



FLUOROWRAP®

E122

Engineered for High Performance Insulation

Black Unsintered Extruded PTFE Film

FLUOROWRAP® E122 Black Unsintered Extruded PTFE Film is engineered with a carbon based PTFE filler to enhance conductivity and facilitate the dissipation of static electricity. FLUOROWRAP® E122 can be used for shielding high temperature wires and cables, wall construction of convoluted hose or when carbon black offers color advantages over other black pigments. Physical properties and conductivity are maximized after sintering.

Features/Benefits

- Enhanced Conductivity
- Outstanding heat and chemical resistance
- RoHS and REACH compliant

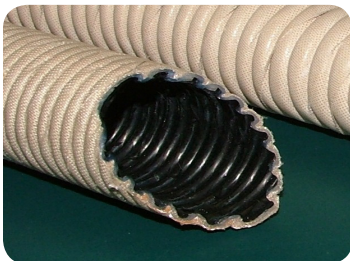
Availability

FLUOROWRAP® E122 Black is available on industry standard 3" (76 mm) ID cores in flat-pad, traverse wound and StableEdge™ packages.

Customized solutions available.

Applications

- High temperature wire and cable
- Convoluted hose



FluoroWrap® E122 Properties

Performance tests are run using standard test procedures.
The values presented are typical values and should not be used for specification purposes.

Property	English Units	Metric Units	English Units	Metric Units	English Units	Metric Units
Thickness	3.0 mil	0.076 mm	4.0 mil	0.102 mm	5.0 mil	0.127 mm
Density	1.25 g/cm ³					
Tensile Strength MD (minimum)	1,150 psi	7.9 MPa	1,150 psi	7.9 MPa	900 psi	6.2 MPa
Tensile Strength TD (minimum)	100 psi	0.7 MPa	100 psi	0.7 MPa	100 psi	0.7 MPa
Elongation MD (minimum)	50 %		50 %		100 %	
Approximate Yield	49 ft ² /lb	10 m ² /kg	37 ft ² /lb	7.6 m ² /kg	29 ft ² /lb	5.9 m ² /kg

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