

# MILITARY SPEC

# FILM DATA SHEET

MS1312

Exterior  
Brown Kraft  
.000285 Foil  
LLDPE



Shannon Packaging Company  
3647 Shasta St.  
Chino, CA 91710  
Phone: (909) 591-8768  
Fax: (909) 591-1409  
www.shannonpkg.com



**MIL SPECIFICATION**  
Film: MIL PRF 131 C2  
Pouch: MIL DTL 117 T3 CE S1

**Barrier Material: Water vapor proof, Greaseproof, Flexible, Heat-Sealable, Class 2**

### Application:

The MS1312 Foil Kraft is a foil barrier material used where very low oxygen and moisture levels are required. It has a brown kraft on its exterior and its foil layer can be seen by viewing its sealant layer. It is used extensively in military applications. Unprinted film can be used for food applications such as stand up pouches for protein powders and coffee beans.

### Converting:

MS1312 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		mils	7.7
Yield		Sq.In/LB	4055
MVTR	ASTM F1249	g/100 in <sup>2</sup> /Day @ 90% RH 40° C	.0005
OTR	ASTM D3985	CC/M <sup>2</sup> ./24hours	.01
Burst	TAPPI T403	psi	65
Tensile MD	TAPPI T494	#/inch	27
Tensile CD	TAPPI T494	#/inch	26
Tear MD	TAPPI T414	Grams	130
Tear CD	TAPPI T414	Grams	152.2

### **Suggested Sealing Conditions: 400°F, 50psi, 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.