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Certified: ISO 9001: 2008

# PROTECT 2175

## MIL-PRF-131K Class I

### Data Sheet

**Structure: OPP/PE/Foil/PE**

Meets all of the requirements of **MIL-PRF-131K**, Class 1. Intended for applications requiring a flexible, heat-sealable barrier material with low MVTR. FR-2175 can be fabricated into pouches and used for protection of extremely critical items and materials. **DMF#14943**

#### **PHYSICAL PROPERTIES**

Property	Typical Value	Unit of Measure	Test Method
Caliper	5	mils	
Tensile (MD)	34	lbs at break	ASTM D-882
Tensile (CD)	29	lbs at break	ASTM D-882
Tear (MD)	64	grams	ASTM 689
Tear (XMD)	64	grams	ASTM 689
MVTR	0.0006	g/100sq in/24hrs	Mocon
O2TR	0.0006	g/100sq in/24hrs	Mocon
Puncture	15	lbs	FED TM2065
Seal Strength 375 °F: 26 psi: 1 sec	10	lbs/in	ASTM D-882
Yield	5400	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.*