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Certified: ISO 9001: 2015

# PROTECT N Series

## MIL-PRF-131 CLASS I

### Data Sheet

**Barrier Material: Watervaporproof, Greaseproof, Flexible, Heat-Sealable,**  
**Structure description: Nylon/PE/Foil/PE**

#### PHYSICAL PROPERTIES

PROPERTY	TYPICAL VALUES	UNITS	TEST METHOD
Caliper	4.15	mil	ASTM D2103
Puncture Resistance	17-20	lbs	MIL STD 3010
Tensile Strength	4,600	lbs/in	ASTM D882
Breaking Strength	75 (MD) 70 (TD)	lbs (Grab Mthd)	MIL STD 3010
COF (sealant to sealant)	< 0.1-0.3	Kinetic	ASTM D1894
OTR	<0.0001	cc/100 in <sup>2</sup> /day 24 hrs	ASTM D3985
WVTR	<0.0001	g/100in <sup>2</sup> /day 24 hrs	ASTM F1249
Seal Strength	15-20	lbs/in	ASTM F88
Suggested Sealing Conditions	375°F, 40psi, 1sec		

*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.*