



Expanded Polystyrene EPS (Thermocol) Preformed Pipes and Blocks :

Expanded Polystyrene is a tough, rigid, light weight, closed cell insulation foam commonly known as EPS. Having densities in-between 8 Kg/M³ to 32 Kg/M³. Its close cell structure provides low water vapor permeance and hence it is widely used for thermal insulation. in food container, packaging industries, Building Insulation, Chilled water piping, refrigeration and many more.

Characteristics:

Density in (Kg/M ³)	8 to 32
Thermal Conductivity	At 00C-0.02751 Kcal/HR MOC At 100C-0.03009 Kcal/HR MOC
Dimensions	1 Mt L X 0.5 Mt W
Thicknesses in (mm)	25, 40, 50 , 65,75, 100
Pipes diameter from	15 mm to 300 mm (1 Mt & 2 Mt L)

Application :

- Packaging Industry
- Building & Construction – Under Deck Insulation
- Bryn / Chilled water Pipeline
- Refrigeration & Cold Storage Insulation

Advantages:

- Lightweight : Due to extremely light weight it is easy to carry and install
- EPS not absorbs water easily, even after subjected to prolonged saturation in water it do not change its shape, structure and size and it will retain 80% of its thermal Value.
- Expanded Polystyrene is dimensionally stable and does not deteriorate with age.
- Low Thermal Conductivity
- Fire Retardant (Available in Self-Extinguishing Grade)

EPS can be manufacture in any size and shape, due to its versatility it is widely used in many applications