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CATALOGUE 2026

NEXUS PUSH-FIT™

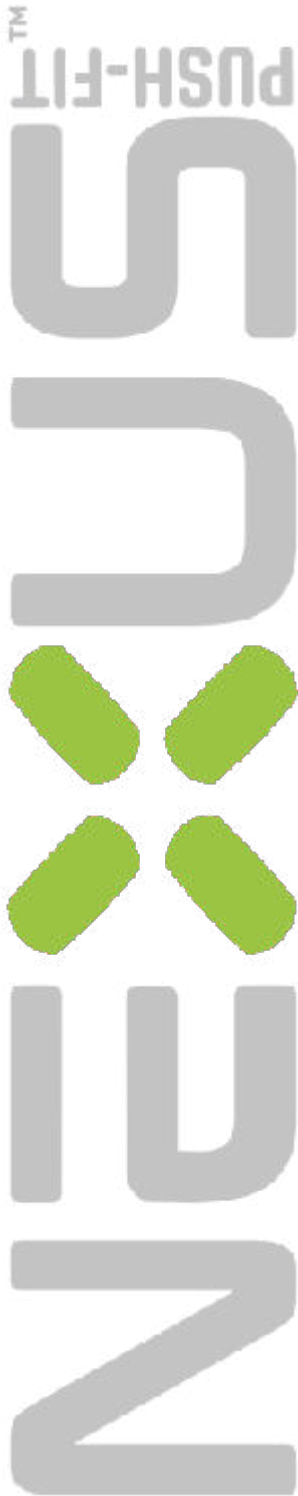
PUSH - FIT SYSTEM

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Nexus is an innovative Push-Fit connection system designed to provide maximum efficiency and safety in plumbing and heating installations. It is compatible with PE-Xa, PE-Xa EVOH 5-layer, PE-Xa UV Black, PE-RT, PE-RT EVOH 5-layer, and multilayer pipes. Its components, made of PPSU (Polyphenylsulfone), ensure exceptional resistance to oxidation and corrosion, as well as to key chemical compounds, cement, plaster, and lime.

Nexus guarantees a quick installation without the need for special tools, offering a secure and leak-tight connection. Its optimized design reduces assembly time and enhances system reliability, providing a versatile solution for both residential and commercial applications.

Advantages of the Nexus system

- **Time and Stock Savings** – Installation up to 70% faster and up to 50% reduction in fittings thanks to its compatibility with multilayer, PE-Xa, and PE-RT pipes.
- **Maximum Resistance** – Withstands temperatures up to 95°C and pressures up to 10 bar, ensuring safe and long-lasting performance.
- **Long Service Life** – Designed to last over 50 years under optimal usage conditions.
- **Lightweight and Compact** – Minimal volume design allows for embedding in various types of partition walls and facilitates transport and installation.
- **Safety and Health** – Certified materials for potable water, free of odor, taste, and toxicity, with AENOR certification according to UNE-EN ISO 15875 (PE-Xa) and UNE-EN ISO 21003 (multilayer) standards.
- **Commitment** - Up to 10 years warranty on the entire system (pipe + fittings)
- **Noise-Free** – PPSU material prevents noise caused by water flow due to its low roughness coefficient, reducing water hammer effects by 2 to 3 times compared to traditional brass or copper systems.

Certified System



*See warranty conditions in the installation guide

Components of the Nexus System

The **Nexus** system is AENOR-certified under UNE-EN ISO 15875 for PE-Xa pipes and UNE-EN ISO 21003 for multilayer pipes. It ensures operation within the specified pressure and temperature parameters and guarantees a minimum durability of 50 years.

Nexus system fittings are made entirely of PPSU and designed for PE-Xa, PE-RT, and multilayer pipes, according to the applications defined in the corresponding standards.

Service conditions according to UNE-EN ISO 21003 / UNE-EN ISO 15875 / UNE-EN ISO 22391

Class and Application	Design Temperature TD	TD Time (years)	Tmax	Tmax Time (years)	Tmal	Tmal Time (hours)
Class 1 Hot water supply (60°C)	60 °C	49	80	1	95	100
Class 2 Hot water supply (70°C)	70 °C	49	80	1	95	100
Class 4 Underfloor heating and low-temperature radiators	20°C followed by 40°C followed by 60°C	2.5 followed by 20 followed by 25	70	2.5	100	100
Class 5 High-temperature radiators	20°C followed by 60°C followed by 80°C	14 followed by 25 followed by 10	90	1	100	100

TD: Design Temperature

Tmax: Maximum Temperature

Tmal: Malfunction Temperature

(*) If these conditions are exceeded, the warranty will be void.

Each country can choose between Class 1 or 2 according to its national regulations.

When multiple design temperatures are listed for a class, the durations must be added together (for example, the 50-year temperature profile for Class 5 is: 14 years at 20°C, followed by 25 years at 60°C, 10 years at 80°C, 1 year at 90°C, and 100 hours at 100°C).

According to UNE-EN ISO 15875, UNE-EN ISO 22391 and UNE-EN ISO 21003, all heating installations must use only water or adequately treated water as the circulating fluid, ensuring compatibility with the piping system.

These standards do not apply to TD, Tmax, and Tmal values higher than those indicated in the table.



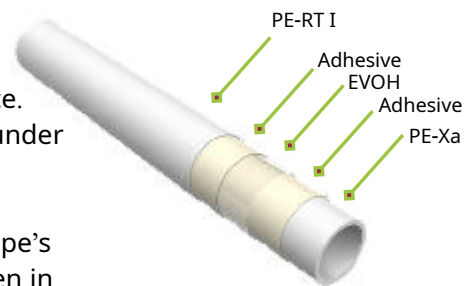
PE-Xa / PE-Xa EVOH pipe

Auray Managing uses premium polyethylene and cutting-edge crosslinking technology to produce high-performance PE-Xa pipes. PE-Xa and PE-Xa EVOH pipes are available in coils and bars, allowing selection based on project requirements. Certified according to UNE-EN ISO 15875.

Main Advantages of PE-Xa Pipes:

- High flexibility.
- Better pressure resistance.
- Shape memory.
- Impact, tensile, scratch, and brittle fracture resistance.
- Long service life, typically exceeding 50 years under normal conditions.
- Excellent resistance to abrasion and chemical effects.
- Safe for use in subzero temperatures, as the pipe's adaptability allows it to expand without breaking, even in extremely cold conditions.
- Lower pressure loss compared to metal pipes, resulting in higher flow rates with the same pipe diameter.
- Ideal for potable water applications.
- Thanks to its polyethylene composition and flexibility, PE-Xa pipes significantly reduce noise transmission. Even at higher water flow speeds (up to 2.5 m/s), they minimize the propagation of sound waves compared to metal pipes.

PE-Xa EVOH - 5 layers



Characteristics of PE-Xa / PE-Xa EVOH

Physical Properties

Density	> 0.951 g/cm ³
Degree of crosslinking	> 70 %
O ₂ permeability at 40 °C	≤ 0.32 g/m ² *d
Roughness	0.007 mm

Thermal Properties

Minimum working temperature	-10 °C
Maximum working temperature	90 °C
Max. malfunction temperature	100 °C
Heat reversal (120 °C, 1 hour)	≤ 3.0 %
Thermal conductivity	0.35-0.38 W / m*K
Specific heat (23 °C)	2.3 KJ/kg*K
Coefficient of linear extension	0.026 mm/m*K

DIMENSIONS

PE-Xa / PE-Xa EVOH - 5 layers pipe

Outer Diameter x Thickness (mm)	Inner Diameter (mm)	Weight (kg/m)	Volume (l/m)
16 x 1.8	12.4	0.076	0.121
16 x 2.0	12	0.084	0.113
20 x 1.9	16.2	0.103	0.206
20 x 2.0	16	0.108	0.201
25 x 2.3	20.4	0.156	0.327
25 x 2.5	20.0	0.168	0.314
32 x 2.9	26.2	0.252	0.539
32 x 3.0	26.0	0.260	0.531

Pressure design to be considered according to application class

Serie	Dimensions (Ø mm x thickness mm)	Class of service
3.5	Ø16x2.0	1/10; 2/10; 4/10; 5/8
4	Ø16x1.8	1/8; 2/8; 4/10; 5/8
4.5	Ø20x2.0 - Ø25x2.5	1/8; 2/6; 4/8; 5/6
5	Ø20x1.9 - Ø25x2.3 - Ø32x2.9 - Ø32x3.0	1/6; 2/6; 4/8; 5/6





PE-Xa UV Black pipe

PE-Xa UV Black is developed using high-density polyethylene (HDPE) through the peroxide method with the I.R. infrared system. The crosslinking process, exceeding 70%, is carried out at a temperature above the polyethylene melting point.

Specifically designed for outdoor applications, its black layer with UV stabilizing additives provides high resistance to degradation caused by solar radiation, ensuring greater durability in outdoor installations. Manufactured in compliance with UNE-EN ISO 15875 standard.

Main Advantages of PE-Xa UV Black:

- Superior outdoor durability thanks to its UV resistance.
- It requires lower maintenance compared to other materials that require additional sun protection.
- Easy installation and flexibility allow for reduced assembly times.
- High performance in hot and cold water applications, without affecting the quality of the water being transported.
- Resistance to corrosion and chemicals, ensuring a long service life.
- Excellent thermal memory.

Characteristics of PE-Xa UV Black

Physical Properties

Density	> 0.950 g/cm ³
Degree of crosslinking	> 70 %
Roughness	0.007 mm

Thermal Properties

Minimum working temperature	-40 °C
Maximum working temperature	95 °C
Max. malfunction temperature	100 °C
Heat reversal (120 °C, 1 hour)	≤ 3.0 %
Thermal conductivity	0.40 W / m*K
Specific heat (23 °C)	2.3 KJ/kg*K
Coefficient of linear extension	0.020 mm/m*K

PE-Xa UV Black Dimensions

Outer Diameter x Thickness (mm)	Inner Diameter (mm)	Weight (kg/m)	Volume (l/m)
16 x 1.8	12.4	0.076	0.121
16 x 2.0	12	0.084	0.113
20 x 1.9	16.2	0.103	0.206
20 x 2.0	16	0.108	0.201
25 x 2.3	20.4	0.156	0.327
25 x 2.5	20	0.168	0.314
32 x 2.9	26.2	0.252	0.539
32 x 3.0	26	0.260	0.531

Pressure design to be considered according to application class

Serie	Dimensions (Ø mm x thickness mm)	Class of service
3.5	Ø16x2.0	1/10; 2/10; 4/10; 5/8
4	Ø16x1.8	1/8; 2/8; 4/10; 5/8
4.5	Ø20x2.0 - Ø25x2.5	1/8; 2/6; 4/8; 5/6
5	Ø20x1.9 - Ø25x2.3 - Ø32x2.9 - Ø32x3.0	1/6; 2/6; 4/8; 5/6





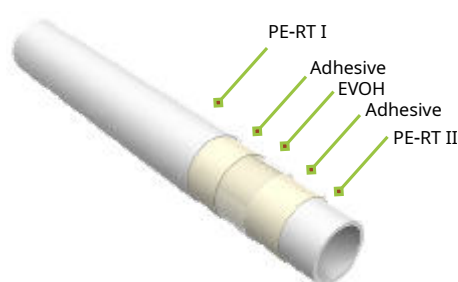
PE-RT / PE-RT EVOH pipe

PE-RT Type II is a polyethylene (PE) resin with a molecular structure specifically designed to incorporate a sufficient number of tie chains, allowing it to operate at elevated temperatures (RT). These tie chains "link" the crystalline structures of the polymer, resulting in enhanced properties such as increased strength and performance at high temperatures, improved chemical resistance, and greater resistance to crack growth. Manufactured and certified according to UNE-EN ISO 22391.

Main Advantages of PE-RT Pipes:

- Optimal hygiene and health conditions for potable water.
- Flexible for easy installation.
- Lightweight and easy to transport.
- Noise and water hammer resistance.
- High-density polyethylene ensures a lifespan of over 50 years.
- No open flame is required for joints, with a wide range of fitting options.
- Recyclable and environmentally friendly material.
- Excellent resistance to abrasion and chemical effects.

PE-RT EVOH - 5 layers



Characteristics of PE-RT / PE-RT EVOH - 5 layers

Physical Properties

Material	High temperature resistant polyethylene
Density	> 0.941 g/cm ³
O ₂ permeability at 40 °C	≤ 0.32 g/m ² *d
Roughness	0.007 mm

Thermal Properties

Minimum working temperature	-10 °C
Maximum working temperature	90 °C
Maximum malfunction temperature	100 °C
Heat reversal (120 °C, 1 hour)	≤ 2.0 %
Thermal conductivity	0.40 W / m*K
Specific heat (23 °C)	1.8 KJ/kg*K
Coefficient of linear extension	0.026 mm/m *K

DIMENSIONS

PE-RT / PE-RT EVOH - 5 layers pipe

Outer Diameter x Thickness (mm)	Inner Diameter (mm)	Weight (kg/m)	Volume (l/m)
16 x 1.8	12.4	0.076	0.121
16 x 2.0	12.0	0.083	0.113
20 x 1.9	16.2	0.102	0.206
20 x 2.0	16.0	0.106	0.201
25 x 2.3	20.4	0.154	0.327
32 x 2.9	26.2	0.249	0.539

Pressure design to be considered according to application class

Serie	Dimensions (Ø mm x thickness mm)	Class of service
3.5	Ø16x2.0	1/8; 2/6; 4/8; 5/6
4	Ø16x1.8	1/8; 2/6; 4/8; 5/6
4.5	Ø20x2.0	1/6; 2/4; 4/6; 5/4
5	Ø20x1.9 - Ø25x2.3 - Ø32x2.9	1/6; 2/4; 4/6; 5/4





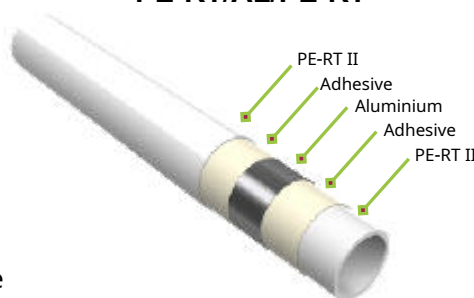
PE-RT/AL/PE-RT - Multilayer pipe

The PE-RT/AL/PE-RT multilayer pipe consists of an aluminium tube that is longitudinally butt-welded, with an inner and outer layer of polyethylene (PE-RT). The different layers are bonded with a high-quality adhesive layer. The result is a multilayer pipe that combines all the advantages of both plastic and metal pipes, significantly enhancing the properties of polyethylene and increasing the pipe's resistance to pressure and temperature variations. Manufactured and certified according to UNE-EN ISO 21003.

Main Advantages of PE-RT/AL/PE-RT:

- Pressure and temperature resistance – It withstands operating temperatures up to 95°C with a maximum allowable pressure of 10 bar.
- Minimal linear expansion – Thanks to the aluminium layer, expansion is significantly reduced.
- Low pressure loss – The smooth inner surface prevents impurities from accumulating, reducing pressure loss.
- Shape retention memory – Once bent, the pipe maintains its desired shape, simplifying and speeding up installation.
- Wear resistance – The inner and outer layers, made of PE-RT, remain unaffected by wear, even at high temperatures or high flow rates.
- Oxygen barrier – The integrated aluminium layer prevents oxygen penetration into the pipe.
- Lightweight and easy to handle – Quick and simple installation, saving both time and money.
- Noise-free operation – Unlike metal pipes, this pipe does not produce disruptive reverberations from water flow, provided the correct diameter is chosen.
- Corrosion resistance – PE-RT remains unaffected by corrosion.
- Impact, tensile, scratch, and brittle fracture resistance.
- Long service life – Expected to exceed 50 years under normal conditions.
- Suitable for various applications – Ideal for concealed, exposed, or underfloor plumbing and heating installations.

PE-RT/AL/PE-RT



Characteristics of PE-RT/AL/PE-RT

Physical Properties

Material	High temperature resistant polyethylene (PE-RT II)
Density	> 0.941 g/cm ³
O ₂ permeability at 40 °C	< 0.0010 g/m ³ *d
Roughness	0.007 mm
Tensile-resistant adhesive layer	≥ 25 N/cm

Thermal Properties

Minimum working temperature	-10 °C
Maximum working temperature	90 °C
Maximum malfunction temperature	100 °C
Heat reversal (120 °C, 1 hour)	≤ 3.0 %
Thermal conductivity	0.43 W / m*K
Oxidation induction time (OIT)	≥ 30 min
Coefficient of thermal expansion	0.025 mm/m*K

DIMENSIONS

PE-RT/AL/PE-RT pipe

Outer Diameter x Thickness (mm)	Inner Diameter (mm)	Weight (kg/m)	Volume (l/m)
16 x 2.0	12.0	0.106	0.113
20 x 2.0	16.0	0.135	0.201
25 x 2.5	20.0	0.214	0.314
32 x 3.0	26.0	0.320	0.531

Pressure design to be considered according to application class

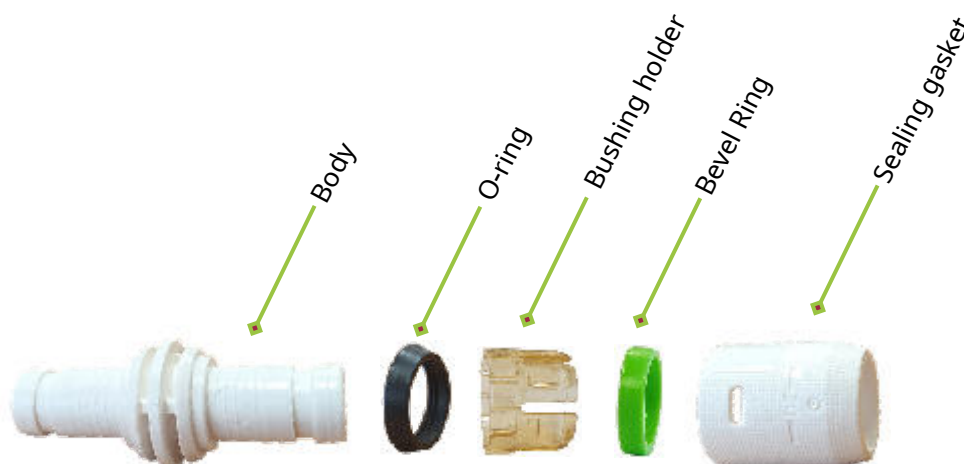
Serie	Dimensions (Ø mm x thickness mm)	Class of service
3.5	Ø16x2.0	1/6; 2/6; 4/6; 5/6
4.5	Ø20x2.0 - Ø25x2.5	1/6; 2/6; 4/6; 5/6
5	Ø32x3.0	1/6; 2/6; 4/6; 5/6



Nexus System Accessories

The **Nexus** system uses polyphenylsulfone **PPSU**) plastic for the fitting bodies and the highest quality European brass **CW617N**) for the threaded connections, complying with the health legislation of the most demanding European Union countries.

Quick-connect fittings available in 16, 20, 25, and 32 mm diameters designed for professionals seeking efficiency and safety in plumbing, radiant heating, heating (high and low temperature), air conditioning, compressed air, and industrial installations.



- Body: **PPSU** - Brass **CW617N**
- O-ring: **EPDM** Peróxide 70
- Bushing holder: **PPSU**
- Bevel ring: **POM** (Polyacetal)
- Sealing gasket: **PPSU**

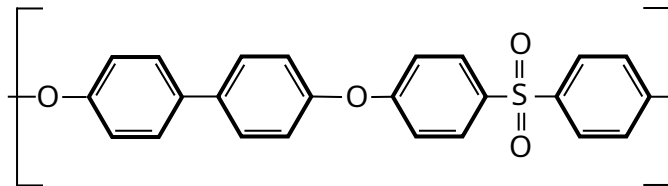
Technical Properties

Maximum temperature	140 °C
Minimum temperature	-40 °C
Maximum pressure at 95 °C	10 Bar
Maximum pressure at 20 °C	100 Bar

Thread: BSP under standard UNE-EN ISO 228-1
Male thread: external anti-curl fastening system.

PPSU

PPSU, sometimes called PPSF, is a high-performance thermoplastic with excellent mechanical, thermal, and chemical characteristics.



- Its low ionic impurities make it suitable for applications where a high level of purity is required.
- It has a high strength-to-weight ratio while maintaining dimensional stability under varying temperature conditions.
- **PPSU** is an amorphous polymer with a low moisture absorption rate and a high glass transition temperature.
- It can withstand continuous exposure to heat and still absorb tremendous impact without cracking or breaking.
- High stiffness over a wide temperature range, high dimensional stability, excellent resistance to high energy radiation (X-rays and gamma rays).
- It is inherently flame retardant and offers exceptional resistance to alkalis and other chemicals.
- **PPSU** polymer is more resistant to sterilisation by superheated steam, detergents and disinfectants than other polymers in its class.

Brass - CW617N

- Brass is an alloy of copper and zinc. The proportions of copper and zinc can vary to create a variety of brasses with different properties.
- The **CW617N** type is the European brass, complying with the UNE-EN ISO 12164 /12165 standard.
- The material is mainly composed of 59 % copper, 39 % zinc, and 2 % lead, finely dispersed in its microstructure.
- It has an excellent combination of hot working and machining properties and is mainly used for the production of more complex hot-pressed components.
- Corrosion resistant and capable of withstanding a pressure of 10 bar, it is ideal for use with potable water.



Composition	Cu	Al	Fe	Ni	Pb	Sn
Brass CW617N	57.0 - 59.0	Max. 0.05	Max. 0.30*	Max. 0.1*	1.6 - 2.2*	Max. 0.30

*Low lead and nickel content in accordance with European Directive 98/83/EC and German Standard DIN 50930.

O-ring (EPDM - Peroxide 70)

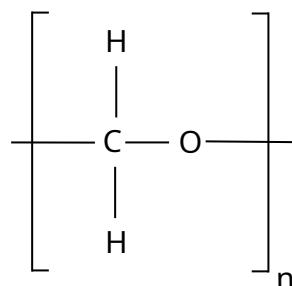
- **EPDM** is a copolymer of ethylene and propylene, and also an ethylene terpolymer.
- Ethylene propylene rubber has excellent resistance to ozone, sunlight and weathering, and has very good low temperature flexibility, good chemical resistance (many dilute acids and alkalis, polar solvents) and good electrical insulation properties.
- Peroxide cured **EPDM** compounds have superior chemical and thermal resistance to sulphur cured compounds.
- Peroxide cured **EPDM** has better heat resistance and lower compression set, with high resistance to prolonged use.
- Peroxide cured **EPDM** can withstand temperatures up to 150 °C.



Property	Value
Hardness	70 Shore A
Density	~1.2 g/cm ³
Tensile strength	≥ 10 MPa
Elongation at break	≥ 250%
Compression set (70h at 150 °C)	≤ 25%
Maximum operating temperature	150 °C

Bevel Ring (POM)

- **POM** plastic (polyoxymethylene acetal) is a semi-crystalline thermoplastic with high mechanical strength and rigidity.



- It has good sliding characteristics and excellent wear resistance, as well as low moisture absorption.
- Excellent dimensional stability and outstanding fatigue strength, as well as easy machinability.
- Increases resistance to stress and compression.

Brass Adapters (CW617N)

- Brass is an alloy of copper and zinc. The proportions of copper and zinc can vary to create a variety of brasses with different properties.
- The **CW617N** type is the European brass, complying with the UNE-EN ISO 12164 /12165 standard.
- The material is mainly composed of 59 % copper, 39 % zinc, and 2 % lead, finely dispersed in its microstructure.
- It has an excellent combination of hot working and machining properties and is mainly used for the production of more complex hot pressed components.
- Corrosion resistant and capable of withstanding a pressure of 10 bar, it is ideal for use with potable water.

	16 - 1/2"
	16 - 3/4"
	20 - 1/2"
	20 - 3/4"
	25 - 3/4"
	25 - 1"
Female Adapter	32 - 1"
	16 - 1/2"
	16 - 3/4"
	20 - 1/2"
	20 - 3/4"
Male Adapter	25 - 3/4"
	25 - 1"
	32 - 1"
	16 - 1/2"
	20 - 3/4"
	25 - 1"
Mobile Nut Adapter	
	16 - 1/4"
	16 - 16
	20 - 20
	25 - 25
	32 - 32
Copper Welded Adapter	
	16 - 16
	20 - 20
	25 - 25
	32 - 32
Pipe Adapter	
	16 - 16
	20 - 20
	25 - 25
	32 - 32
Reduced Coupling Adapter	
	16 - 16
	20 - 20
	25 - 25
	32 - 32
Elbow Adapter	

Manifold / Distributor

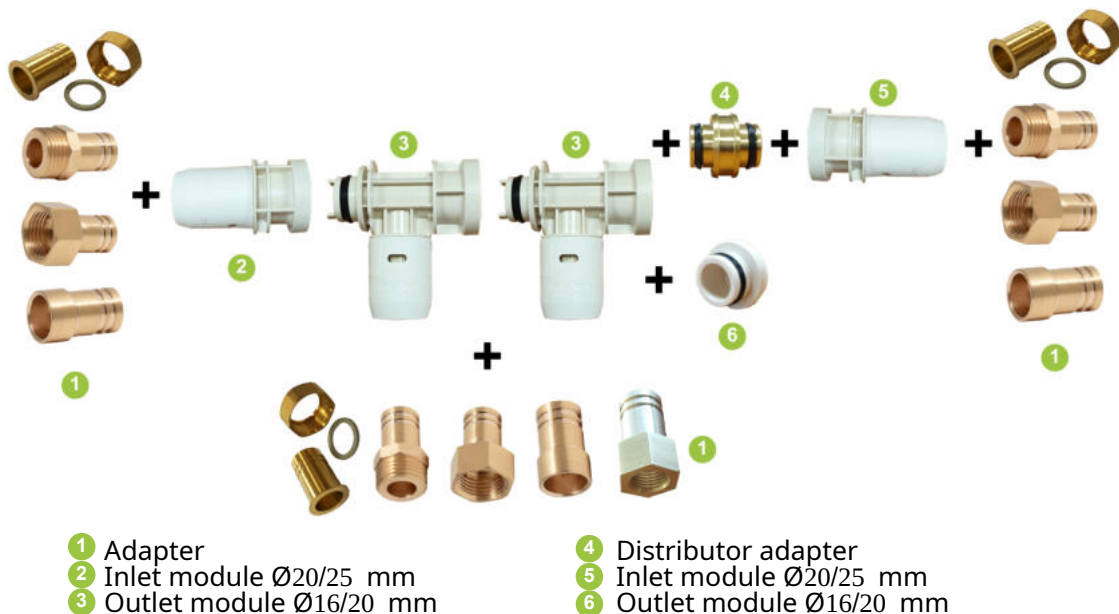
- Manufactured entirely from **PPSU** and 360° adjustable.
- From 2 to 12 outlets.
- Inlet diameters: 20/25 mm.
- Outlet diameters: 16/20 mm.
- Both inlet and outlet diameters, as well as their distribution, can be customized according to customer preferences.
- Option for an end cap or a 20/25 mm outlet, converting it into a distributor.
- Distance between outlets: 48 mm.
- Distance between outlets with an extender: 102 mm.
- Option for a fitting both at the inlet connection and at the various outlets using adapters.



Manifold / Distributor advantages

- Push-Fit **Nexus** Connection System.
- Can be installed on walls or ceilings.
- 360° adjustable.
- Compatible with PE-Xa, multilayer, and PE-RT pipes.
- All inlets and outlets can be fitted with adapters.
- Endless combinations tailored to customer needs.
- Reduces time and stock requirements.
- Minimal space required.
- Corrosion-resistant.
- Lightweight.
- Noise-free.
- Long service life.

Manifold / Distributor components



Product range



PE-Xa		
Reference	Diameter (mm)	Coil (m)
11011618000	16 x 1.8	50/100/200/500/600
11011620000	16 x 2.0	50/100/200/500/600
11012019000	20 x 1.9	50/100/200/500/600
11012020000	20 x 2.0	50/100/200/500/600
11012523000	25 x 2.3	50/100
11012525000	25 x 2.5	50/100
11013229000	32 x 2.9	50/100
11013230000	32 x 3.0	50/100



PE-Xa EVOH - 5 layer		
Reference	Diameter (mm)	Coil (m)
11051618000	16 x 1.8	50/100/200/500/600
11051620000	16 x 2.0	50/100/200/500/600
11052019000	20 x 1.9	50/100/200/500/600
11052020000	20 x 2.0	50/100/200/500/600
11052523000	25 x 2.3	50/100
11052525000	25 x 2.5	50/100
11053229000	32 x 2.9	50/100
11053230000	32 x 3.0	50/100



PE-Xa UV Black		
Reference	Diameter (mm)	Coil (m)
11011618090	16 x 1.8	50/100/200/500/600
11011620090	16 x 2.0	50/100/200/500/600
11012019090	20 x 1.9	50/100/200/500/600
11012020090	20 x 2.0	50/100/200/500/600
11012523090	25 x 2.3	50/100
11012525090	25 x 2.5	50/100
11013229090	32 x 2.9	50/100
11013230090	32 x 3.0	50/100



PE-RT		
Reference	Diameter (mm)	Coil (m)
12011618000	16 x 1.8	50/100/200/500/600
12011620000	16 x 2.0	50/100/200/500/600
12012019000	20 x 1.9	50/100/200/500/600
12012020000	20 x 2.0	50/100/200/500/600
12012523000	25 x 2.3	50/100
12013229000	32 x 2.9	50/100

Other colours and dimensions available on request.

Product range



PE-RT EVOH - 5 layer		
Reference	Diameter (mm)	Coil (m)
12051618000	16 x 1.8	50/100/200/500/600
12051620000	16 x 2.0	50/100/200/500/600
12052019000	20 x 1.9	50/100/200/500/600
12052020000	20 x 2.0	50/100/200/500/600
12052523000	25 x 2.3	50/100
12053229000	32 x 2.9	50/100



PE-RT/AL/PE-RT		
Reference	Diameter (mm)	Coil (m)
13021620010	16 x 2.0	50/100/200/500/600
13022020010	20 x 2.0	50/100/200/500/600
13022525010	25 x 2.5	50/100
13023230010	32 x 3.0	50/100

Other colours and dimensions available on request.



Equal coupling - PPSI			
Reference	Diameter (mm)	Uts./Small box	Uts./Large box
H0270P160016	16-16	30	360
H0270P200020	20-20	20	240
H0270P250025	25-25	12	144
H0270P320032	32-32	6	72



Reduced coupling - PPSI			
Reference	Diameter (mm)	Uts./Small box	Uts./Large box
H0243P200016	20-16	20	240
H0243P250016	25-16	15	180
H0243P250020	25-20	15	180
H0243P320025	32-25	8	96



Reduced coupling - Brass			
Reference	Diameter (mm)	Uts./Small box	Uts./Large box
H0243B320016	32-16	8	96
H0243B320020	32-20	8	96

Product range



90° Elbow - PPSL			
Reference	Diameter (mm)	Uts./Small box	Uts./Large box
H0090P160016	16-16	25	300
H0090P200020	20-20	18	216
H0090P250025	25-25	8	96
H0090P320032	32-32	5	60



Equal tee - PPSL			
Reference	Diameter (mm)	Uts./Small box	Uts./Large box
H0130P161616	16-16-16	12	96
H0130P202020	20-20-20	8	96
H0130P252525	25-25-25	5	60
H0130P323232	32-32-32	3	36

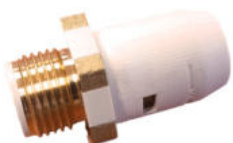


Reducing tee - PPSL			
Reference	Diameter (mm)	Uts./Small box	Uts./Large box
H130RP162016	16-20-16	12	144
H130RP201616	20-16-16	12	144
H130RP201620	20-16-20	10	120
H130RP202016	20-20-16	10	120
H130RP251625	25-16-25	8	96
H130RP252020	25-20-20	6	72
H130RP252025	25-20-25	6	72
H130RP252520	25-25-20	6	72
H130RP322525	32-25-25	4	48



Reducing tee - Bras			
Reference	Diameter (mm)	Uts./Small box	Uts./Large box
H130RB202516	20-25-16	6	72
H130RB202520	20-25-20	6	72
H130RB251616	25-16-16	6	72
H130RB251620	25-16-20	6	72
H130RB252016	25-20-16	6	72
H130RB252516	25-25-16	6	72
H130RB321632	32-16-32	4	48
H130RB322025	32-20-25	4	48
H130RB322032	32-20-32	4	48
H130RB322520	32-25-20	4	48

Product range



Male connector - PPSI			
Reference	Diameter (mm)	Uts./Small box	Uts./Large box
H243GP1600R2	16-1/2"	30	360
H243GP2000R2	20-1/2"	25	300
H243GP2000R3	20-3/4"	20	240
H243GP2500R3	25-3/4"	15	180
H243GP3200R4	32-1"	8	96



Male connector - Bras			
Reference	Diameter (mm)	Uts./Small box	Uts./Large box
H243GB1600R1	16-3/8"	30	360
H243GB1600R2	16-1/2"	30	360
H243GB2000R2	20-1/2"	25	300



Female connector - PPSI			
Reference	Diameter (mm)	Uts./Small box	Uts./Large box
H270GP1600R2	16-1/2"	20	240
H270GP2000R2	20-1/2"	15	180
H270GP2000R3	20-3/4"	15	180
H270GP2500R3	25-3/4"	10	120



Female connector - Bras			
Reference	Diameter (mm)	Uts./Small box	Uts./Large box
H270GB1600R1	16-3/8"	20	240
H270GB1600R2	16-1/2"	20	240
H270GB2000R2	20-1/2"	15	180



Female connector with swivel nut			
Reference	Diameter (mm)	Uts./Small box	Uts./Large box
H359GP1600R2	16-1/2"	20	240
H359GP2000R2	20-1/2"	20	240
H359GP2000R3	20-3/4"	15	180
H359GP2500R3	25-3/4"	12	144
H359GP2500R4	25-1"	8	96
H359GP3200R4	32-1"	6	72

*Includes flat seal

Product range



Male elbow - PPSU			
Reference	Diameter (mm)	Uts./Small box	Uts./Large box
H092GP1600R2	16-1/2"	20	240
H092GP2000R2	20-1/2"	20	240
H092GP2500R3	25-3/4"	10	120



Female elbow - PPSU			
Reference	Diameter (mm)	Uts./Small box	Uts./Large box
H090GP1600R2	16-1/2"	20	240
H090GP2000R2	20-1/2"	20	240
H090GP2000R3	20-3/4"	10	120
H090GP2500R3	25-3/4"	8	96



Female elbow - Brass			
Reference	Diameter (mm)	Uts./Small box	Uts./Large box
H090GB3200R4	32-1"	6	72



Female elbow with fixing base - PPSU			
Reference	Diameter (mm)	Uts./Small box	Uts./Large box
H473GP1600R2	16-1/2"	15	180
H473GP2000R2	20-1/2"	12	144



Female elbow with fixing base - Brass			
Reference	Diameter (mm)	Uts./Small box	Uts./Large box
H473GB2500R3	25-3/4"	10	120



Double U elbow - Brass			
Reference	Diameter (mm)	Uts./Small box	Uts./Large box
H472GB1600R2	16 - 1/2" - 16	4	48
H472GB2000R2	20 - 1/2" - 20	4	48



Female elbow with swivel nut - PPSU			
Reference	Diameter (mm)	Uts./Small box	Uts./Large box
H096GP1600R2	16-1/2"	15	180
H096GP2000R3	20-3/4"	12	144
H096GP2500R4	25-1"	7	84

*Includes flat seal

Product range



Radiator connector - PPSI			
Reference	Diameter (mm)	Uts./Bag	Uts./Large box
H090SP160015	16-15 / 300	1	12
H090LP160015	16-15 / 750	1	12



Female tee - PPSI			
Reference	Diameter (mm)	Uts./Small box	Uts./Large box
H130GP16R216	16-1/2"-16	15	180
H130GP20R220	20-1/2"-20	10	120



Female tee with swivel nut			
Reference	Diameter (mm)	Uts./Small box	Uts./Large box
H133GP16R216	16-1/2"-16	10	120
H133GP16R316	16-3/4"-16	10	120
H133GP20R220	20-1/2"-20	7	84
H133GP20R320	20-3/4"-20	7	84
H133GP25R225	25-1/2"-25	5	60
H133GP25R325	25-3/4"-25	5	60
H133GP25R425	25-1"-25	4	48

*Includes flat seal



Radiator equal tee connector - PPSI			
Reference	Diameter (mm)	Uts./Bag	Uts./Large box
H130SP161516	16-15-16 / 300	1	-
H130SP201516	20-15-16 / 300	1	-
H130SP201520	20-15-20 / 300	1	-
H130SP251525	25-15-25 / 300	1	-
H130LP161516	16-15-16 / 750	1	-
H130LP201516	20-15-16 / 750	1	-
H130LP201520	20-15-20 / 750	1	-
H130LP251525	25-15-25 / 750	1	-



Pipe/Pipe Adapter - Brass			
Reference	Diameter (mm)	Uts./Small box	Uts./Large box
H0270B160016	16-16	30	360
H0270B200020	20-20	20	240
H0270B250025	25-25	12	144
H0270B320032	32-32	6	72

Product range



Reducing adapter – Brass			
Reference	Diameter (mm)	Uts./Small box	Uts./Large box
HA243B250016	25-16	25	300
HA243B250020	25-20	20	240
HA243B320020	32-20	15	180



90° Elbow adapter - Brass			
Reference	Diameter (mm)	Uts./Small box	Uts./Large box
H0090B160016	16-16	25	300
H0090B200020	20-20	18	216
H0090B250025	25-25	8	96
H0090B320032	32-32	5	60



Male adapter – Brass			
Reference	Diameter (mm)	Uts./Small box	Uts./Large box
HA43GB1600R2	16-1/2"	30	360
HA43GB1600R3	16-3/4"	30	360
HA43GB2000R2	20-1/2"	30	360
HA43GB2000R3	20-3/4"	30	360
HA43GB2500R3	25-3/4"	30	360
HA43GB2500R4	25-1"	20	240
HA43GB3200R4	32-1"	20	240



Female adapter - Brass			
Reference	Diameter (mm)	Uts./Small box	Uts./Large box
HA70GB1600R2	16-1/2"	30	360
HA70GB1600R3	16-3/4"	30	360
HA70GB2000R2	20-1/2"	30	360
HA70GB2000R3	20-3/4"	30	360
HA70GB2500R3	25-3/4"	25	300
HA70GB2500R4	25-1"	20	240
HA70GB3200R4	32-1"	15	180



Female adapter with swivel nut - Brass			
Reference	Diameter (mm)	Uds./C. Peq.	Uds./C. Gde.
H359GB1600R2	16-1/2"	30	360
H359GB2000R3	20-3/4"	30	360
H359GB2500R4	25-1"	20	240

Product range



Adapter for copper - Bras:			
Reference	Diameter (mm)	Uts./Small box	Uts./Large box
HA873B160015	16-Cu15	30	360
HA873B160018	16-Cu18	30	360
HA873B200022	20-Cu22	20	240



Pressure gauge adapter - Bras			
Reference	Diameter (mm)	Uds./C. Peq.	Uds./C. Gde.
H270MB1600R8	16-1/4"	30	360



Distributor - PPSL			
Reference	Diameter (mm)	Uts./Bag	Uts./Large box
H496DP251625	25/16-16/ 25	1	-
H6534P252016	25/20-16-16-16/ 25	1	-
H6534P202016	20/20-16-16-16-16/ 20	1	-

*Consult for other arrangements



Manifold - PPSL			
Reference	Diameter (mm)	Uts./Bag	Uts./Large box
H496DP251600	25 / 16 - 16	1	-
H497DP251600	25 / 16 - 16 - 1	1	-
H497DP252016	25 / 20 - 16 - 1	1	-
H498DP251600	25 / 16 - 16 - 16 -	1	-
H499DP251600	25 / 16 - 16 - 16 - 16 -	1	-
H498DP252016	25 / 20 - 16	1	-
H499DP252016	25 / 20 - 16 - 16 -	1	-
H496DP252000	25 / 20 - 16 - 16 - 16 -	1	-
H497DP252000	25 / 20 - 20	1	-
H498DP252000	25 / 20 - 20 - 2	1	-
H499DP252000	25 / 20 - 20 - 20 -	1	-
H497DP201600	25 / 20 - 20 - 20 - 20 -	1	-
H498DP201600	20 / 16 - 16 - 1	1	-
H499DP201600	20 / 16 - 16 - 16 -	1	-
H498DP202000	20 / 16 - 16 - 16 - 16 -	1	-
H496DP252016	20 / 20 - 20 - 20 -	1	-
H498DP202016	20 / 20 - 16 - 16 -	1	-
H497DP202016	20 / 20 - 16 - 1	1	-
H499DP202016	20 / 20 - 16 - 16 - 16 -	1	-
H496DP202016	20 / 20 - 16	1	-
H496DP201600	20 / 16 - 16	1	-
H494DP202000	20 / 20 - 20 - 20 - 20 - 20 -	1	-
H494DP252000	25 / 20 - 20 - 20 - 20 - 20 -	1	-

*Consult for other arrangements

Product range



Surface ball valve - Brass			
Reference	Diameter (mm)	Uts./Small box	Uts./Large box
H728VB160016	16 - 16	6	72
H728VB200020	20 - 20	5	60
H728VB250025	25 - 25	4	48
H728VB320032	32 - 32	3	36



Built-in ball valve - Brass			
Reference	Diameter (mm)	Uts./Small box	Uts./Large box
H727VB160016	16 - 16	6	72
H727VB200020	20 - 20	5	60
H727VB250025	25 - 25	4	48
H727VB320032	32 - 32	3	36



Built-in in U ball valve - Brass			
Reference	Diameter (mm)	Uts./Small box	Uts./Large box
H727UB160016	16 - 16	5	60
H727UB200020	20 - 20	5	60
H727UB250025	25 - 25	3	36



Extension in brass + bol			
Reference	Diameter (mm)	Uts./Small box	Uts./Large box
H727AB000000	-	100	1,200



Ball valve control			
Reference	Diameter (mm)	Uts./Small box	Uts./Large box
H727MB000000	Lever	5	60
H727OB000000	Hidden	10	120
H727PB000000	Knob	10	120



Termination wall set with case - PPSL			
Reference	Diameter (mm)	Uts./Small box	Uts./Large box
H480WPR20000	16-1/2" - 20-1/2"	10	120



Termination wall set with plate - PPSL			
Reference	Diameter (mm)	Uts./Small box	Uts./Large box
H480PPR20000	16-1/2" - 20-1/2"	3	36

Product range



Wall fastening plate			
Reference	Diameter (mm)	Uts./Small box	Uts./Large box
H475FA000000	-	50	600



Wall fastening plate in "U"			
Reference	Diameter (mm)	Uts./Bag	Uts./Large box
H475UA000000	-	1	-



Clamp Kit			
Reference	Description	Uts./Bag	Uts./Large box
H475KA010000	2 short clamps + 1 metal plate	1	-
H475KA020000	2 short clamps + 2 long clamps + 2 metal plates	1	-



PVC plastic cabinet for manifold			
Reference	Diameter (mm)	Uts./Small box	Uts./Large box
U21A23000000	350 x 350 x 90	1	-
U21A24000000	350 x 500 x 90	1	-



Bevel tool			
Reference	Diameter (mm)	Uts./Small box	Uts./Large box
T53071162025	16 - 20 - 25	1	-
T52072320000	32	1	-



Pipe cutter			
Reference	Diameter (mm)	Uts./Small box	Uts./Large box
T52070160032	16 - 20 - 25 - 26 - 32	1	-

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PUSH - FIT SYSTEM



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