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Certified: ISO 9001: 2015

# PROTECT HD 100

## MIL-PRF-131 Class 1

### Data Sheet

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

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

### PHYSICAL PROPERTIES

PROPERTY	TYPICAL VALUES	UNITS	TEST METHOD
Caliper	7.9	mil	ASTM D2103
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 <sup>2</sup> /day @0% RH, 23°C	ASTM D3985
WVTR	0.0005	g/100 in <sup>2</sup> /day @ 90% RH 40°C	ASTM F1249
Seal Strength	19	lbs/in	ASTM F88
Suggested Sealing Conditions	435°F, 60psi, 3.0sec		

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*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.*