the hydraulic system.

STEEL THREADS

Steel threads have a minimum \varnothing 0,20 mm, a higher dimension of the one normally employed by other producers, so to guarantee a safe and reliable top quality product. Thanks to this excellent covering material, Luxor's flexible hoses have successfully passed the most severe mechanical tests of European and International Certification Institutes of the hydrosanitary field.

NYLON THREADS

The Nylon PA 6.6 threads also assure excellent resistance and good mechanical qualities thanks to the elasticity of material and the good performance at high and low temperature. Flexible hoses with braiding in Nylon PA 6.6 have found a large market in the kitchen mixers with pull-out showers for example, due to their good performance and their resistance to the wear and tear due to the friction rub and to the low noise produced during the normal daily use.






































































BRAIDING




























































The braiding percentage of covering can change in accordance to the specific product requests and to the customer's requirements, going from a 97% cover until 80%.

The 97% braiding covers perfectly the inner pipe making the flexible hose mechanically more resistant to the strains and giving a better aesthetic exterior.

The thread dimension, the quality of the material and the covering percentage of the braiding distinguish Luxor's hoses, products with a high quality profile, from those of other producers.














































APPROVALS


























































Nominal Diameter						
DN6		Nation: Italy  Certification: DM 174 Inliner Range:    		Nation: Australia  Certification: WATERMARK Inliner Range:    		Nation: Denmark  Certification: VA Inliner Range:  
		Nation: France  Certification: QB Inliner Range:    		Nation: Germany  Certification: DVGW Inliner Range:    		Nation: Norway  Certification: SINTEF Inliner Range:    
		Nation: Holland  Certification: KIWA Inliner Range:    		Nation: Switzerland  Certification: SVGW Inliner Range:   		Nation: Sweden  Certification: RISE Inliner Range:    
		Nation: USA  Certification: NSF - IAPMO Inliner Range:    (NSF - IAPMO)  (NSF)		Nation: UE  Certification: EN 13618 Inliner Range:    		Nation: UK  Certification: WRAS Inliner Range:    

Nominal Diameter						
DN8		Nation: Italy  Certification: DM 174 Inliner Range:   		Nation: Australia  Certification: WATERMARK Inliner Range:   		Nation: Denmark  Certification: VA Inliner Range:  
		Nation: France  Certification: QB Inliner Range:   		Nation: Germany  Certification: DVGW - TÜV Inliner Range:  (DVGW - TÜV)  (DVGW)		Nation: Norway  Certification: SINTEF Inliner Range:  
		Nation: Holland  Certification: KIWA Inliner Range:   		Nation: Switzerland  Certification: SVGW Inliner Range:   		Nation: Sweden  Certification: RISE Inliner Range:   
		Nation: USA  Certification: NSF - IAPMO Inliner Range:   		Nation: UE  Certification: EN 13618 Inliner Range:    		Nation: UK  Certification: WRAS Inliner Range:    

 Silicone
  EPDM
  Thermoplastic
  PEX




Please contact our offices for information about technical specifications and certified products or visit the website of the corresponding certification body for the latter. Please refer to www.nsf.org for a complete list of NSF approved products. Please refer to www.iapmo.org for a complete list of UPC/cUPC approved products.
















Nominal Diameter						
DN10	<div> TF-01-K09413</div> <div>Nation: Italy</div> <div>Certification: DM 174</div> <div>Inliner Range: </div>	<div></div> <div>Nation: Australia</div> <div>Certification: WATERMARK</div> <div>Inliner Range: </div>	<div></div> <div>Nation: Denmark</div> <div>Certification: VA</div> <div>Inliner Range: </div>			
	<div></div> <div>Nation: France</div> <div>Certification: QB</div> <div>Inliner Range: </div>	<div></div> <div>Nation: Germany</div> <div>Certification: DVGW - TÜV</div> <div>Inliner Range:  (TÜV)  (DVGW)</div>	<div></div> <div>Nation: Norway</div> <div>Certification: SINTEF</div> <div>Inliner Range: </div>			
	<div></div> <div>Nation: Holland</div> <div>Certification: KIWA</div> <div>Inliner Range: </div>	<div></div> <div>Nation: Switzerland</div> <div>Certification: SVGW</div> <div>Inliner Range: </div>	<div></div> <div>Nation: Sweden</div> <div>Certification: RISE</div> <div>Inliner Range: </div>			
	<div></div> <div>Nation: USA</div> <div>Certification: NSF - IAPMO</div> <div>Inliner Range: </div>	<div></div> <div>Nation: UE</div> <div>Certification: EN 13618</div> <div>Inliner Range: </div>	<div></div> <div>Nation: UK</div> <div>Certification: WRAS</div> <div>Inliner Range: </div>			












Nominal Diameter						
DN13	<div> IP-01-KDN13</div> <div>Nation: Italy</div> <div>Certification: DM 174</div> <div>Inliner Range: </div>	<div></div> <div>Nation: Australia</div> <div>Certification: WATERMARK</div> <div>Inliner Range: </div>	<div></div> <div>Nation: Denmark</div> <div>Certification: VA</div> <div>Inliner Range: </div>			
	<div></div> <div>Nation: France</div> <div>Certification: QB</div> <div>Inliner Range: </div>	<div></div> <div>Nation: Germany</div> <div>Certification: DVGW - TÜV</div> <div>Inliner Range:  (DVGW - TÜV)  (TÜV)  (DVGW)</div>	<div></div> <div>Nation: Norway</div> <div>Certification: SINTEF</div> <div>Inliner Range: </div>			
	<div></div> <div>Nation: Holland</div> <div>Certification: KIWA</div> <div>Inliner Range: </div>	<div></div> <div>Nation: Switzerland</div> <div>Certification: SVGW</div> <div>Inliner Range: </div>	<div></div> <div>Nation: Sweden</div> <div>Certification: RISE</div> <div>Inliner Range: </div>			
	<div></div> <div>Nation: USA</div> <div>Certification: NSF - IAPMO</div> <div>Inliner Range: </div>	<div></div> <div>Nation: UE</div> <div>Certification: EN 13618</div> <div>Inliner Range: </div>	<div></div> <div>Nation: UK</div> <div>Certification: WRAS</div> <div>Inliner Range: </div>			





 Silicone
  EPDM
  Thermoplastic
  PEX







Please contact our offices for information about technical specifications and certified products or visit the website of the corresponding certification body for the latter. Please refer to www.nsf.org for a complete list of NSF approved products. Please refer to www.iapmo.org for a complete list of UPC/cUPC approved products.







Nominal Diameter			
DN15	<div><div></div><div><div>Nation: France</div><div>Certification: QB</div><div>Inliner Range:</div></div></div>	<div><div></div><div><div>Nation: Germany</div><div>Certification: TÜV</div><div>Inliner Range:</div></div></div>	<div><div></div><div><div>Nation: UE</div><div>Certification: EN 13618</div><div>Inliner Range:</div></div></div>

Nominal Diameter	
DN18	<div><div></div><div><div>Nation: France</div><div></div></div><div><div>Certification: QB</div></div><div><div>Inliner Range:</div><div></div></div></div>
	<div><div></div><div><div>Nation: UK</div><div></div></div><div><div>Certification: WRAS</div></div><div><div>Inliner Range:</div><div></div></div></div>
	<div><div></div><div><div>Nation: Germany</div><div></div></div><div><div>Certification: DVGW - TÜV</div></div><div><div>Inliner Range:</div><div><div> (DVGW - TÜV)</div><div> (TÜV)</div></div></div></div>
	<div><div></div><div><div>Nation: UE</div><div></div></div><div><div>Certification: EN 13618</div></div><div><div>Inliner Range:</div><div><div></div></div></div></div>

Nominal Diameter	
DN25	<div><div></div><div><div>Nation: France</div><div></div></div><div><div>Certification: QB</div></div><div><div>Inliner Range:</div><div></div></div></div>
	<div><div><div></div><div></div></div><div><div>Nation: Germany</div><div></div></div><div><div>Certification: DVGW - TÜV</div></div><div><div>Inliner Range:</div><div><div> (DVGW - TÜV)</div><div> (TÜV)</div></div></div></div>
	<div><div><div>EN 13618</div></div><div><div>Nation: UE</div><div></div></div><div><div>Certification: EN 13618</div></div><div><div>Inliner Range:</div><div><div></div><div></div></div></div></div>

Nominal Diameter	
DN32	
	<div><div>Nation: France</div><div>Certification: QB</div><div>Inliner Range: </div></div>
	<div><div></div><div>Nation: Germany</div><div>Certification: DVGW - TÜV</div><div>Inliner Range:  (DVGW - TÜV)  (TÜV)</div></div>

Nominal Diameter	
DN40	<div><div></div><div>Nation: France</div><div>Certification: QB</div><div>Inliner Range:</div></div>
	<div><div></div><div>Nation: Germany</div><div>Certification: TÜV</div><div>Inliner Range:</div></div>

Nominal Diameter	
DN50	<div><div></div><div>Nation: France </div><div>Certification: QB</div><div>Inliner Range: </div></div>
	<div><div></div><div>Nation: Germany </div><div>Certification: TÜV</div><div>Inliner Range: </div></div>

 Silicone  EPDM

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FLEXY MIX

IDEAL FOR TAPS



This is the ideal solution for connection from the water mains to any type of tap and mixer. The combination of stainless steel braid and EPDM inner pipe allows a flexible, simple and

safe connection. It is a high quality product, in compliance with international requirements of the sector.

TECHNICAL DATA



DN

8



Max temperature

70 °C



Max pressure

10 bar



Flow rate at 3 bar

28 l/min



Min. bending radius

48 mm



Inliner pipe

EPDM



Braiding

INOX AISI 304



Fittings

CW617N

APPLICATIONS



traditional taps



mixers

INLINER PIPE



EPDM

EPDM rubber is the most widespread Inliner pipe material. Available in various compounds, it shows excellent hygienic and mechanical characteristics as well as resistance to oxidation, environmental factors and high temperatures.

TYPE OF FITTINGS

Short Male
M 10x1 - 18 mm



Medium Male
M 10x1 - 46 mm



Female with gasket inserted
G 3/8
G 1/2



Safety end Pipe
Ø 10 mm



Compressor Fitting
G 3/8 Ø 10 mm



APPROVALS

EN 13618
UE



FLEXY MIX PT+

SPECIAL FOR TAPS, SILICONE



The Platinum Cured Silicone inliner gives flexible hoses excellent hygienic properties as well as high resistance pressure and temperature.

The chemical-resistant inner hose protects against additives to the drinking water. It is therefore particularly suitable for environments with strict hygiene requirements such as healthcare facilities.

TECHNICAL DATA



DN

8



Max temperature

70 °C



Max pressure

10 bar



Flow rate at 3 bar

28 l/min



Min. bending radius

48 mm



Inliner pipe

SILICONE



Braiding

INOX AISI 304



Fittings

CW617N

APPLICATIONS



traditional taps



mixers

INLINER PIPE



SILICONE

Silicone, a noble high-quality material, has gained growing recognition on sanitary markets at an international level.

It is the most hygienic material available on the market and guarantees complete purity. Outstanding elasticity and excellent mechanical properties throughout the temperature range exemplify its characteristics.

TYPE OF FITTINGS

Short Male
M 10x1 - 18mm



Medium Male
M 10x1 - 46 mm



Female with gasket inserted
G 3/8
G 1/2



APPROVALS

DM 174
Italy



EN 13618
UE



DVGW
Germany



OMNYFLEX 8

GENERIC APPLICATIONS



The most traditional flexible hose with EPDM inliner. OMNYFLEX 8 is suitable for different applications.

TECHNICAL DATA



DN

8



Max temperature

70 °C



Max pressure

10 bar



Flow rate at 3 bar

28 l/min



Min. bending radius
48 mm



Inliner pipe
EPDM



Braiding
INOX AISI 304



Fittings
CW617N

APPLICATIONS



flushing tanks



boilers



generic installations

INLINER PIPE



EPDM

EPDM rubber is the most widespread inliner material. Available in various compounds, it shows excellent hygienic and mechanical characteristics as well as resistance to oxidation, environmental factors and high temperatures.

TYPE OF FITTINGS

Male
G 3/8
G 1/2



Extended Male
G 3/8 - 26 mm
G 1/2 - 28 mm



Female with gasket inserted
G 3/8
G 1/2



Compressor Fitting
G 3/8 Ø 10 mm



Swivel Male
G 1/2



Extended Male with sliding wall cover
G 3/8 - 26 mm
G 1/2 - 28 mm



APPROVALS

EN 13618
UE



OMNYFLEX PT+

SILICONE APPLICATIONS



The most traditional and versatile tube with silicone interior, suitable for different applications. The platinum silicone inner tube also guarantees the highest quality standards, making

king OMNYFLEX PT+ the ideal solution for installations in environments with strict hygiene requirements.

TECHNICAL DATA



DN

8



Max temperature

70 °C



Max pressure

10 bar



Flow rate at 3 bar

28 l/min



Min. bending
radius
48 mm



Inliner pipe

SILICONE



Braiding

INOX AISI
304



Fittings

CW617N

APPLICATIONS



flushing tanks



boilers



generic installations

INLINER PIPE



SILICONE

Silicone, a noble high-quality material, has gained growing recognition on sanitary markets at an international level.

It is the most hygienic material available on the market and guarantees complete purity. Outstanding elasticity and excellent mechanical properties throughout the temperature range exemplify its characteristics.

TYPE OF FITTINGS

Male
G 3/8
G 1/2



Extended male
G 3/8 - 26 mm
G 1/2 - 28 mm



**Female with
gasket inserted**
G 3/8
G 1/2



**Extended Male
with sliding
wall cover**
G 3/8 - 26 mm
G 1/2 - 28 mm



APPROVALS

DM 174
Italy



EN 13618
UE



DVGW
Germany



OMNYFLEX 10

GENERIC APPLICATIONS



It is the ideal solution for connection from the water mains to water heaters and boilers. The larger diameter allows higher flow rates and ensures pressure control.

TECHNICAL DATA



DN

10



Max temperature

70 °C



Max pressure

10 bar



Flow rate at 3 bar

46 l/min



Min. bending radius

56 mm



Inliner pipe

EPDM



Braiding

INOX AISI 304



Fittings

CW617N

APPLICATIONS



water heaters



boilers



generic installations

INLINER PIPE



EPDM

EPDM rubber is the most widespread inliner material. Available in various compounds, it shows excellent hygienic and mechanical characteristics as well as resistance to oxidation, environmental factors and high temperatures.

TYPE OF FITTINGS

Male

G 3/8
G 1/2



Extended Male

G 3/8 - 26 mm
G 1/2 - 28 mm



Female with gasket inserted

G 3/8
G 1/2



Compressor Fitting

G 3/8 Ø 10 mm



Swivel Male

G 1/2



Extended Male with sliding wall cover

G 3/8 - 26 mm
G 1/2 - 28 mm



APPROVALS

EN 13618

UE



W-FLEX

SHOWER CABINS AND WHIRPOOLS



Equipped with stainless steel external braid, brass fittings and stainless steel sockets, they are mainly used for the connection between the water network and equipped shower

walls or whirlpool tubs. Ideal for installation by the installer thanks to the supplied Swivel Male.

TECHNICAL DATA



DN
8
10



Max temperature
70 °C



Max pressure
10 bar



Flow rate at 3 bar
28 l/min
46 l/min



Min. bending
radius
48 mm
56 mm



Inliner pipe
EPDM



Braiding
INOX AISI
304



Fittings
CW617N

APPLICATIONS



shower cabins



whirlpools

INLINER PIPE



EPDM

EPDM rubber is the most widespread inliner material. Available in various compounds, it shows excellent hygienic and mechanical characteristics as well as resistance to oxidation, environmental factors and high temperatures.

TYPE OF FITTINGS

Swivel Male
G 1/2



Female with gasket inserted
G 1/2



Elbow Female with gasket inserted
G 1/2



APPROVALS

EN 13618
UE



SHOWER FLEX

FLEXIBLE SHOWER FLEX



The ideal PVC hose for every shower, aesthetically perfect and with a swivel ring for ease of use.

TECHNICAL DATA



DN
10



Max temperature
60 °C



Max pressure
5 bar



Flow rate at 3 bar
46 l/min



Min. bending
radius
56 mm



Inliner pipe
PVC



Braiding
-



Fittings
CW617N

APPLICATIONS



shower cabins

TYPE OF FITTINGS

**Swivel Conical
Female**
G 1/2



**Knurled
Female**
G 1/2



**Conical
Female**
G 1/2



OMNYFLEX 13

GENERIC APPLICATIONS



The traditional and versatile hose with EPDM interior for sanitary applications that require a higher flow rate.

TECHNICAL DATA



DN

13



Max temperature

70 °C



Max pressure

10 bar



Flow rate at 3 bar

74 l/min



Min. bending radius

72 mm



Inliner pipe

EPDM



Braiding

INOX AISI 304



Fittings

CW617N

APPLICATIONS



water heaters



shower cabins



whirlpools



fan coil



generic installations

INLINER PIPE



EPDM

EPDM rubber is the most widespread inliner material. Available in various compounds, it shows excellent hygienic and mechanical characteristics as well as resistance to oxidation, environmental factors and high temperatures.

TYPE OF FITTINGS

Male
G 1/2
G 3/4



Extended Male
G 1/2 - 28 mm



Female with gasket inserted
G 1/2
G 3/4



Elbow Female with gasket inserted
G 1/2
G 3/4



Extended Male with sliding wall cover
G 1/2 - 28 mm



APPROVALS

EN 13618
UE



K-FLEX

IDEAL FOR KITCHEN HAND SHOWER



Ideal for connecting pull-out/pull-down hand showers that can be used for kitchen taps. The standard size is DN8 with nylon braid in grey, black and white.

Brass fittings and stainless steel sockets.

TECHNICAL DATA



DN

8



Max temperature

70 °C



Max pressure

10 bar



Flow rate at 3 bar

28 l/min



Min. bending
radius

48 mm



Inliner pipe

EPDM



Braiding

NYLON PA
6.6



Fittings

CW617N

APPLICATIONS



kitchen pull-out shower

INLINER PIPE



EPDM

EPDM rubber is the most widespread inliner material. Available in various compounds, it shows excellent hygienic and mechanical characteristics as well as resistance to oxidation, environmental factors and high temperatures.

TYPE OF FITTINGS

**Swivel
Male**
M 15x1



**Conical Collar
with dribble-
proof o-ring
and adjustable
balance weight**
G 1/2



APPROVALS

EN 13618
UE



E-FLEX INOX FOR HOUSEHOLD APPLIANCES



Pipe for connection of household appliances in diameters DN8, DN10 and DN13. The external stainless steel braid guarantees durability and resistance to external agents, main-

taining a discrete flexibility as well as a high resistance to pressure and temperature, ideal for hot water. Available with stainless steel braid and socket and brass fittings.

TECHNICAL DATA



DN

8
10
13



Max temperature

70 °C



Max pressure

10 bar



Flow rate at 3 bar

28 l/min
46 l/min
74 l/min



Min. bending
radius

48 mm
56 mm
72 mm



Inliner pipe

EPDM



Braiding

INOX AISI
304



Fittings

CW617N

APPLICATIONS



washing machines



dishwasher

INLINER PIPE



EPDM

EPDM rubber is the most widespread inliner material. Available in various compounds, it shows excellent hygienic and mechanical characteristics as well as resistance to oxidation, environmental factors and high temperatures.

TYPE OF FITTINGS

**Female with
gasket inserted**
G 3/4



**Elbow female
with gasket
inserted**
G 3/4



APPROVALS

EN 13618
UE



E-FLEX WITHOUT BRAIDING



Reinforced PVC hose for cold water, with nylon fittings; available in versions with female/female and female/female curved nylon fittings, always with gasket inserted.

TECHNICAL DATA



DN

10



Max temperature

30 °C



Max pressure

10 bar



Flow rate at 3 bar

46 l/min



Min. bending
radius
60 mm



Inliner pipe

PVC



Braiding

-



Fittings

NYLON PA
6.6

APPLICATIONS



washing machines



dishwasher

TYPE OF FITTINGS

**Female nylon
with gasket
inserted**
G 3/4



**Elbow Female
nylon with
gasket inserted**
G 3/4



ACFZ-S

GALVANIZED STEEL FLEXIBLES



For industrial applications where a high flow rate and a high maximum temperature are required, these large hoses, from

diameter DN15 to DN50, are used.

TECHNICAL DATA

			
DN	Max temperature	Max pressure	Flow rate at 3 bar
15	110 °C	10 bar	83 l/min
18		10 bar	200 l/min
25		10 bar	280 l/min
32		6 bar	490 l/min
40		6 bar	800 l/min
50		6 bar	1300 l/min
			
Min. bending radius	Inliner pipe	Braiding	Fittings
80 mm	EPDM	GALVANIZED STEEL	GALVANIZED STEEL
104 mm			o
132 mm			GALVANIZED CW617N
168 mm			
212 mm			
275 mm			

APPLICATIONS



pumps



mounting columns



heating systems



generic installations

INLINER PIPE



EPDM

EPDM rubber is the most widespread inliner material. Available in various compounds, it shows excellent hygienic and mechanical characteristics as well as resistance to oxidation, environmental factors and high temperatures.

TYPE OF FITTINGS

Male

- G 1/2
- G 3/4
- G 1"
- G 1" 1/4
- G 1" 1/2
- G 2"



Female

- G 1/2
- G 3/4
- G 1"
- G 1" 1/4
- G 1" 1/2
- G 2"



Elbow

- Female
- G 1/2
- G 3/4
- G 1"
- G 1" 1/4



ACFZ-B

BRASS FITTINGS



To meet the needs of more customers, ACFZ-B tubes were created, combining the cost-effectiveness of galvanised steel

el braids with the best features of brass fittings. These hoses are available from DN15 to DN50.

TECHNICAL DATA



DN

15
18
25
32
40
50



Max temperature

110 °C



Max pressure

10 bar
10 bar
10 bar
6 bar
6 bar
6 bar



Flow rate at 3 bar

83 l/min
200 l/min
280 l/min
490 l/min
800 l/min
1300 l/min



Min. bending radius

80 mm
104 mm
132 mm
168 mm
212 mm
275 mm



Inliner pipe

EPDM



Braiding

GALVANIZED
STEEL



Fittings

CW617N

APPLICATIONS



pumps



mounting columns

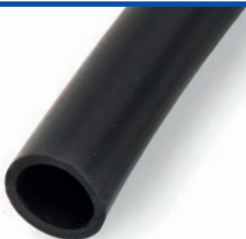


heating systems



generic installations

INLINER PIPE



EPDM

EPDM rubber is the most widespread inliner material. Available in various compounds, it shows excellent hygienic and mechanical characteristics as well as resistance to oxidation, environmental factors and high temperatures.

TYPE OF FITTINGS

Male (Brass fittings)

G 1/2
G 3/4
G 1"
G 1" 1/4
G 1" 1/2
G 2"



Female (Brass fittings)

G 1/2
G 3/4
G 1"
G 1" 1/4
G 1" 1/2
G 2"



Elbow Female (Brass fittings)

G 1/2
G 3/4
G 1"
G 1" 1/4



ACFX STAINLESS STEEL FLEXIBLES



Clad in stainless steel braid with brass fittings, they are suitable for connecting pumps, boilers, autoclaves and upri-

ghts, ideal for industrial applications. They are available from diameter DN15 to DN50.

TECHNICAL DATA



DN

15
18
25
32
40
50



Max temperature

110 °C



Max pressure

10 bar
10 bar
10 bar
6 bar
6 bar
6 bar



Flow rate at 3 bar

83 l/min
200 l/min
280 l/min
490 l/min
800 l/min
1300 l/min



Min. bending radius

80 mm
104 mm
132 mm
168 mm
212 mm
275 mm



Inliner pipe

EPDM



Braiding

INOX AISI 304



Fittings

CW617N

APPLICATIONS



pumps



mounting columns



heating systems



conditioning systems



generic installations

INLINER PIPE



EPDM

EPDM rubber is the most widespread inliner material. Available in various compounds, it shows excellent hygienic and mechanical characteristics as well as resistance to oxidation, environmental factors and high temperatures.

TYPE OF FITTINGS

Male

G 1/2
G 3/4
G 1"
G 1" 1/4
G 1" 1/2
G 2"



Female

G 1/2
G 3/4
G 1"
G 1" 1/4
G 1" 1/2
G 2"



Elbow Female

G 1/2
G 3/4
G 1"
G 1" 1/4



APPROVALS

EN 13618
UE



DN 15-18-25



TÜV
Germany



ACEX EXTENSIBLE HOSES



For the connection between the water network and the wall boilers. Extendable metal hose with stainless steel bellows

available in different sizes to meet the needs of the installer and the manufacturers of wall-hung boilers.

TECHNICAL DATA



DN

15
20
25



Max temperature

90 °C



Max pressure

6
4
4



Flow rate at 3 bar

-



Min. bending
radius
-



Inliner pipe

AISI 316



Braiding

-



Fittings

AISI 303
CW614N

APPLICATIONS



pumps



mounting columns



heating
systems



conditioning
systems



generic
installations

TYPE OF FITTINGS

Male

R 1/2
R 3/4
R 1"



Female

G 1/2
G 3/4
G 1"



