

● CONNECT



plumbing. perfectly connected

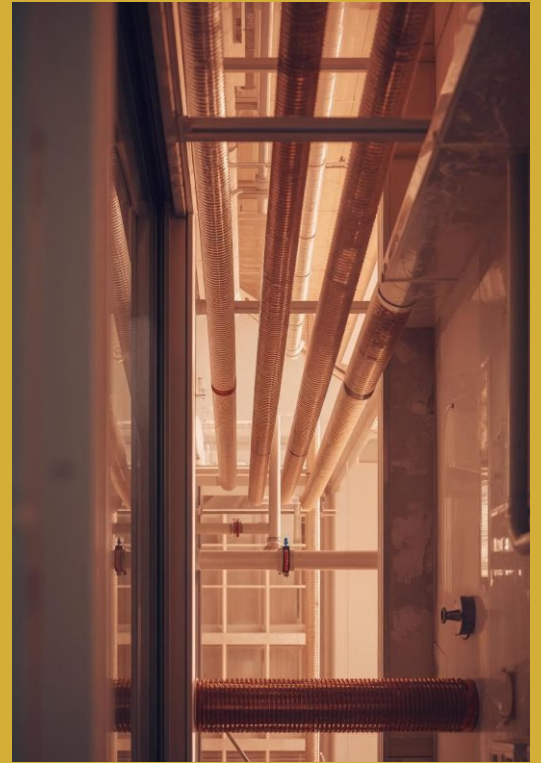
Advanced plumbing products and integrated solutions engineered for modern construction.

about us

Connect Pipes is a premium–affordable plumbing solutions brand delivering advanced piping systems engineered for modern construction needs. Designed to meet the expectations of today's builders, consultants, and plumbing professionals, Connect combines innovation, durability, and cost efficiency in a complete plumbing ecosystem.

Specialising in multi-layer PEX piping systems and precision press fittings, Connect Pipes offers a smarter alternative to conventional rigid plumbing. Our solutions are flexible, corrosion-resistant, and built to perform consistently across residential, commercial, and infrastructure projects.

With products manufactured to comply with globally recognised quality, safety, and environmental standards, Connect Pipes ensures long-term reliability, faster installation, and reduced lifecycle costs. Every Connect solution reflects our commitment to performance, affordability, and future-ready plumbing.



our vision

To be recognised as a leading plumbing solutions provider by combining innovation, quality, and affordability, while proactively expanding our product portfolio to address emerging technologies and industry requirements.

our mission

- To make advanced plumbing systems accessible to the construction industry
- To deliver products that simplify installation and maintenance
- To maintain strict compliance with international quality and safety standards
- To support builders, consultants, and contractors with dependable solutions
- To promote sustainable, efficient, and future-ready plumbing practices

our usp

Advanced Plumbing at a Premium–Affordable Price

Connect Pipes stands at the intersection of performance and value, offering high-quality plumbing solutions without premium cost barriers.

Premium–Affordable Positioning

- Advanced PEX technology priced competitively to reduce total project cost.

Flexible & Modern Plumbing Systems

- Multi-layer PEX pipes enable easier routing, fewer joints, and cleaner installations.

Faster Installation, Lower Labour Cost

- Press fittings and flexible pipes significantly reduce installation time.

Consistent Performance

- Leak-proof joints, stable water pressure, and long service life.

Globally Certified Quality

- Products tested and certified to meet international plumbing standards.

Ideal for Modern Construction

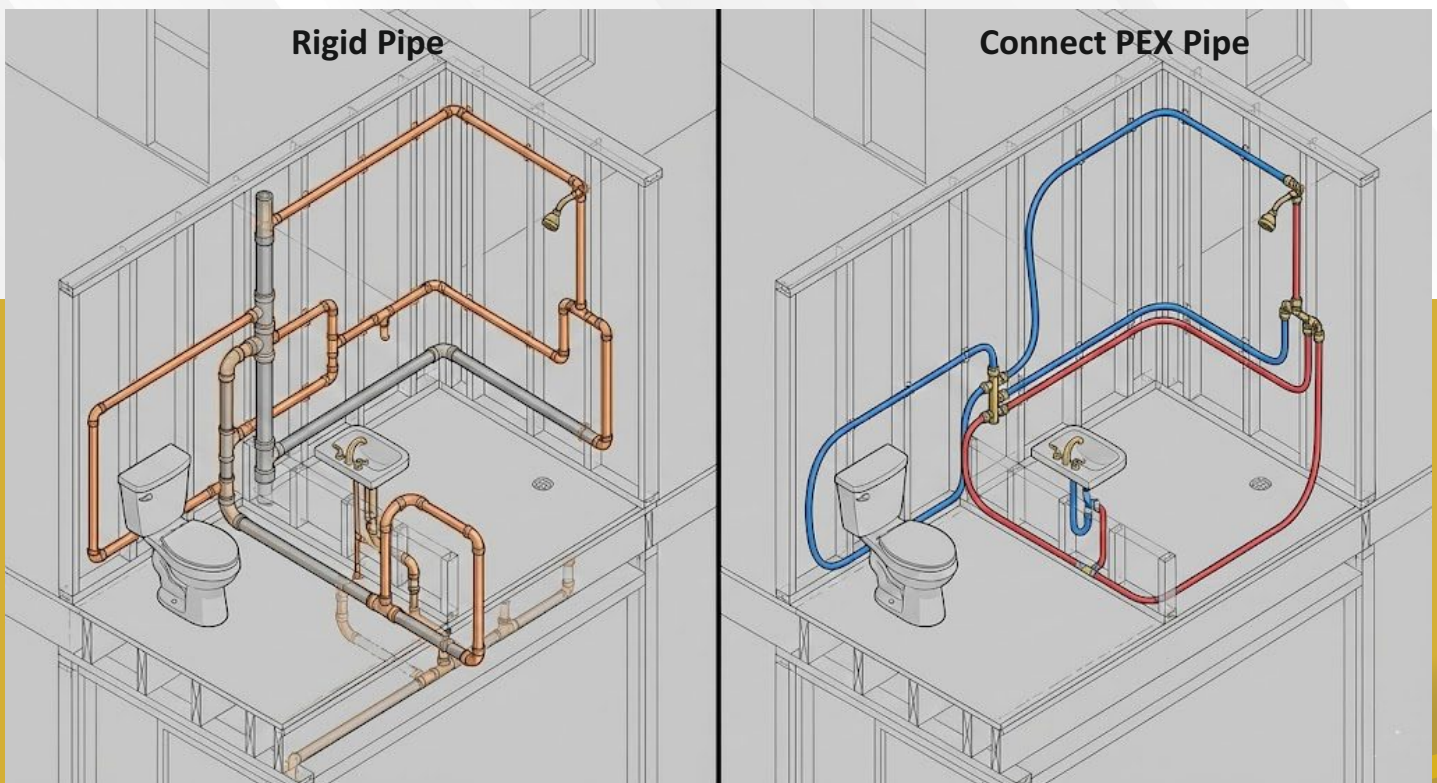
- Suitable for concealed plumbing, compact bathrooms, and high-rise projects.



main applications

Water supply pipes and drinking water pipes in buildings	Hot water supply pipes in buildings
Radiant floor and wall heating, and solar water heater pipes	Gas delivery pipes of LPG, LNG etc.
Cold water delivery pipes for air-conditioners	Compressed air pipes under medium pressure
Special fluid delivery pipes for chemical engineering, petrochemical industry and food industry	Communication, telecommunication, computer, information transfer, power transmission & electrical shielding pipes and electrical insulation pipes
Water and gas supply pipes for ships	

rigid pipe vs connect pex system



Why Choose Connect PEX Over Conventional Rigid Pipes?

- Flexibility:** Easily bends around corners, reducing approx. 40% fewer fittings than CPVC.
- Speed:** Faster installation compared to rigid piping systems.
- Leak Reduction:** Fewer joints mean lower risk of leakage, approx. 60% lesser joints than CPVC.
- Space Efficiency:** Ideal for compact bathrooms and concealed layouts.
- Durability:** Resistant to corrosion, scaling, and chemical reactions.
- Cost Efficiency:** Lower material wastage.

Connect PEX systems are designed to meet the demands of modern construction, where speed, reliability, and long-term performance matter.

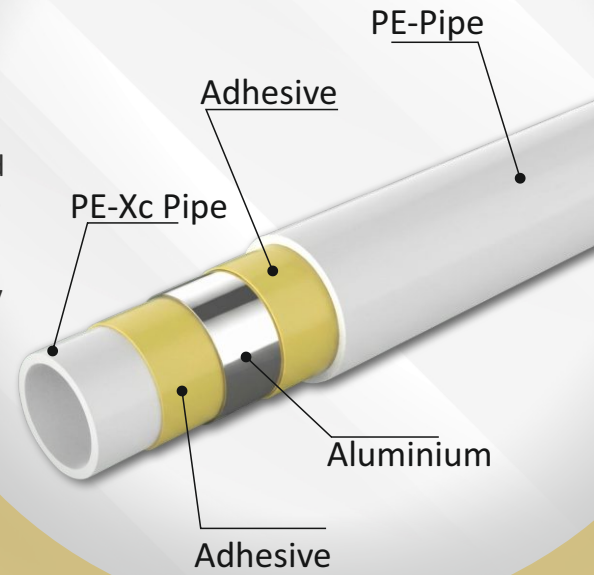
technical specification

Multilayer composite pipe and press-fit fittings system in accordance with ISO 21003 (class 2 and 5) approved by regulatory body WRAS and AENOR. The pipe comprising of an inner layer pipe made of cross-linked polyethylene (PEXb), an outer layer made of PE and a middle layer of welded aluminium. The press-fit fittings should be manufactured from High performance plastic Polyphenylsulphone (PPSU) and High performance BRASS, resistance to high temperatures and corrosion. The press-fit fittings should be manufactured from High performance plastic Polyphenyl sulphone (PPSU) with sleeve in stainless steel PPSU's extremely high notch impact strength and resistance to stress cracking make fittings extremely robust and strong. The O ring in the fitting should be EPDM to resist high temperatures and have high chemical resistance.

PROPERTY	UNIT								
Outer diameter	mm	14	16	20	25	32	40	50	63
Inner diameter	mm	10	12	16	20	26	32	41	51
Thickness of aluminium	mm	0.2	0.21	0.26	0.32	0.36	0.4	0.5	0.5
Total thickness	mm	2	2	2	2.5	3	4	4.5	6
Unit length	m	100	100	100	100	50	50	50	5
Volume of water	l/m	0.08	0.113	0.201	0.314	0.531	0.804	1.32	2.042
Internal roughness	µm	7							
Thermal conductivity of 20°C	W/mk	0.43							
Coefficient of expansion	mm/m °C	0.025							
Oxygen permeability	mg/l	0							
Type		PE-Xb/Al/PE multilayer pipe							
Field of application		Plumbing in civil, industrial and commercial applications							
Colour		Yellow		White			Blue		
Fluid		Gas		Water			Compressed Air		
Max peak temperature	°C	60°		95°			60°		
Minimum operating temperature(*)	°C	-20°		20°			-20°		
Maximum operating pressure at 95°C (60°C for Air & Gas)	bar	5		6			6		
Maximum operating pressure at 20°C	bar	6		10			12		
Maximum constant operating pressure		6 bar at 60°C		6 bar at 70°C			6 bar at 60°C		
Duration at 95°C and 6 bar 95°C		Time duration to be determined by service conditions							
Minimum bend radius		5 times the diameter							

connect pex pipes

Connect PE/AL/PEX multilayer pipes are advanced composite piping solutions engineered for reliable hot and cold water plumbing applications. The pipe structure combines an inner layer of cross-linked polyethylene (PEX-b), a centrally welded aluminium layer, and an outer PE layer, delivering excellent strength, flexibility, and dimensional stability. The aluminium core acts as an oxygen barrier and significantly reduces thermal expansion, while the PEX layers ensure corrosion resistance and smooth water flow. Designed to meet ISO 21003 standards and approved by international bodies such as WRAS and AENOR, Connect PE/AL/PEX pipes offer high temperature and pressure resistance, easy bending with minimal joints, and long-term performance for residential, commercial, and industrial plumbing systems.



Available in
14mm, 16mm, 20mm,
25mm, 32mm, 40mm &
50mm Coil



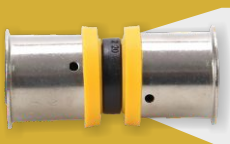
Available in
63mm bar

connect press fittings

Press fittings for PEX pipes offer a modern, efficient solution for secure and leak-resistant plumbing connections. Unlike traditional joining methods, they use a mechanical pressing action to form a tight seal without soldering, threading, or welding, drastically reducing installation time and labour costs. These fittings deliver consistent mechanical integrity, high corrosion resistance, and reliable performance across hot and cold water systems, making them ideal for both residential and commercial projects. Their simplicity and durability help ensure long-lasting, maintenance-friendly plumbing installations that meet the demands of modern construction.

connect coupler

PPSU Coupler



Available in
14mm | 16mm | 20mm
25mm | 32mm

Brass Coupler



Available in
40mm | 50mm | 63mm

connect elbow

PPSU Elbow



Available in
14mm | 16mm | 20mm
25mm | 32mm

Brass Elbow



Available in
40mm | 50mm | 63mm

connect press fittings

connect tee

PPSU Tee - Equal



Available in
14mm | 16mm | 20mm
25mm | 32mm

Brass Tee - Equal



Available in
40mm | 50mm | 63mm

connect reducing tee

PPSU



Available in
16 x 14 x 16
20 x 16 x 20
25 x 20 x 25
32 x 20 x 32
32 x 25 x 32

Brass



Available in
40 x 20 x 40
40 x 25 x 40
40 x 32 x 42
50 x 25 x 50
50 x 32 x 50
50 x 40 x 50
63 x 32 x 63
63 x 40 x 63
63 x 50 x 63

connect threaded adapter

Male



Available in
14 x 1/2"
16 x 1/2"
20 x 1/2"
20 x 3/4"
25 x 3/4"
25 x 1"
32 x 1"
32 x 1 1/4"
40 x 1 1/2"
50 x 2
63 x 2 1/2

Female



Available in
14 x 1/2"
16 x 1/2"
20 x 1/2"
20 x 3/4"
25 x 3/4"
25 x 1"
32 x 1"
32 x 1 1/4"
40 x 1 1/2"
50 x 2
63 x 2 1/2

connect reducing coupler

PPSU



Available in
25 x 20
32 x 25
32 x 20

Brass



Available in
40 x 20
40 x 25
40 x 32
50 x 32
50 x 40
63 x 32
63 x 40
63 x 50

connect end cap



Available in
20mm | 25mm

connect press fittings

connect brass female threaded tee



Available in
14 x 1/2" x 14
16 x 1/2" x 16
20 x 1/2" x 20
25 x 3/4" x 25

connect brass female threaded elbow



Available in
14 x 1/2"
16 x 1/2"
20 x 1/2"
25 x 3/4"
25 x 3/4"
25 x 1"

connect plated female threaded elbow



Available in
14 x 12"
16 x 12"

accessories & others

cutters



Available in
14 - 32mm
40 - 63 mm

gas valves



Available in
1/2' Female
1/2' Male

springs



reamers



quality. certifications & compliance

Connect Pipes products comply with multiple international quality, safety, and environmental standards, reinforcing reliability across global applications:

ISO 9001 – Quality Management System	ISO 14001 – Environmental Management System
CE Certification – European Union	WRAS – United Kingdom
KIWA – United Kingdom	AENOR – Spain
CSTB – France	ACS – France
Watermark – Australia & South Africa	SKZ – Germany
GOST – Russia	JASWIC – South Africa
SNAS – Slovak Republic	BSCI – Social Compliance
These certifications ensure consistent performance, safety, and environmental responsibility.	

contact details

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