



# Hybrid™ 7.0 Insulation Jacketing Material

## PTFE LAMINATE ENGINEERED FOR EXTREME REMOVABLE INSULATION SERVICE

### **Hybrid™ 7.0 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™ 7.0 TYPICAL PHYSICAL**

<b>Upper Use Temperature:</b>	600°F (316°C) Continuous Service
<b>Thickness:</b>	0.0085 inches (0.216 mm)
<b>Width:</b>	60 inch (1524 mm); Cut-to-size widths available
<b>Weight:</b>	7.0 oz/yd <sup>2</sup> (237 (g/m <sup>2</sup> ))
<b>Tensile Strength (Warp):</b>	75 lbs/inch (657 N/50 mm)
<b>Trapezoidal Tear (Warp):</b>	12 lbs (53 N)

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