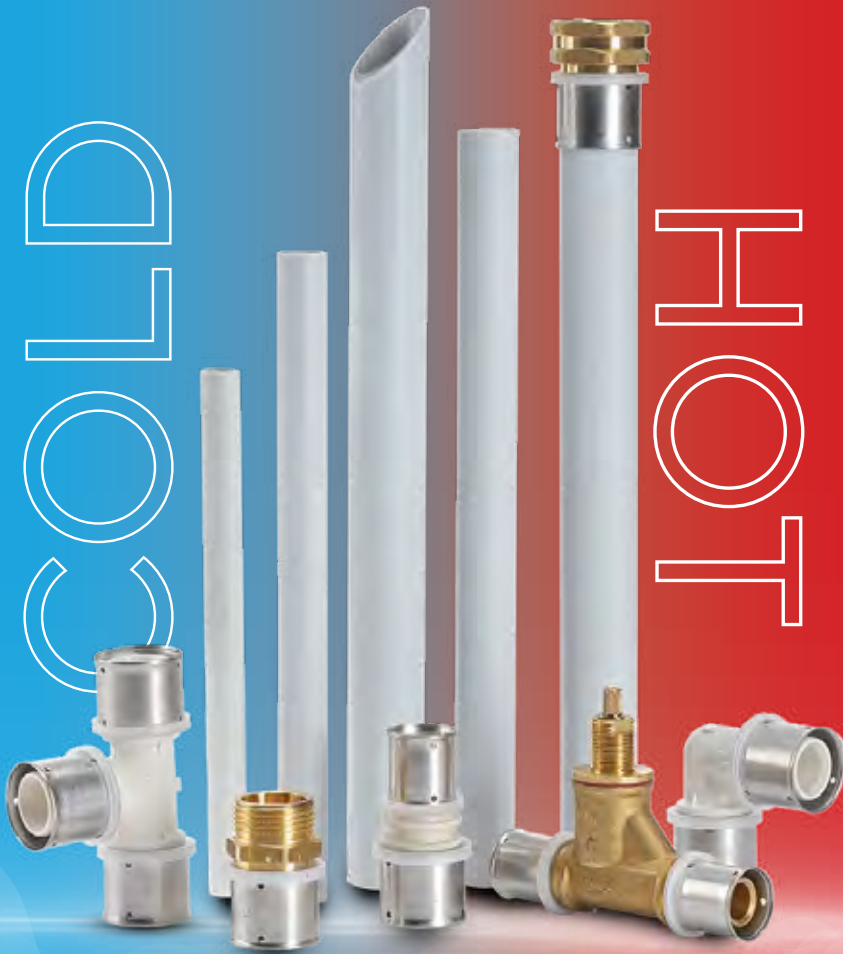


MULTIPEX

PEX-AL-PEX 3 Layer Composite Piping System
For Hot And Cold Water Plumbing Application



ABOUT ASTRAL MULTI PEX PIPING SYSTEM:

Astral's MultiPex pipe represents an advanced multilayer (PEX-AL-PEX) composite piping solution that seamlessly amalgamates the strengths of PEX (Cross-Linked Polyethylene) and aluminum while mitigating inherent drawbacks. Comprising a cross-linked polyethylene inner and outer layer with an aluminum middle layer, this innovative pipe offers enhanced strength, rigidity, and durability. The aluminum layer acts as a robust barrier against oxygen diffusion, preventing corrosion and algae growth, making it suitable for continuous operation at temperatures up to 95°C. The preferred and professional choice for joining this pipe is through the efficient crimping method, using specialized tools and fittings, ensuring a secure, leak-proof connection that meets rigorous industry standards. Overall, Astral's MultiPex pipe, coupled with the crimping process, stands as a reliable, durable, and efficient solution for various applications.

ABOUT MUTIPEX PIPES:

Astral Multipex pipes, crafted through the Silane cross-linking method, are recognized and widely accepted for their quality. This proven manufacturing technique adheres to industry standards, ensuring the reliability and superior performance of the plumbing system.

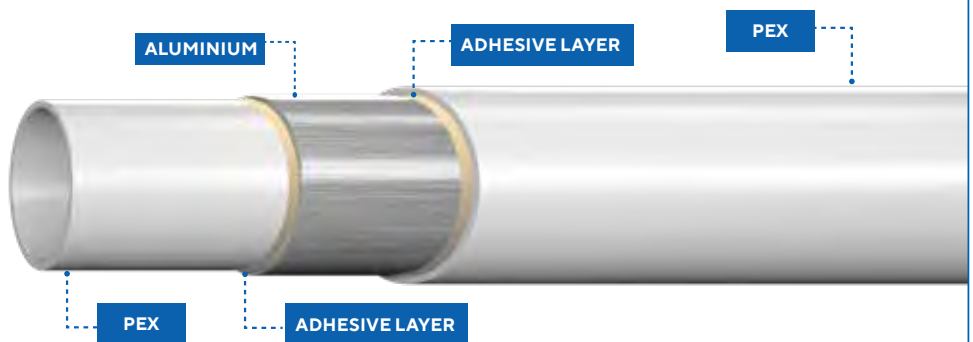
Inner layer of pipe: Cross-linked polyethylene (PEX) for flexibility, heat resistance, and corrosion resistance.

Adhesive layer: For bonding PEX to the aluminum layer.

Aluminum layer: To provide strength, rigidity, and an effective oxygen barrier.

Adhesive layer: For bonding aluminum to the outer PEX layer.

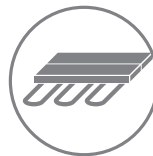
Outer layer of pipe: PEX layer for flexibility and abrasion resistance.



APPLICATIONS:



Radiant heating systems



Underfloor Heating and cooling systems



Plumbing water systems



Industrial applications

KEY FEATURES & BENEFITS:

- Continuous resistance to high temperature up to 95°C
- Frost resistance
- Resistance to high pressures
- Low thermal conductivity
- Absence of condensation
- Lightweight
- Flexibility of Design & Installation
- High bending flexibility
- Non-conductor of electricity
- Low noise
- High corrosion resistance
- High flow rate
- Absence of limescale and other deposits
- Long service life
- Ideal for drinking water
- Better fungi resistance

APPLICABLE STANDARD:

- EN ISO 21003: Multilayer piping systems for hot & cold water installations inside buildings

PIPE SPECIFICATION:

Pipe Size (mm)	Outer Diameter (mm)	Tolerance on OD (mm)	Pipe Thickness (mm)	Pipe (Coils)(m)	Pipes (Straight Length) (m)
16	16	0.2	2.0	100	5
20	20	0.2	2.0	100	4
25	25	0.2	2.5	100	4
32	32	0.2	3.0	50	4

PRESSURE RATING:

- Maximum Operating pressure 10 kg/cm² @ 95 °C

SYSTEM COMPONENTS

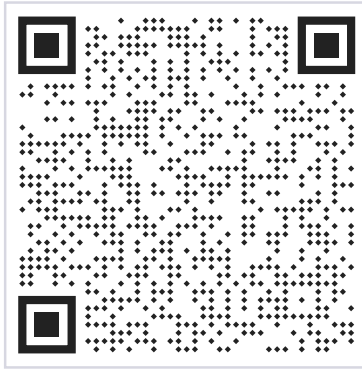
- Pipes
- Crimping type fittings, made from PPSU and high quality brass
- Tools & accessories

UNIQUE CRIMPING JOINING METHOD:

Crimping, a mechanical joining method in plumbing, is widely chosen for its ease, reliability, and affordability in both residential and commercial applications. Using a specialized tool, it compresses a metal ring around the pipe and fitting, ensuring a tight seal that prevents leaks.

BENEFITS OF CRIMPING METHOD:

- Ease Of Use
- Quick & Fast Installation
- Reliable Joints
- Zero Waiting Time



**SCAN THE ABOVE QR-CODE TO EXPLORE ENTIRE RANGE OF
ASTRAL MULTIPLEX**



*A consumer validated
Superbrand in piping
category for
consecutive 3 years*



*India's Most Trusted
Pipe Brand based on
TRA's Brand Trust
Report for the 5th time*

Power of Desire



*India's Most Desired
Brand based on
TRA's Brand Trust
Report 2022*



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Please get in touch with us between 10 AM to 6 PM
between Monday to Friday and the last Saturday of the month.
We will remain closed on Public Holidays.

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REV: 04/2024
SC: PR07000095