



Hybrid™ 8.0 Insulation Jacketing Material

PTFE LAMINATE ENGINEERED FOR EXTREME REMOVABLE INSULATION SERVICE

Hybrid™ 8.0 Description:

This CrossFilm™ laminate is designed for the most challenging insulation jacketing applications at a pricing level that is competitive with typical dip-coated materials. In many high-temperature and industrial applications, Hybrid is generally regarded as a material that lasts more than three times longer than dip-coated materials.

Using a proprietary hybrid of PTFE film and fiberglass, this material will simulate an all-PTFE laminate with the stretch and minimal elongation of a fiberglass reinforcement. Unlike traditional PTFE-coated fiberglass insulation jacketing materials, which contain approximately 25% PTFE and 75% fiberglass, Hybrid contains 75% PTFE and 25% fiberglass.

With adhesion values that are significantly greater than dip-coated materials, Hybrid has a highly wear-resistant surface with minimal fiberglass fraying at material edges. It has higher excursion temperature capability than dip-coated materials and it is heat-sealable. The tent-like texture and flexibility makes it advantageous for the sewing or heat-sealing of removable insulation jacketing applications.

- Lasts more than three times longer than typical PTFE dip-coated products in high-temperature and industrial applications
- Competitive in price to dip-coated materials
- Contains 75% PTFE
- Higher adhesions than dip-coated materials gives greater wear resistance



- Minimal fiberglass fraying at material edges with minimal airborne fiberglass
- Higher excursion temperatures than dip-coated materials
- Heat-sealable
- Excellent flexibility and tear resistance
- Flame resistant
- Color, thickness, conductivity and width variations are available upon request

HYBRID™ 8.0 TYPICAL PHYSICAL

Upper Use Temperature:	600°F (316°C) Continuous Service
Thickness:	0.0095 inches (0.241 mm)
Width:	60 inch (1524 mm); Cut-to-size widths available
Weight:	9.0 oz/yd ² (305 (g/m ²))
Tensile Strength (Warp):	81 lbs/inch (710 N/50 mm)
Trapezoidal Tear (Warp):	28 lbs (125 N)

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