



QPL MIL-PRF-131K

Product:

Military Spec FR-2175B

0.9 mil OPP / 12# PE / .000285 Foil / 12# PE / 2.8 LLDPE – 5mil

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

Mil Spec:

Film: MIL PRF 131 CI – FFP

Pouch: MIL DTL 117 T1 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”.

TEST ITEM	UNIT	TEST METHOD / CONDITION	TYPICAL VALUE
CALIPER	Mils		5.0
YIELD	sq. in/lb.		5400
MVTR	gms/100 sq. in./24hrs	Mocon	.0006
OTR	cc/100 sq. in./24hrs	Mocon	.0006
TENSILE MD	lbs. at break	ASTM D-882	34
TENSILE XMD	lbs. at break	ASTM D-882	29
TEAR MD	grams	ASTM 689	64
TEAR XMD	grams	ASTM 689	64
ALUM. PINHOLES	pinholes/ft ²		100

The values indicated in this document are the results of test made in compliance with normal standards. This data should be considered as average typical properties and not as a specification. This data is offered for information purposes and does not represent any type of guarantee or warranty of performance. No liability is assumed for any incidents that may arise from use of this data. We urge purchases to conduct independent tests to determine final suitability for their specific application.