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Certified: ISO 9001: 2008

MIL-PRF-131K PROTECT 100 Data Sheet

**Super Heavy Duty Barrier Packaging:
Watervaporproof, Greaseproof, Flexible, Heat-Sealable**

Structure description: Biax Nylon/PE/ Foil/FE/Heavy Duty Coex

PHYSICAL PROPERTIES

PROPERTY	TYPICAL VALUES	UNITS	TEST METHOD
Caliper	7.3	mil	ASTM D2103
Yield	3,770	in ² /lb	Calculated
Puncture Resistance	26	lbs	FED STD 101
Tensile Strength	25	lbs/in	ASTM D882
Tear Strength	>400	grams	ASTM D1922
OTR	0.0005	cc/100 in ² /day @0% RH, 23 °C	ASTM D3985
WVTR	0.0005	g/100 in ² /day @ 90% RH 40 °C	ASTM F1249
Seal Strength	19	lbs/in	ASTM F88
Suggested Sealing Conditions	435 °F, 60psi, 3.0sec		

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.