



SHETH INSULATIONS PVT. LTD.

Dealers & Contractor in Thermal Insulation & Waterproofing Materials

Your Energy Saving Partner



Other Types of Jeacketing :

Other than metal thermoplastic and fabric is also important jecketing material. Their is wide variety of fabric used in different types of jacketing.

Fabric jeckets:

- A common method to combine mastic material with fabric to creat jecket over uneven surface or complicated shapes. Like valves flanges etc.
- The advantage is that it can be easily covered on an unusual shape as compaire to metal. But in outdoor application it is not durable.
- Fabric Jecketing also used to provide flexibility and removable and reuseable Insulation.
- The type for these application is dependes on the operatingTemperature and environmental conditions to which insulation has been done.
- It is commenly used in indoor applications.

Some common Fabric Insulation jecketing are :

- Fiber glass cloth with Ultra violet Paint
- Silicon Coated Fiber Glasscloth with Mastic.
- Hessain cloth is also used with black colour.

Thermoplastic jeckets :

It is made from varity of thermoplastic that includes PVC, and Saran, amoun others.

- These material are used for low temperature range.
- It is poor resistance of fire and should not be used where significant risk of fire.
- These are smooth sheets and ofetnly used where cleanliness is matter. Because it can be easily cleaned.
- It has also good resistance to variety of chemicals and not been damaged by water.



Some common Thermoplastic jackets are :

- Polyvinyl Chloride (PVC) :
 - is the most common plastic jacketing used.
 - If insulated ducting or piping runs outside then for a weather proofing against weather condition like vapour, wind, rain, snow, UV and Sunlight, it is used.

- Polyvinylidene Fluoride (PVDF) :
 - Outstanding Resistance to sunlight/ UV exposure and good resistance to γ radiation
 - Excellent resistance to wide range of aggressive chemicals
 - Excellent burn characteristics/Flame and smoke Properties.
 - Easy to fabricate and welding
 - Extremely high purity for most demanding application
 - Extremely high electrochemical stability
 - Chemically inert for acids, aliphatic and aromatic organic compound, chlorinated solvents, alcohols

- High Density Polyethylene (HDPE)
 - It is thermoplastic made from Petroleum
 - It is Highly durable, will not splinter and rot.
 - It has high tensile Strength
 - Good resistance to corrosion
 - Resists to absorb harmful bacteria