



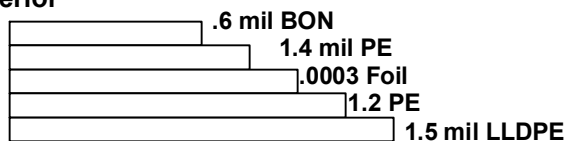
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MILITARY SPEC

Film Data Sheet

MS 360

Exterior



Interior

Marvelseal

Physical Description:

Silver 5.2 mil Laminated Nylon/Foil/Poly barrier film

MIL Specification:

Film MIL PRF 131 C1 - NFP

Pouch: MIL DTL 117 T1 CE S1

Application:

MS-360 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 (NFP520 nomenclature)

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 NFP520 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	TAPPI T411	mils	5.2
Yield		sq.in/Lb	5253
MVTR	ASTM F1249	gms/100 ² in./24 hrs	0.0006
OTR	ASTM D3985	CC/100 ² in./24 hrs	0.0006
Burst	TAPPI T403	psi	70
Tensile MD	TAPPI T494	#/inch	27
Tensile CD	TAPPI T494	#/inch	26
Tear MD	TAPPI T494	Ft-lb/ft ²	140
Alum. Pinholes		Pinholes/ ft ²	100