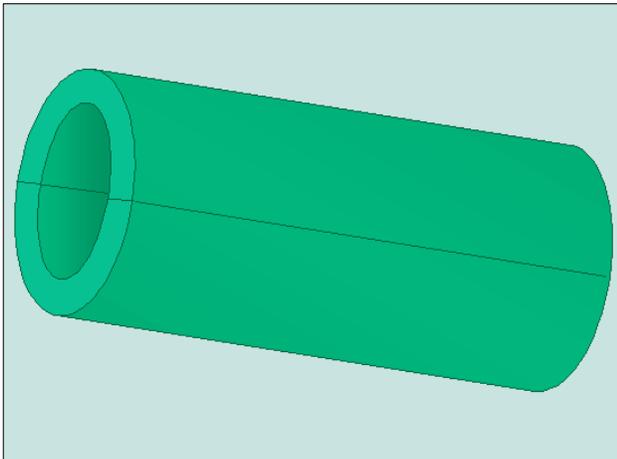


PHENOLIC FOAM PIPE AND DUCT INSULATION

THE SUPERIOR INSULATION FOAM

Phenolic Foam is a rigid cellular foam insulation material with a substantially closed cell structure, whose polymer structure is made primarily from the polycondensation of phenol, its homologues and/or derivatives with aldehydes and ketones.

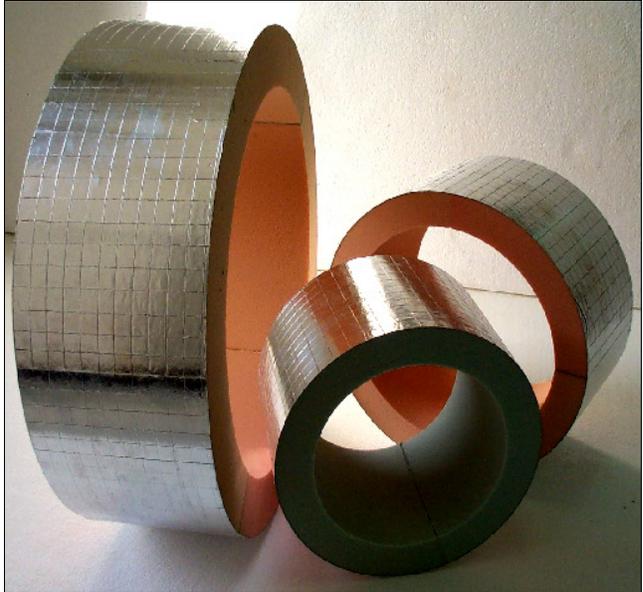
Isoline Phenolic Foam has various distinct properties that makes it better than conventional insulation materials.



Lower K Value (K Value = 0.018W/mk) – that means exceptionally low thermal conductivity.

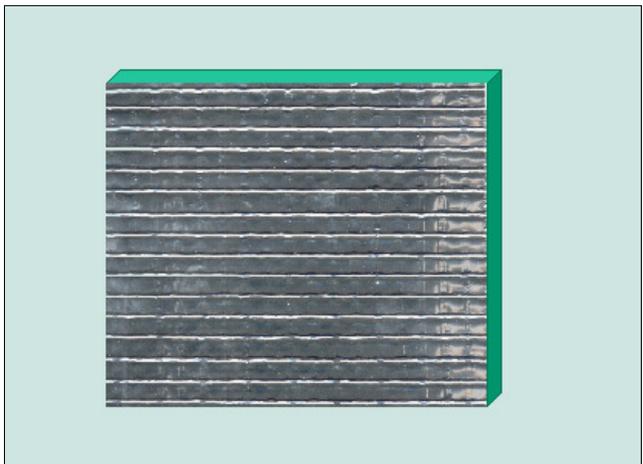
Main application: Isoline Phenolic Foam are using for the application of Chilled Water Pipe and Duct Insulations.

Wide service range for diverse insulation applications.

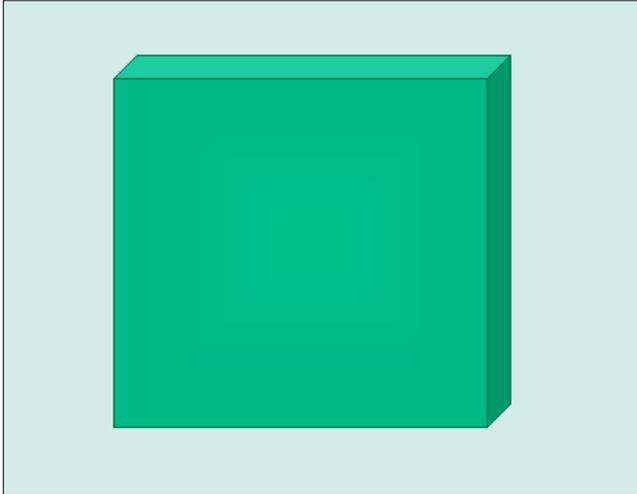


Cost-effective because lower thermal conductivity facilitates usage of lesser thickness of Isoline Phenolic Foam for the same level of insulation.

A Wide service temperature range between $-196\text{ }^{\circ}\text{C}$ to $+130\text{ }^{\circ}\text{C}$ makes Isoline Phenolic Foam ideal for low temperature and cryogenic applications. It can be effectively used on LSHS, fuel oil, low pressure steam and hot water lines.



PHENOLIC FOAM PIPE AND DUCT INSULATION



Low water absorption is a key feature of Isoline Phenolic Foam. A high closed cell content of up to 95% results in very low water vapour transmission and reduces condensation.

Isoline Phenolic Foam assures longer life as it is unaffected by most aromatic and aliphatic solvents.

Odourless and does not absorb colour.

Rodent/insect proof and being mildly antiseptic resists fungal and bacterial growth.

Corrosion and chemical resistance is another strength. Isoline Phenolic Foam resists organic solvents and chemicals. Being non-abrasive and hydrophobic, it does not corrode metal.

Phenolic Foam has anti-static properties. It is an electrical insulator and in case of friction does not generate static electricity or sparks.

Isoline Phenolic Foam is workable, easy to install and can be cut and shaped to any size with hand tools.

Availability Pipe Sections, faced with reinforced Aluminium foil (Class '1') or (Class 'O') or un-faced.

Pipe Fittings including Elbows, Tees, Valve, Covers.. etc.

Pipe Supports faced with reinforced Aluminium foil or un-faced.

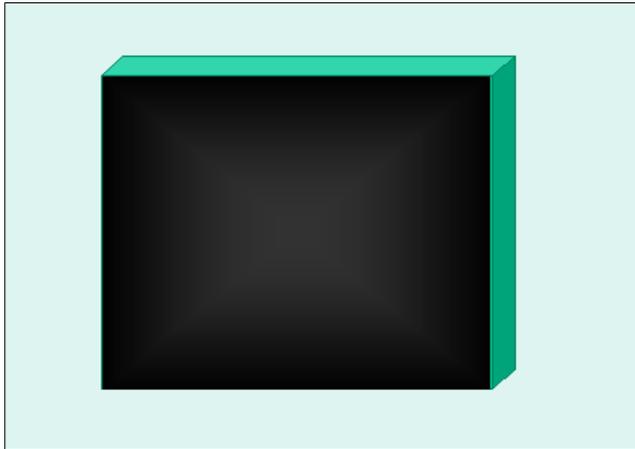
Duct Board faced with one side reinforced Aluminium foil (Class 1) or (Class 'O') or unfaced.



PHENOLIC FOAM PIPE AND DUCT INSULATION

Density 35Kg/m³ to 50Kg/m³ for Pipe Sections and Slabs.

65Kg/m³ to 120Kg/m³ for the use of Thermal Supports.



Insulation of Vessels, pipelines in petrochemical, fertilizer, chemical and pharmaceutical plants and in refineries.

Insulation of cold storage and refrigerated rooms.

Life-saving equipment such as life jackets, buoyancy block and other marine equipment.

Insulation of refrigerated rail, surface and marine equipment and containers.

DIVERSE APPLICATIONS

Under-deck and over-deck (roof) insulation.

Pipe and Duct Insulation.

Suspended ceilings and partitioning for commercial complexes, residential buildings and hospitals.

Insulation of high-altitude shelters.

Ship insulation.