

Data Sheet

FR-2194

Manufactured by Berry Plastics Corporation
Tapes & Coatings Division
25 Forge Parkway
Franklin, MA 02038
PH: 800.343.7875 Fax: 800.328-4822

Structure: Metallized PET/PE/Foil/Blended PE

Meets all of the requirements of **MIL-PRF-81705D, Type 1, Class 1**. FR-2194 is intended for applications requiring a flexible, heat-sealable barrier material with low MVTR. It can be used for the protection of extremely critical or sensitive devices susceptible to damage by ESD, EMI, moisture, and corrosion. QPL Listed.

Property	Typical Value	Unit of Measure	Test Method
Caliper	3.25	mils	
Tear (MD)	70	grams	ASTM-689
Tear (XMD)	70	grams	ASTM-689
Puncture	19	lbs	FED TM 2065
MVTR	0.0006	g/100 sq in/24 hrs	Mocon
O ₂ TR	0.0006	cc/100 sq in/24 hrs	Mocon
Seal Strength	11	lb/in	350°F/26psi/0.75 sec
Surface Resistivity (Inner/Outer)	10 ³ /10 ⁷	ohms/sq	ASTM D25
Charge Dissipation (Inner)	0.01 to 0.02	seconds	FED TM 4046
EMI Attenuation	38.8	dB	MIL-B-81705
Static Shielding	-2V +3V	volts	EIA-541
Yield	7200	sq in/lb	

Standard Sizes	36"x1000ly
	48"x1000ly

Disclaimer:

The data presented refers to typical values only and should serve only as a guide and does not encompass normal variability, or constitute any warranty. We urge purchasers to conduct tests for suitability in their specific end use.

