



Expanded Polyurathane Foam (Puff) Pipe :

Polyurethane foam is basically polymer, which is form when Iso-cyanate and Polyol is reacted. These compounds are mixed and pour to mold to form rigid, cellular foam. Resultant material is light weight polymer with excellent insulating property.

Characteristics:

Density in (Kg/M3)	36 to 40 Kg/M3
Cell structure	Closed Cell
Pipe Diameter	½" to 24 "
Thickness in mm	Pipes : 25 -100,
Dimensions	Pipe : 1 Mt L,
Temperature Range	- 40 °C to 110 °C
Thermal Conductivity (W/mk)	0.021 @ 10 Deg C
Compressive strength	205 KN/m ²
Water absorption	0.5 % by volume
Water vapor permeability	5.5 max (Ng/Pa-s-m)

Application :

- Cold storage and refrigeration wear houseing.
- Critical Industrial Application where maintaining a consistng temperature is most priority.
- Pipe Insulation
- Cold Storage ,Cold Room
- Food Processing Unit
- Shoping Malls
- Auditorium

Advantages:

- Environment friendly CFC & HCFC Free polyurathane foam of desired and uniform density.



SHETH INSULATIONS PVT. LTD.

Dealers & Contractor in Thermal Insulation & Waterproofing Materials

Your Energy Saving Partner

- Close cell content over 90%
- Excellent Dimensional and thermal Properties.
- Superior insulating efficiency leading to energy savings.
- Durable
- Water and moisture resistant
- Resist to most oil, chemicals, and solvents
- Fire Resistance
- Void Free Insulation
- No thermal Bridges
- Cost Effective

Thermal Resistance : (R – Value)

Thickness mm	R Value (m ² .K/W)
25	1.08
30	1.3
35	1.52
40	1.73
45	1.95
50	2.17
75	3.26
100	4.34