

Coretec™ FEP Specifications (Fluorinated Ethylene Propylene)

General Description

- Water absorption: 24 hour <0.01% (ASTM D570)
- Weather and chemical resistance: Outstanding
- FEP is ASTM D2116 Type IV

Physical Property	Test Method	Value
Specific gravity	ASTM D792	2.12 - 2.17
Color		Natural
Mechanical Property	Test Method	Value
Tensile strength	ASTM D638	4350 psi (30MPa)
Elongation	ASTM D638	325%
Hardness		D56
Thermal Property	Test Method	Value
Melting point		255°C (491°F)
Electrical Property	Test Method	Value
Dielectric strength	ASTM D149	>100 (kV/mm)
Dissipation factor	ASTM D150	1kHz 0.0005