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Certified: ISO 9001: 2008

# PROTECT KF

## MIL-PRF-131 Type 1 Class 2 Data Sheet

Barrier Material: Greaseproof, Waterproof, Water-Vaporproof, and Heat-Sealable

**Structure description: 40 lb Natural Kraft /1 mil LDPE/ .0003 mil Aluminum Foil/3.2 Mil LDPE**

This material is intended for applications requiring a heavy-duty, heat sealable barrier material with a low MTRV. This material is used for the protection of extremely critical items susceptible to damage by corrosion.

### PHYSICAL PROPERTIES

PROPERTY	TYPICAL VALUES	UNITS	TEST METHOD
<b>Tensile:</b> <b>MD</b> <b>XMD</b>	40 27	lbs at break	ASTM-D-882
<b>Tear:</b> <b>MD</b> <b>XMD</b>	200 200	grams	ASTM-689
<b>MVTR:</b> <b>Flat</b>	.0006	gms/100 in <sup>2</sup> / 24 hrs	Mocon
<b>Puncture:</b>	6	lbs	FED. TM 2065
<b>Seal Strength:</b> <b>@ 400F; 40 psi; 1 sec</b>	8	lbs/in	ASTM-D-882
<b>Caliper</b>	8	mils	-
<b>Yield:</b>	3724	sq. in. / lb	-

*Disclaimer:*

*The data presented refers to typical values only and should serve only as a guide and does not encompass normal variability, or constitute any warranty. We urge purchasers to conduct tests for suitability in their specific end use.*