



Cross-Seal™ Insulation Jacketing Product

ECONOMICAL SEALING PROCESS FOR REMOVABLE INSULATION SERVICE



With a revolutionary material and heat-sealing combination, heat-sealed PTFE insulation jacketing is now feasible and cost-effective. Cross-Seal™ Insulation Jacketing Product keeps insulation materials dry and functional for the long-term. A proprietary and leak-tight all-PTFE CrossFilm™ material is seamed together using a fast and effective process that allows for complex shapes and three dimensional designs. The insulation material stays dry and fully encapsulated by the CrossFilm™ material. There is also no concern for escaping of fiberglass or powders into the environment, which is critical for ultra-pure applications such as clean rooms, food plants, and pharmaceutical plants.

The CrossFilm™ material is ultra-light and ultra-flexible with sufficient heat-sealed strength at the straps to anchor heavy insulation pads. CrossFilm™ material is unaffected by chemicals, has no shelf life, and will not corrode.



TCI's Cross-Seal™ Benefits Include:

- The heat-sealed seams keeps the insulation material dry and prevents the release of fibers and powders through stitched holes.
- The sealing process that simulates the speed of a sewing machine and is able to do complex shapes with curvature.
- Compatible with any environment including ultra-pure settings such as food plants, pharmaceutical plants, and clean rooms.
- All-PTFE CrossFilm™ material is unaffected by chemicals, has no shelf life, and will not corrode.
- Minimizes the possibility for corrosion under insulation (CUI).
- Strong heat-sealed strapping allows for the use of an ultra-light, ultra-flexible, and cost-effective CrossFilm™ material.
- Designed and sold only to insulation jacketing manufacturers.



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