

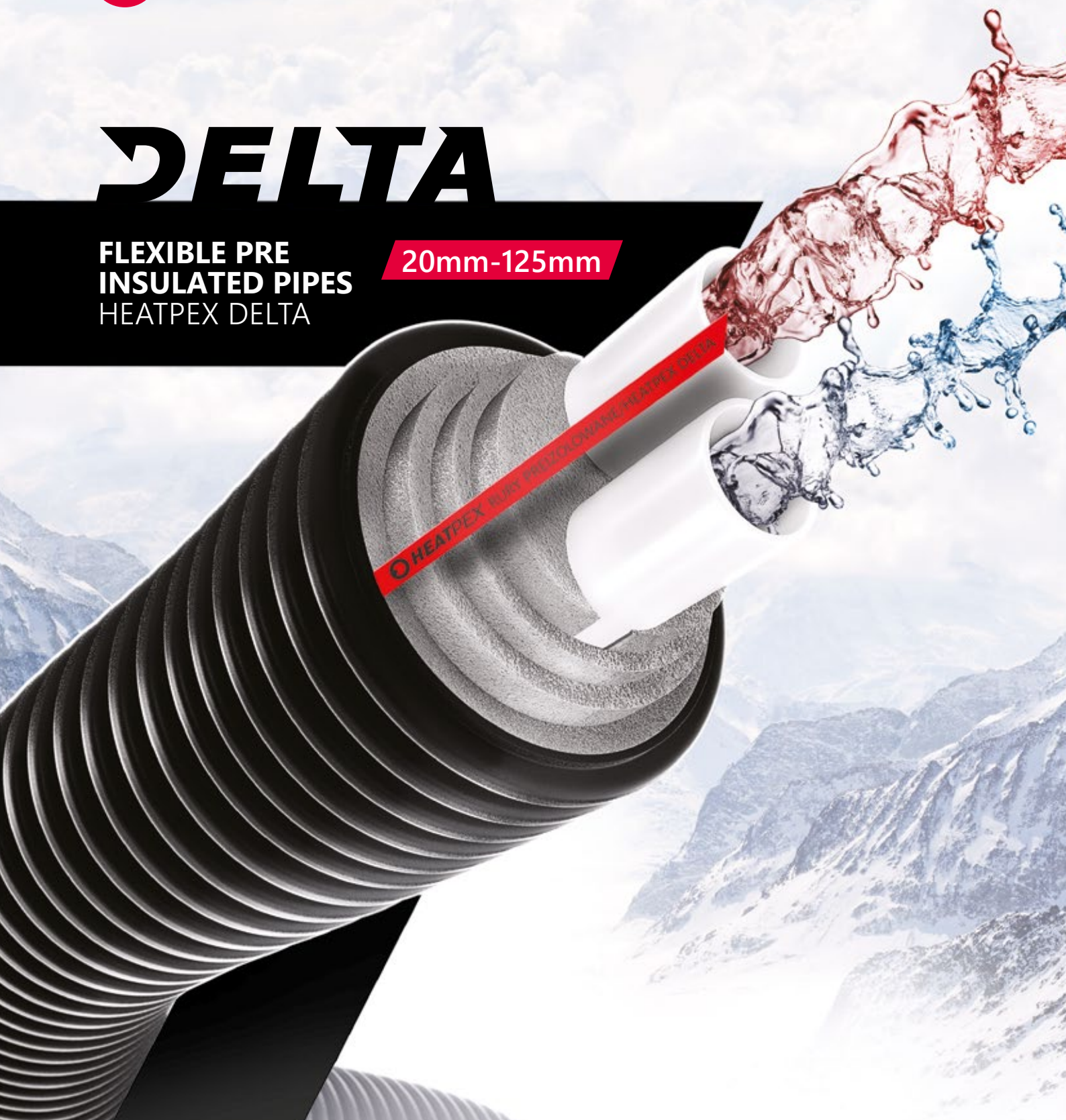


Save energy with us

DELTA

**FLEXIBLE PRE
INSULATED PIPES**
HEATPEX DELTA

20mm-125mm



LOW PRICE



TIME SAVING



ENERGY SAVING

FLEXIBLE PRE INSULATED PIPES HEATPEX DELTA

20mm-125mm





Save energy with us

Heatpex's mission is to ensure the best quality of products and at the same time to offer competitive prices.

Thanks to the advanced technological solutions we can minimize the number of hardware elements needed for a given project.

Time necessary for a task completion is reduced to the minimum.

The main features of our products are as follows:

- **The best quality at the lowest price**
- **The flexible pipes reduce the number of connections**
- **A specially designed insulation to reduce heat losses and assure savings in the whole lifetime**

➤ SYSTEM DESCRIPTION

DELTA pipes provide a safe and efficient solution for the transfer of warm and cold tap water as well as for the heating medium transfer. The pipes are produced in accordance with **PN-EN15632-1 and 3** standards' requirements. The filling with PE foam and the corrugated protective pipe produced from HDPE polyethylene, make the pipes **elastic and resistant to mechanical damage** during the pipe laying and obstacle avoiding process.

The insulating layer with high parameters, made of the chemically cross-linked polyethylene foam, minimizes the heat losses during the heating medium transfer. For this reason it is an environment-friendly solution. **Delta pipes** are equipped with tailored-made solutions in the form of a marker, identifying the type and the pipe's manufacturer. For Delta PE pipes the pipeline heating system is provided, assuring freezing protection or the required temperature maintenance for the medium.

➤ FLEXIBLE PRE-INSULATED PIPE CONSTRUCTION IN ACCORDANCE WITH PN-EN 15632-1 AND 3 STANDARDS

- the carrier pipe is produced from the cross-linked, high density polyethylene, PEX-a type or PE100 polyethylene
- the insulation is made of the elastic PE foam
- the outer protective jacket made of the corrugated HDPE pipe, with the double outer wall, is UV radiation resistant
- the unique solution in the form of the marker enabling the pipeline identification

APPLICATION

⊕ **HEAT DISTRIBUTION NETWORKS**
LOW TEMPERATURE
PN 6/95°C SDR 11

⊕ **GEOHERMAL INSTALLATIONS**
AS THE DISTRIBUTION OF MEDIUM
FOR GROUND COLLECTORS

⊕ **TRANSPORT OF WARM
AND COLD TAP WATER
AND DRINKING WATER**
PN 10/95°C SDR 7.4

⊕ **TECHNOLOGICAL NETWORKS**
IN FOOD AND CHEMICAL
INDUSTRIES

⊕ **REFRIGERATION SYSTEMS**
DISTRIBUTION OF CHILLED WATER
AND GLYCOL SOLUTIONS

⊕ **TRANSIT NETWORKS**
ON BIOGAS INVESTMENTS



VERSATILITY



- **reliable** transport of the warm tap water and the heat transfer medium, the individual cooling networks, the residential house connections, the biogas station media
- temperature **resistance** up to 95°C, allows the pipe application for many variants of the heating systems, with different heat sources
- **available** carrier pipe diameter range of 20-125 mm constitutes a complete system with the capacity adjusted to the needs of every consumer
- the pipes are available in coils, with max length of 100 m, ordering the pipes **in any length**, according to the customer needs, is possible

SAFETY



- the pressures **resistance**, for both PEX-a and PE pipes, provides a sense of security for the whole period of the pipeline operation
- the brass couplings, **dezincification** resistant, are approved with the hygienic certificate for the drinking water transfer
- resistance for the ground pressure and additional load sources on the surcharge level
- outstanding **service life** of the installation is ensured thanks to the best components used in the Delta system production process providing the safety and comfort of the pipeline usage
- a tailor-made solution **in the form of a marker**, in the future, will enable contact with the system producer, in case of the pipeline modification or development need

SAVINGS



- **high flexibility**, minimal radius of bending 0.5 to 1.4 m, the use of additional couplings for the obstacle avoiding during the pipeline laying process is not required
- low thermal conductivity coefficient, allows for notable **savings** during the pipeline operation
- **self-compensation** ability for thermal elongation
- availability of pre-insulated **elbows, joints and tees** for making the necessary connections on the pipeline route enables quick and easy assembling directly in the trench
- reduction of the total cost of assembling as compared to the conventional pre-insulated pipes' application

➤ PEX-A CARRIER PIPE CHARACTERISTICS

Pex-a carrier pipes are produced from the specially selected plastic according to PN-EN ISO 15875 -1,2 and 5 standard requirements. In the process of production the plastic is extruded under high pressure and temperature in the presence of a chemical catalyst.

The crosslinking process according to ISO 10147 standard requirements was also implemented, which results in formation of the inseparable connections in the shape of 3D lattice, so that the pipe behaves as a single molecule. The pipe for the heating medium transfer additionally has an external anti-diffusion layer EVOH, manufactured according to DIN 4726 standard requirements.

PEX-a polyethylene advantages:

- resistance to the temperature range -50°C / + 95°C
- corrosion resistance
- exceptional mechanical resistance
- exceptional chemical resistance
- very high durability
- resistance to incrustation and consequently flow reduction

➤ PE HD 100 CARRIER PIPE CHARACTERISTICS

High density polyethylene (HDPE) is used for the pipe production according to PN-EN 1202-2 standard requirements.

The HDPE pipes are used for the underground and overground installations designed for the transfer of drinking water and water for technical and industrial purposes.

It features high resistance to impact load during the pipe laying process, large working temperature range enabling the performance of works at any time of the year, as well as very high resistance to most of the chemical compounds.

PE 100 polyethylene advantages:

- high pressure resistance for the applications not requiring high temperature usage
- application versatility and low specific gravity
- the real purchase cost for the Investor is lower as compared to other plastic pipes
- low temperature strength
- high plasticity
- recyclable



➤ COUPLINGS FOR DELTA PIPES

The couplings used for the system are produced according to **ISO 15875-5** standard requirements. The material used or the production is **dezincification resistant** brass enabling application of the couplings to the drinking water transfer. Our screw-compression couplings are legibly marked, giving the nominal diameter, the carrier pipe wall thickness and pressure class (**PN6** or **PN10**). The compact design of the couplings reduces the space required for their storage,

➤ ACCESSORIES

A complete set of accessories designed specifically for the Delta system. for the production is **dezincification resistant** brass enabling application of the couplings to the drinking water transfer.

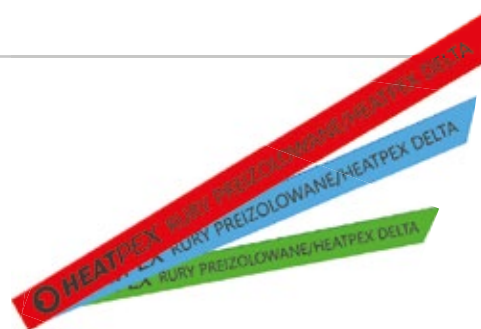
It includes, among other things, insulated connectors (straight, elbow and tee) equipped with reduction rings, as well as systemic rubber end-caps adjusted to the carrier pipes' available diameters. while the innovative design enables simple assembling, without the need of the specialized hydraulic tools' use. The couplings have taper thread as a standard feature complying with ISO 7 requirements.

➤ MARKER

This tailored-made solution for Heatpex Delta system enables proper identification of the pipeline, also after several years, when needed for modernization purposes.

The marker colours are assigned for the particular types of the carrier pipe:

- red: DELTA PEX HEAT UNO and DUO – heating medium transfer
- blue: DELTA PEX SANI UNO and DUO – cold and warm tap water transfer
- green: DELTA PE STANDARD and PRO – water transfer in water supply systems



DELTA PRE-INSULATED PIPES RANGE

➤ DELTA PEX HEAT DUO PN 6/95°C SDR 11 - DOUBLE PIPE

for distribution of heating medium (central heating) with EVOH anti-diffusion barrier

Material: PEX-a/ PE / PE-HD

Designation ØDzr / ØDzo[mm]	Size of the outer carrier pipes ØDz x s [mm]	Catalogue number
2 x 25/125	2 x /25 x 2,3/	70612502500W
2 x 32/125	2 x /32 x 2,9/	70612503200W
2 x 25/160	2 x /25 x 2,3/	70616002500W
2 x 32/160	2 x /32 x 2,9/	70616003200W
2 x 40/160	2 x /40 x 3,7/	70616004000W
2 x 50/200	2 x /50 x 4,6/	70620005000W
2 x 63/200	2 x /63 x 5,8/	70620006300W



Pipe available in coils up to: 100 m


Marketing unit: 1 m

⊙ DELTA PEX SANI DUO PN 10/95°C SDR 7,4 - DOUBLE PIPE

for distribution of cold or warm tap water

Material: PEX-a/ PE / PE-HD

Double pipe

	Designation ØDzr / ØDzo[mm]	Size of the outer carrier pipes ØDz x s [mm]	Catalogue number
	25 + 20/125	25 x 3,5 + 20x2,8	71012502500W
	25 + 25/125	25 x 3,5 + 25x3,5	71012522500W
	32 + 20/125	32 x 4,4 + 20x2,8	71012503200W
	25 + 25/160	25 x 3,5 + 25x3,5	71016022500W
	32 + 25/160	32 x 4,4 + 25x3,5	71016023200W
	40 + 25/160	40 x 5,5 + 25x3,5	71016004000W
	50 + 32/160	50 x 6,9 + 32x4,4	71016503200W
	63 + 32/200	63 x 8,6 + 32x4,4	71020006300W

Different configurations of diameters are also possible for an individual order, e.g. 40+32, 50+40.


Pipe available in coils up to: 100 m Marketing unit: 1 m

⊙ DELTA PEX HEAT UNO PN 6/95°C SDR 11 - SINGLE PIPE

for distribution of heating medium (central heating) with EVOH anti-diffusion barrier

Material: PEX-a/ PE / PE-HD

Single pipe

	Designation ØDzr / ØDzo[mm]	Size of the outer carrier pipes ØDz x s [mm]	Catalogue number
	25/110	25 x 2,3	70611002500W
	32/110	32 x 2,9	70611003200W
	40/110	40 x 3,7	70611004000W
	50/160	50 x 4,6	70616005000W
	63/160	63 x 5,8	70616006300W
	75/160	75 x 6,8	70616007500W
	90/200	90 x 8,2	70620009000W
	110/200	110 x 10,0	70620011000W
	125/200	125 x 11,4	70620012500W


Pipe available in coils up to: 100 m Marketing unit: 1 m

⊙ DELTA PEX SANI UNO PN 10/95°C SDR 7,4 - SINGLE PIPE

for distribution of cold or warm tap water

Material: PEX-a/ PE / PE-HD


Single pipe

	Designation ØDzr / ØDzo[mm]	Size of the outer carrier pipes ØDz x s [mm]	Catalogue number
	25/110	25 x 3,5	71011002500W
	32/110	32 x 4,4	71011003200W
	40/110	40 x 5,5	71011004000W
	50/160	50 x 6,9	71016005000W
	63/160	63 x 8,6	71016006300W
	75/160	75 x 10,3	71016007500W
	90/200	90 x 12,3	71020009000W
	110/200	110 x 15,1	71020011000W

Pipe available in coils up to: 100 m Marketing unit: 1 m

⊙ DELTA PEX HEAT UNO PRO PN 16/10°C SDR 11 SINGLE PIPE WITH HEATING CABLE

for the distribution of medium for industrial and water supply systems with heating cable

	Designation ØDzr / ØDzo[mm]	Size of the outer carrier pipes ØDz x s [mm]	Catalogue number
	25/110	25 x 2,3	71611002500W
	32/110	32 x 2,9	71611003200W
	40/110	40 x 3,7	71611004000W
	50/160	50 x 4,6	71616005000W
	63/160	63 x 5,8	71616006300W
	75/160	75 x 6,8	71616007500W
	90/200	90 x 8,2	71620009000W
	110/200	110 x 10,0	71620011000W
	125/200	125 x 11,4	71620012500W

Pipe available in coils up to: 100 m

Marketing unit: 1 m


Single pipe
⊙

DELTA PE PRE-INSULATED PIPES RANGE

⊙ DELTA PE PN16 SDR 11 - SINGLE PIPE

for water supply and industrial systems

Material: PE100 / PE / PE-HD

	Designation ØDzr / ØDzo[mm]	Size of the outer carrier pipes ØDz x s [mm]	Catalogue number
	25/110	25 x 2,3	72111002500W
	32/110	32 x 3,0	72111003200W
	40/110	40 x 3,7	72111004000W
	50/160	50 x 4,6	72116005000W
	63/160	63 x 5,8	72116006300W
	75/160	75 x 6,8	72116007500W

Pipe available in coils up to: 100 m


Marketing unit: 1 m

Single pipe
⊙

⊙ DELTA PE GEO PN10 SDR17 - SINGLE PIPE

for geothermal systems

Material: PE100 / PE / PE-HD

	Carrier pipe PN10, SDR17 Dz [mm]	Casing [mm]	Catalogue number
	40/63	40 x 2,4	72206304000W
	50/90	50 x 3,0	72209005000W

Pipe available in coils up to: 100 m

Marketing unit: 1 m

Single pipe
⊙


COUPLINGS

Minimise the number of materials needed
thanks to the Delta flexible pipe technology.






☉ HELA H, PN6 TRANSITION COUPLING

	Designation	Pipe diameter øD ₂ x s [mm]	Thread R [inch]	Catalogue number
	H 20 20-6	20 x 2,0	3/4"	60602000100T
	H 25 25-6	25 x 2,3	1"	60602500100T
	H 32 25-6	32 x 2,9	1"	60603200100T
	H 32 25-6S	32 x 2,9	1"	60613200100T
	H 32 32-6	32 x 2,9	1 1/4"	60603211400T
	H 40 32-6	40 x 3,7	1 1/4"	60604011400T
	H 50 32-6	50 x 4,6	1 1/4"	60605011400T
	H 63 50-6	63 x 5,8	2"	60606300200T
	H 75 65-6	75 x 6,8	2 1/2"	60607500200T
	H 90 80-6	90 x 8,2	3"	60609000300T
	H 110 100-6	110 x 10,0	4"	60611000400T
	H 125 100-6	125 x 11,4	4"	60612500500T
	H 160 150-6	160 x 14,6	6"/5" Rp	60612500600T


MARKETING UNIT: 1 pcs

☉ HELA H, PN10 TRANSITION COUPLING

	Designation	Pipe diameter øD ₂ x s [mm]	Thread R [inch]	Catalogue number
	H 20 20-10	20 x 2,8	3/4"	61002000100T
	H 25 20-10	25 x 3,5	3/4"	61002500100T
	H 32 25-10	32 x 4,4	1"	61003200100T
	H 32 25-10S	32 x 4,4	1"	61013200100T
	H 32 32-10	32 x 4,4	1 1/4"	61003211400T
	H 40 32-10	40 x 5,5	1 1/4"	61004011400T
	H 50 32-10	50 x 6,9	1 1/4"	61005011400T
	H 63 50-10	63 x 8,6	2"	61006300200T
	H 75 50-10	75 x 10,3	2"	61007500200T
	H 90 80-10	90 x 12,3	3"	61009000300T
	H 110 100-10	110 x 15,1	4"	61011000400T


MARKETING UNIT: 1 pcs

☉ HELA S, PN6 STRAIGHT COUPLING WITH H-TYPE COMPRESSION COUPLINGS IN A HORIZONTAL RUN

	Designation	Pipe diameter øD ₂ x s [mm]	Catalogue number
	S 25-6	25 x 2,3	62602500100T
	S 32-6	32 x 2,9	62603211400T
	S 40-6	40 x 3,7	62604011400T
	S 50-6	50 x 4,6	62605011400T
	S 63-6	63 x 5,8	62606300200T
	S 75-6	75 x 6,8	62607500200T
	S 90-6	90 x 8,2	62609000300T
	S 110-6	110 x 10,0	62611000400T
	S 125-6	125 x 11,4	62612500500T
	S 160-6	160 x 14,6	62616000600T

MARKETING UNIT: 1 pcs

⊙ HELA L, PN6 TRANSITION COUPLING WITH WELD ENDS


	Designation	Pipe diameter øD _z x s [mm]	Dz/Dw [mm]	Catalogue number
	L 25 26,9 - 6	25 x 2,3	27/20	70602500100T
	L 32 33,7 - 6	32 x 2,9	33/27	70603200100T
	L 40 42,4 - 6	40 x 3,7	42/35	70604200100T
	L 50 48,3 - 6	50 x 4,6	48/39	70604800100T
	L 63 60,3 - 6	63 x 5,8	59/51	70606000100T
	L 75 76,1 - 6	75 x 6,8	76/66	70607600100T
	L 90 88,9 - 6	90 x 8,2	89/79	70608900100T
	L 110 114,3 - 6	110 x 10,0	114/104	70611400100T
	L 125 139,7 - 6	125 x 11,4	114/104	70613900100T
	L 160 168,3-6	160 x 14,6	159/135	70616800100T

MARKETING UNIT: 1 pcs

DZ – Outside diameter of the part to be welded [mm]


DW – Internal diameter of the part to be welded [mm]

⊙ HELA T EQUAL TEE PIECE

	Designation	Female thread Rp [inch]	Catalogue number
	T 20	¾"	61102000100T
	T 25	1"	61102500100T
	T 32	1 ¼"	61103211400T
	T 50	2"	61105000200T
	T 65	2 ½"	61106500300T
	T 80	3"	61108000300T
	T 100	4"	61110000400T
	T 125	5"	61112500500T

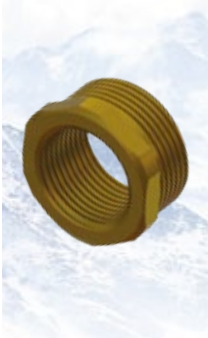
MARKETING UNIT 1 pcs

⊙ HELA V RIGHT ANGLE ELBOW

	Designation	Female thread Rp [inch]	Catalogue number
	V 20	¾"	61202000100T
	V 25	1"	61202500100T
	V 32	1 ¼"	61203211400T
	V 50	2"	61205000200T
	V 65	2 ½"	61206500300T
	V 80	3"	61208000300T
	V 100	4"	61210000400T
	V 125	5"	61212500500T


MARKETING UNIT 1 pcs

⊙ HELA B PIPE BUSHING

	Designation	Male thread R [inch]	Female thread Rp [inch]	Catalogue number
	B 25 20	1"	¾"	61302502000T
	B 32 25	1 ¼"	1"	61303202500T
	B 50 25	2"	1"	61305002500T
	B 50 32	2"	1 ¼"	61305003200T
	B 65 50	2 ½"	2"	61306505000T
	B 80 50	3"	2"	61308005000T
	B 80 65	3"	2 ½"	61308006500T
	B 100 50	4"	2 "	61310005000T
	B 100 80	4"	3"	61310008000T
	B 125 80	5"	3"	61312508000T
	B 125 100	5"	4"	61312510000T


MARKETING UNIT: 1 pcs

⊙ HELA M FEMALE THREAD STRAIGHT COUPLING

	Designation	Female thread Rp [inch]	Catalogue number
	M 20	¾"	61802002000T
	M 25	1"	61802502500T
	M 32	1 ¼"	61803203200T
	M 50	2 "	61805005000T
	M 65	2 ½"	61806506500T
	M 80	3"	61808008000T
	M 100	4"	61810010000T

MARKETING UNIT: 1 pcs


⊙ HELA D MALE THREAD STRAIGHT COUPLING



	Designation	Male thread. R [inch]	Male thread. R [inch]	Catalogue number
	D 20 20	3/4"	3/4"	61402002000T
	D 25 20	1"	3/4"	61402502000T
	D 25 25	1"	1"	61402502500T
	D 32 25	1 1/4"	1"	61403202500T
	D 32 32	1 1/4"	1 1/4"	61403203200T
	D 50 32	2"	1 1/4"	61405003200T
	D 50 50	2"	2"	61405005000T
	D 80 50	3"	2"	61408005000T
	D 80 80	3"	3"	61408008000T
	D 100 80	4"	3"	61410008000T
	D 100 100	4"	4"	61410010000T

MARKETING UNIT: 1 pcs

⊙ HELA P FIXED POINT



	Designation	Male thread. R [inch]	Male thread. R [inch]	Catalogue number
	P 20 20	3/4"	3/4"	80602002000T
	P 25 25	1"	1"	80602502500T
	P 32 32	1 1/4"	1 1/4"	80603203200T
	P 50 50	2"	2"	80605005000T
	P 65 65	2 1/2"	2 1/2"	80606506500T
	P 80 80	3"	3"	80608008000T
	P 100 100	4"	4"	80610010000T

MARKETING UNIT: 1 pcs

for use inside the building as a fixing of the pipeline to the PEX-a carrier pipe

ACCESSORIES




Gain at every stage of the project
thanks to innovative solutions






③ RUBBER END CAP FOR SINGLE PIPES

	Designation	Pex pipe diameter DZ1 [mm]	Casing [mm]	Catalogue number
	ECP 110/1	25	110	70700011000T
		32		
		40		
	ECP 160/1	50	160	70700016000T
		63		
		75		
	ECP 200/1	90	200	70700020000T
		110		
		125		


Prevents water from penetrating the pipe's insulation between the protective jacket and the carrier pipe.

③ RUBBER END CAP FOR DOUBLE PIPES

	Designation	Pex pipe diameter DZ1 [mm]	Pex pipe diameter DZ2 [mm]	Casing [mm]	Catalogue number
	ECD 125/2	20	20	125	70900012500T
		25	25		
		32	32		
	ECD 160/2	20	20	160	70900016000T
		25	25		
		32	32		
	ECD 200/2	40	40	200	70900020000T
		32	32		
		50	50		
		63	63		


Prevents water from penetrating the pipe's insulation between the protective jacket and the carrier pipe.

③ REDUCTION RING

	Designation	Casing pipe outside diameter [mm]	Catalogue number
	PR 110	110	70800011000W
	PR 125	125	70800012500W
	PR 160	160	70800016000W
	PR 200	200	70800020000W


The price is for two reduction rings which are a set for a given diameter of the pipeline. Apart from pre-insulated couplings, a set of reduction rings should be ordered as well: T-pipe (3 sets), elbow (2 sets) and straight coupling (2 sets).

③ WALL FEEDTHROUGH – NON-PRESSURE RESISTANT

	Designation	Casing pipe outside diameter [mm]	Catalogue number
	PL 110	110	71100011000T
	PL 125	125	71100012500T
	PL 160	160	71100016000T
	PL 200	200	71100020000T


MARKETING UNIT: 1 pcs

② PE SLEEVE TO MAKE CONNECTIONS WITHOUT CHANGING THE PIPELINE DIAMETER


	Designation	Casing pipe outside diameter [mm]	Catalogue number
	NPE 110	110	70200011000W
	NPE 125	125	70200012500W
	NPE 160	160	70200016000W
	NPE 200	200	70200020000W

The set consists of 1 rigid protective bushing, insulation mat and 2 heat-shrinkable sleeves.


② HEATPEX DELTA SET FOR T-PIECE INSULATION

	Designation	Pipe outside diameter [mm]	Catalogue number
	TPR 1	110 / 125 / 160 / 200	70300000000W
	Guarantees full insulation and sealing between the passage of the T-piece and the right angle branch. The set contains a two-piece casing, a liquid gasket, connection screws of stainless steel and installation instructions. End-Caps and reduction rings are sold separately.		


② HEATPEX DELTA SET FOR INSULATION OF STRAIGHT CONNECTION

	Designation	Pipe outside diameter [mm]	Catalogue number
	PPR 1	110 / 125 / 160 / 200	70400000000W
	Guarantees full insulation and sealing between the connected elements of the network. The set contains a two-piece casing, a liquid gasket, connection screws of stainless steel and installation instructions. End-Caps and reduction rings are sold separately.		

② HEATPEX DELTA SET FOR INSULATION OF ELBOW CONNECTION

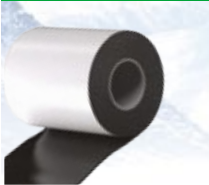
	Designation	Pipe outside diameter [mm]	Catalogue number
	KPR 1	110 / 125 / 160 / 200	70500000000W
	Guarantees full insulation and sealing between the connected elements of the network. The set contains a two-piece casing, a liquid gasket, connection screws of stainless steel and installation instructions. End-Caps and reduction rings are sold separately.		

③ HEATPEX DELTA HEAT-SHRINKABLE SEALING & REPAIR SLEEVE

	Designation	Pipe outside diameter [mm]	Length [mm]	Catalogue number
	RN 120/40	110	60	70511006000W
	RN 140/50	125	60	70512506000W
	RN 180/66	160	60	70516006000W
	RN 235/70	200	60	70520006000W

Used for spot repair of the pipe casing.

③ HEATPEX DELTA HEAT-SHRINKABLE REPAIR TAPE WITH ADHESIVE

	Designation	Tape width [mm]	Roll length [m]	Catalogue number
	TN 50	50	15	70501002000T

MARKETING UNIT: 1 m

Used for spot repair of the damage of the casing pipe.

Sold in running meters.


③ WARNING TAPE

	Designation	Marketing unit [m]	Catalogue number
	T-150	100	92000000000T


MARKETING UNIT: 100 m

The warning tape is to be laid in a trench above the pipeline.

④ ASSEMBLY KIT FOR HEATING SYSTEM

	Designation	Catalogue number
	Assembly kit	70100010000W
	<p>Consists of connection elements to connect the power cable with the self-regulating heating cable.</p>	

④ THERMOSTAT WITH TEMPERATURE SENSOR FOR HEATING SYSTEM

	Designation	Catalogue number
	Thermostat	70100020000W
	<p>Fitted in the system to prevent water in the pipes from freezing. Designed to be fitted on a DIN rail in a distribution box. Included with the thermostat is a wired NTC thermistor with double insulation with 3m long connection wire.</p>	

DELTA

HEAT
PUMP
SET

**ALL-IN-ONE PRE-INSULATED PIPES AND ACCESSORIES SET:
EVERYTHING YOU NEED FOR HEAT PUMPS!**

APPLICATION: **MONO-BLOCK HEAT PUMP CONNECTION**

Ultimate Flexibility for Quick and **Easy Setup**

Perfect for Mono-Block Heat Pump Connections!



HEATPEX offers ready-made DELTA HEAT pump sets, including pre-insulated DELTA HP pipes (in 2×25, 2×32, and 2×40 variants of 5, 10, and 15 meters), HELA couplings, rubber end caps, wall feedthrough and warning tape.

These sets support flexible placement of air-to-water (MONO-BLOCK type) heat pump external units, providing **several benefits**:



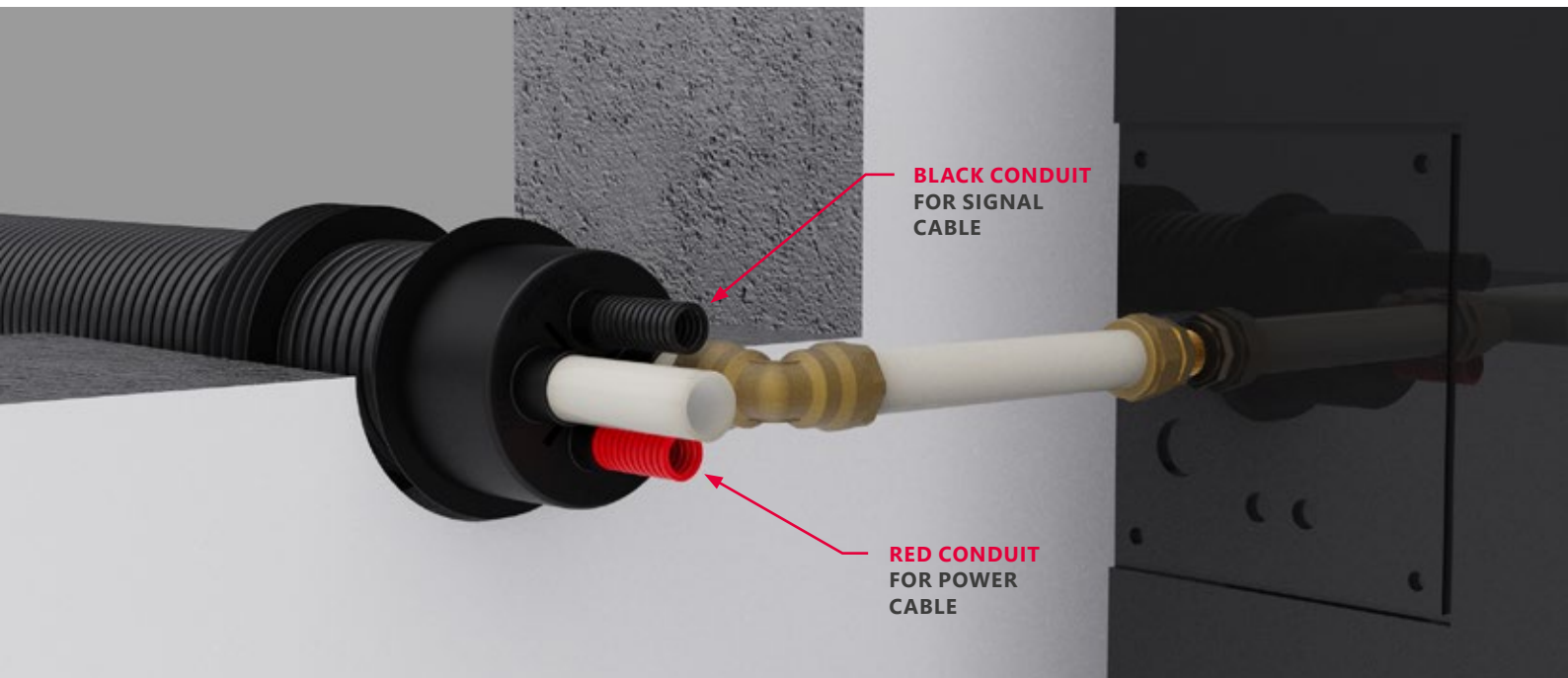
Noise reduction

Placing the unit away from the building reduces noise.



Aesthetics

Improves building facade by relocating the unit.



**BLACK CONDUIT
FOR SIGNAL
CABLE**

**RED CONDUIT
FOR POWER
CABLE**

Your advantages

Integrated solution

Delta HP pipes combine supply water, return water, and electrical power cable conduits, reducing wall openings.

Accessory sets

Complete sets for connecting external heat pumps units.

Flexibility

High flexibility and small bending radius for easy routing, even in challenging terrain

Superior insulation

Optimal conditions for heat pump operation and reduced heat loss.

Damage protection

Durable corrugated casing pipe shields carrier pipes, conduits, and insulation from external damage and weather.

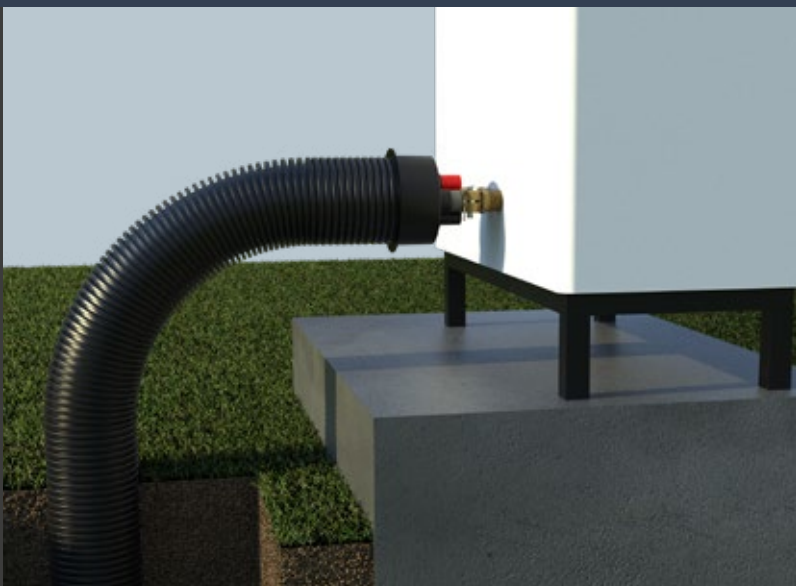
Quality and technology

DELTA HP pipes are developed especially for heat pump applications, as they include all connections in only one pipe i.e. heating pipes and power and sensor cables. They can also be connected to external dwellings and are suitable for many other applications.

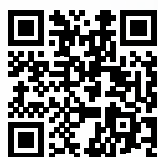
Insulation from flexible, cross linked polyethylene foam, ensuring low heat losses

Corrugated high-density polyethylene (HDPE) casing pipe, resistant to UV radiation, protecting insulation and piping from mechanical damage

PEX-A carrier pipe compliant with EN ISO 15875 -1, -2, -5 standards.



DELTA



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