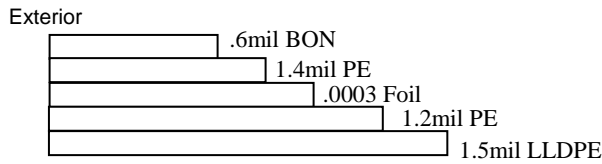


MILITARY SPEC

FILM DATA SHEET

MS360



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MIL SPECIFICATION
Film: MIL PRF 131 C1
Pouch: MIL DTL 117 T1 CE S1

Barrier Material: Water vapor proof, Greaseproof, Flexible, Heat-Sealable, Class 1

Application:

MS360 is a Nylon 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 material is also available without the Mil Spec and is therefore unprinted (NFP520 nomenclature). The NFP520 can also be surface printed or reverse-trapped printed. It is available in web widths to 60"**

Converting:

Film is converted in many ways: 2-seal pouch, 3-seal pouch, stand up pouch and tubing. Features include: recloseable zipper, tear notch, round hang hole, and sombrero hang hole.

Physical Properties:

PROPERTIES	TEST METHOD	UNIT OF MEASURE	TYPICAL VALUE
Caliper	TAPPI T411	mils	5.2
Yield		Sq.In/LB	5253
MVTR	ASTM F1249	g/100 in ² /Day @ 90% RH 40° C	.0006
OTR	ASTM D3985	cc/100 sq. in./24 hrs	.0006
Burst	TAPPI T403	psi	70
Tensile MD	TAPPI T494	lbs. At break	27
Tensile CD	TAPPI T494	lbs. At break	26
Tear MD	TAPPI T414	lbs. At break	155
Tear CD	TAPPI T414	lbs. At break	100
Alum Pin Holes		Pinhole/ft ²	100

Suggested Sealing Conditions: 350°F, 40psi, 1.5 sec

The values indicated in this document are the results of tests made in compliance with the normal standards. They are given as an indication and should be considered as average values and given without any obligation on our part. This data was provided directly to Shannon from our film supplier.