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Certified: ISO 9001: 2015

PROTECT 2000

MIL-PRF-22191 TYPE 1 CLASS 1

Data Sheet

Specification: MIL-PRF-22191 T/1 C/ 1, MIL-DTL-117H T/1, C/E, S/2
Construction: 60 ga Aclar / 10# LDPE / Ink / ga PET / 37# LDPE

Protect 2000 is heat sealable and can be used for applications requiring superior tear and puncture resistance as well as protection from air and moisture vapor. Best used for materials such as jet engine bearing or other sensitive items requiring periodic inspection during storage.

PHYSICAL PROPERTIES

PROPERTY	TYPICAL VALUES	UNITS	TEST METHOD
Caliper	0.0049	Inches	
Tensile *MD / CD	.34	LBS/In	TAPPI T494
Tensile *MD / CD	.30	LBS/In	TAPPI T494
Puncture Resistance Seam Strength (351F, 40 psi, 1.0 sec)	20 18	Lbs. Lbs.	MIL-STD 3010A/3015
Tear (MD)	148	Grams	ASTM 689
Tear (CD)	111	Grams	ASTM 689
WVTR	<0.017	G/100SI/ 24 hrs	ASTM F – 1249
Oil Resistance	Passed	---	MIL-STD 3010A/3015
Breaking Strength	72.8	LBS/In	MIL-PRD-131K 4.6.5

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.

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