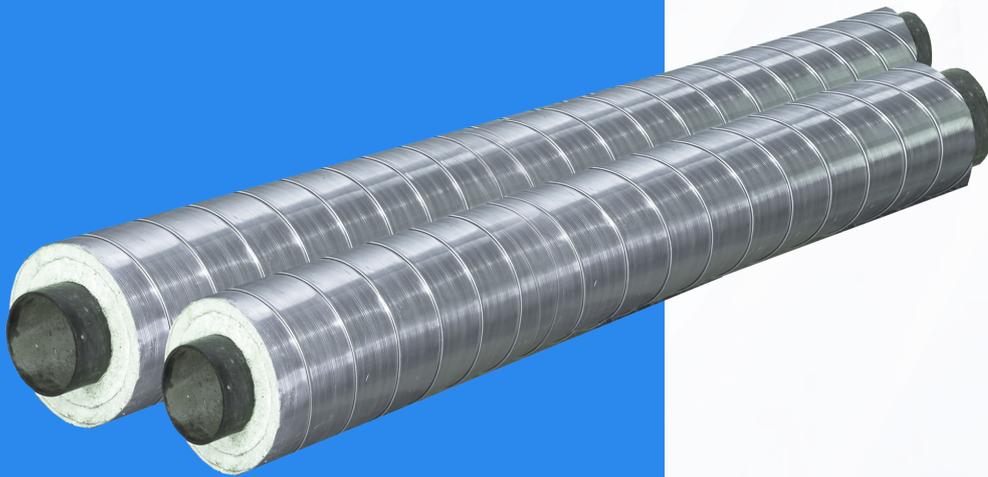


Pre-Insulated Pipes



“Efficient Thermal Protection in Every Length”

Loss or gain of heat has an adverse effect on air conditioning with chilled/hot water piping. It reduces efficiency as this change in temperature makes the system work harder to maintain the target temperature. This is why we have developed a durable and efficient Pre Insulated Pipe that maintains optimal thermal insulation and prevents heating and cooling losses. As a leading HVAC solution provider in India, we ensure that our Pre Insulated Pipes help you reduce operating costs and energy consumption.

Features

- Thermal insulation with HDPE/Aluminum jackets
- Eliminates the need for inside insulation of pipe
- Variety of insulation and jacket material
- PUF and Calcium Silicate insulation
- HDPE, Aluminium, SS & GI jackets for mechanical protection
- High-density rigid polyurethane foam with low thermal conductivity
- Media temperatures ranging between -500C to +1000C
- Zero leakage and weather proofing

Benefits

- Prevents heating and cooling losses
- Utilizes CFC free-blowing agent
- Saves time with pre-fabricated construction
- Reduces energy consumption and loss across long pipe networks
- Simplifies maintenance and inspection
- Corrosion-resistant build for long-term reliability
- Less accumulation of dust
- Enhances HVAC system efficiency and performance
- Ideal for both above-ground and underground installations

Product Technical Specifications – Product Range

1. Material Thickness Ranges:

- High-density polyurethane core

2. Temp Range:

- 50°C to +100°C

3. Insulation:

- PUF and Calcium Silicate insulation

4. Cladding:

- HDPE, Aluminium, Stainless Steel and Galvanized Iron

5. Agent:

- CFC free-blowing agent

6. Typical Fittings:

- Elbow Jointer and T-Jointer

7. Outer Jacket Material:

- HDPE, galvanized steel, or aluminum for mechanical protection and waterproofing.

8. Outer Jacket Thickness:

- G.I & AL (26 gauge, 24 gauge, 22 gauge)

Product Construction Details

1. Pre Insulated pipes feature a high-density polyurethane (PUF) core, which is renowned for its exceptional insulating qualities, structural stability, and high-performance thermal efficiency.
2. These pipes guarantee reduced heat gain or loss during fluid transmission.
3. They are designed to function in a broad temperature range of -50°C to $+100^{\circ}\text{C}$.
4. The system is dependable for both hot/chilled water applications because of the superior thermal resistance and dimensional stability offered by the insulating materials, calcium silicate, and PUF.
5. The foam insulation's use of a CFC-free blowing agent upholds the system's dedication to environmental responsibility without sacrificing functionality.

Jacket/Cladding Types:



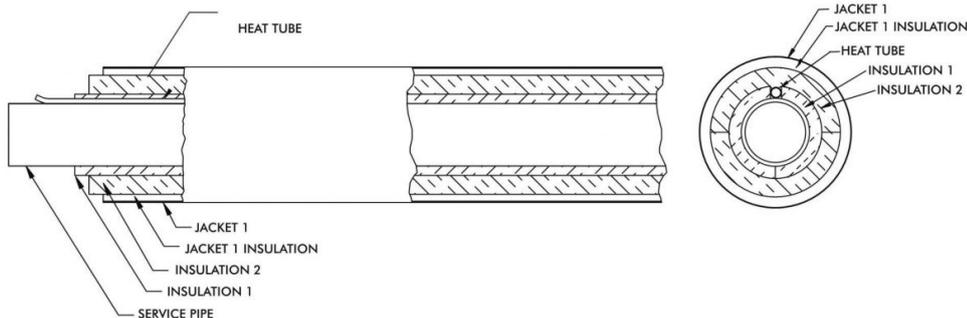
Aluminum, Stainless Steel
Jacket/Cladding



Galvanised Iron (GI)
Jacket/Cladding



HDPE
Jacket/Cladding



T-Jointer



Elbow Jointer

Applications



Commercial HVAC Systems



Pharmaceutical & Cleanroom Facilities



District Cooling/Heating Networks



Cold Storage & Refrigeration



Industrial Process Lines



Underground Pipe Routing



Chilled Water Supply & Return Lines



Green Building Projects



Hot Water Distribution

Our Presence



Sales & Support Offices

Ahmedabad | Bengaluru | Chennai | Delhi | Gurugram | Hyderabad | Jaipur | Kanpur | Kolkata | Mumbai | Pune

Corporate Office

Gurugram

DLF Corporate Greens,
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Sec - 74A, Gurugram -
122004, Haryana

Manufacturing Facilities

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Haryana, India

Maharashtra

343 & 343/1/A,
Village Lahe, Mumbai-
Nashik Highway,
Taluka Shahpur,
Thane - 421603

Karnataka

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