

MILITARY SPEC

FILM DATA SHEET

MS1311

Exterior

	Scrim Cotton
	.000285 Foil
	LLDPE



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MIL SPECIFICATION

Film: MIL PRF 131 C3

Pouch: MIL DTL 117 T4 CE S1

QPL MIL-PRF-131K

Barrier Material: Water vapor proof, Greaseproof, Flexible, Heat-Sealable, Class 3

Application:

MS1311 is a heavy duty foil Barrier film used where very low oxygen and moisture levels are required. It is white in color and the film has red Mil Spec printing on exterior white layer. It is used extensively in military applications where a cost-effective, heavy duty, high barrier material is required. Typical uses are vacuum crating and pouches for moisture/oxygen sensitive items. Product protection inside export crating is another common application for this film. The MS1311 Conforms to FDA regulations Part 177.1520 CFR21.

Converting:

MS1311 can be 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	ASTM D2103	mils	15
MVTR	ASTM F1249	g/100 in ² /Day @ 90% RH 40° C	.0005
OTR	ASTM D3985	cc/100 in ² /day @ 0%RH 23° C	.0005
Burst	TAPPI T403	Psi	58
Tensile MD	TAPPI T494	Lbs at break	20
Tensile CD	TAPPI T494	Lbs at break	20

Suggested Sealing Conditions: 500°F, 60psi, 2.0 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.