



Thermo Isolate Insulation (Tube & Sheet) :

It is cross linked closed cell Oxide acetate foam used for thermal Insulation in AC ducting, Chilled water pipe, under deck/ over deck in RCC Roofing and metallic roofing This is UV resistive product also has Class "O" fire properties as per BS 476 part 6 material is also offered with factory laminated glass cloth and pure aluminum foil to give higher mechanical strength to the

product.

Characteristics:

Density in (Kg/M3)	30 +/- 3
Cell structure	Closed Cell, Cross linked, Stress Crack resistant
Physical Appearance	Soft, Flexible and Glossy
Thickness	6,9,13,19,25,32 (Tubes and Sheet)
Temperature Range	- 70 Deg C to 100 Deg C
Thermal Conductivity	0.029 W/ mk at 0 Deg C
Fire Test	Surface spread of flame : Class 1 Fire Propagation Index : Class O
Fungal Resistance	No Growth
Bacteria Resistance	No Growth
Mold Growth	No Growth
Ageing	No impact of ageing
Chemical Test	Negligible effect of acid & alkalies
Water Vapour absorption	0.002 g/ cm ²
Compressive Strength	30 KPA

Application :

- Duct Insulation
- Chilled Water & hot water Application
- Floor & Wall Insulation



SHETH INSULATIONS PVT. LTD.

Dealers & Contractor in Thermal Insulation & Waterproofing Materials

Your Energy Saving Partner

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- Underdeck / Roof Insulation

Advantages:

- Has good properties of both XLPE and Nitrile Rubber Insulation both
- Flexible as Nitrile Rubber Insulation and has excellent low water absorption like XLPE Insulation
- 100% Closed cell Insulation
- Low K Value
- Fire Retardant
- Low Density Smoke and does not emit harmful toxic fumes on burning
- It is an excellent insulation material with good thermal properties
- Temperature range between -40°C to +115°C.
- It is non sensitive to vapour and offers excellent resistance to chemicals, insects, bacteria and rodents.
- Thin and flexible material, hence easy to cut and apply.