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Certified: ISO 9001: 2008

PROTECT P Series MIL-PRF-131K TYPE I CLASS1 Data Sheet

**Barrier Material: Watervaporproof, Greaseproof, Flexible, Heat-Sealable,
Class 1**

Structure description: OPP/PE/Foil/PE

PHYSICAL PROPERTIES

PROPERTY	TYPICAL VALUES	UNITS	TEST METHOD
Caliper	4.4	mil	ASTM D2103
Yield	6,050	in ² /lb	Calculated
Puncture Resistance	20	lbs	MIL STD 3010
Tensile Strength	28	lbs/in	ASTM D882
Breaking Strength	75	lbs (Grab Mthd)	MIL STD 3010
OTR	0.0005	cc/100 in ² /day @0% RH, 23 °C	ASTM D3985
WVTR	0.0005	g/100in ² /day @ 90% RH 40 °C	ASTM F1249
Seal Strength	18	lbs/in	ASTM F88
Suggested Sealing Conditions	400 °F, 40psi, 1.5sec		

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.