

## Parker Chomerics Tecknit Teckshield®-F 145 OPI 0.0022" Diameter Wire, High Performance EMC Window

Category : Ceramic , Glass , Optical , Polymer , Thermoplastic , Acrylic (PMMA) , Acrylic, Optical Sheet

### Material Notes:

Description: TECKSHIELD-F high-performance fully laminated flat windows are specially designed to provide optimum optical transmission and EMI shielding in severe interference environments. TECKSHIELD-F windows have proven to be effective in TEMPEST qualified Visual Display Units, as well as in printers and enclosures requiring large viewing apertures. A special low-resistance mesh is laminated between two layers of glass or acrylic. The edge termination between the window mesh and the enclosure is designed to provide uniform mesh-to-enclosure continuity around the entire perimeter of the shielding aperture. Application Information: TECKSHIELD-F high-performance flat windows are designed for enclosures requiring superior shielding against EMI radiation or susceptibility. They provide maximum EMI protection and high optical clarity for teleprinters, digital, graphic, and other flat displays. TECKSHIELD-F windows can also be economically matched to most visual display units to minimize image distortion and to maximize shielding effectiveness. Information provided by Chomerics

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Parker-Chomerics-Tecknit-Teckshield-F-145-OPI-00022-Diameter-Wire-High-Performance-EMC-Window.php](http://www.lookpolymers.com/polymer_Parker-Chomerics-Tecknit-Teckshield-F-145-OPI-00022-Diameter-Wire-High-Performance-EMC-Window.php)

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	60.0 °C	140 °F	Acrylic
	80.0 °C	176 °F	Glass
Minimum Service Temperature, Air	-55.0 °C	-67.0 °F	Glass
	-55.0 °C	-67.0 °F	Acrylic

Electrical Properties	Metric	English	Comments
Shielding Effectiveness	45 dB	45 dB	Plane Wave
	@Frequency 1.00e+10 Hz	@Frequency 1.00e+10 Hz	
	55 dB	55 dB	H-Field
	@Frequency 100000 Hz	@Frequency 100000 Hz	
	80 dB	80 dB	Plane Wave
	@Frequency 1.00e+9 Hz	@Frequency 1.00e+9 Hz	
	120 dB	120 dB	E-Field
	@Frequency 1.00e+7 Hz	@Frequency 1.00e+7 Hz	

## Contact Songhan Plastic Technology Co.,Ltd.

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