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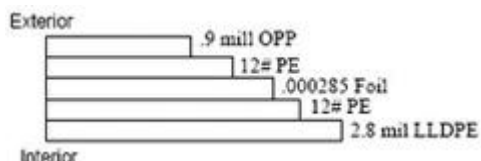
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FR 2175 B

MILITARY SPEC

Film Data Sheet



Physical Description:

Silver 5mil Laminated OPP/Foil/Poly barrier film

MIL Specification:

Film MIL PRF 131 C1 - FFP

Pouch: MIL DTL 117 T2 CE S1

Application:

FR-2175B is a foil barrier material used where very low oxygen and moisture levels are required. It is silver in color with red Mil Spec printing. It is used extensively in military applications where a cost-effective, strong, high barrier material is required. This FDA approved material is also available without the Mil Spec and is therefore unprinted (FFP500)

Converting:

It can be converted in many ways: 2-seal pouch, 3-seal pouch, side gusset, stand up pouch and tubing. Features include: recloseable zipper, tear notch, round hang hole, and sombrero hang hole. The FFP500 can also be surface printed or reverse-trapped printed. It is available in web widths to 60".

Physical Properties:

PROPERTIES	TEST METHOD	UNIT OF MEASURE	TYPICAL VALUE
Caliper		mils	5.0
Yield		sq.in/Lb	5400
MVTR	Mocon	gms/100 ² in./24 hrs	0.0006
OTR	Mocon	CC/100 ² in./24 hrs	0.0006
Tensile MD	ASTM D882	Lbs. at break	34
Tensile XMD	ASTM D882	Lbs. at break	29
Tear MD	ASTM 689	Grams	64
Tear XMD	ASTM 689	Grams	64
Alum. Pinholes		Pinholes/ ft ²	100