



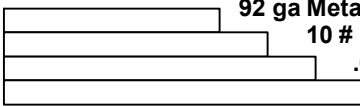
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FR 2194

MILITARY SPEC

Film Data Sheet

Exterior



92 ga Metallized PET

10 # PE

.000285 Foil

18# SD -Nucrel

Interior

Physical Description:
Anti Static Metallized PET / Foil / A.S. Black PE blend

MIL Specification:

Film MIL PRF 81705 T1

Pouch: MIL DTL 117 T2 CF S1

Application:

This moisture barrier film meets the MIL PRF81705 Type 1 specifications as it appears on the Navy Qualified Products List (QPL) for low MVTR and maximum physical strength. It provides full protection from ESD, static fields and tribo charging. The film is strong and light weight and is suitable for vacuum packaging with nitrogen flushing.

Converting:

It is usually converted sheeting, tubing, and 2 seal pouches with Faraday cage.

Physical Properties:

PROPERTIES	TEST METHOD	UNIT OF MEASURE	TYPICAL VALUE
Caliper		mils	3.25
Yield		sq.in/Lb	7200
MVTR	Mocon	gms/100 ² in./24 hrs	0.0006
OTR	Mocon	CC/100 ² in./24 hrs	0.0006
Puncture	Fed TM 2065	Lbs.	19
Surface Resistivity	ASTM 257	Ohms/Sq. Outer	10 ³
Surface Resistivity	ASTM 257	Ohms/Sq. Inner	10 ⁷
Charge Dissipation	Fed TM 4046	Seconds	.01 - .02
EMI Attenuation	MIL B-81705	dB	100
Static Shielding	EIA-541	Volts	-2V + 3V
Tear MD	ASTM-689	Lbs. at break	70
Tear XD	ASTM-689	Lbs. at break	70