

LFP™ CrossFilm™ Insulation Jacketing Material

Fiberglass-Free Insulation Jacketing Material for Wet, Corrosive Environments

LFP™ CrossFilm™ Insulation Jacketing Material is an all-PTFE material designed for challenging, wet service. Since the material is 100% PTFE, it is unaffected by harsh chemicals and constant wet/steam environments. The flexible, tear resistant material is available in thicknesses ranging from 0.003" (0.076 mm) to 0.020" (0.5 mm). Fiberglass-reinforced insulation jacketing materials are susceptible to corrosion. PTFE coatings and films will allow the permeation of moisture into fiberglass. Holes caused by stitching also allow for direct penetration of moisture into fiberglass.



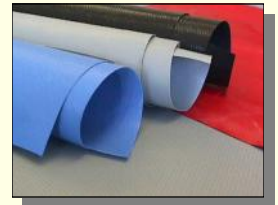
Examples of a corroded fiberglass-reinforced insulation jacketing pad.

The only way to guarantee a corrosion-free insulation jacketing pad is to use an all-PTFE material. LFP™ CrossFilm™ Insulation Jacketing Material will not be chemically-attacked, regardless of the environment. In addition, LFP™ CrossFilm™ Material will meet all requirements for fire retardancy and clean room specifications. Unlike fiberglass-reinforced materials, it will not soak up oils and solvents and become a source of flame spread.



Material Features

- ✓ All-PTFE composition; does not contain fiberglass.
- ✓ Excellent flexing and folding properties.
- ✓ Can be used in clean room, steam, food, cryogenic, and underwater environments.
- ✓ Upper temperature limit of 600°F (316°C).
- ✓ Thickness range from 0.003" (0.076 mm) to 0.020" (0.5 mm).
- ✓ Special colors are available.



Manufacturer of High Performance
PTFE Composites and Laminates

