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Certified: ISO 9001: 2015

PROTECT SCRIM-B

MIL-PRF-131 TYPE I CLASS 3

Data Sheet

Barrier Material: Watervaporproof, Greaseproof, Flexible, Heat-Sealable

Structure description: Poly Cotton-Scrim/PE/Foil/PE

Protect Scrim B is heat sealable and can be used for applications requiring superior tear and puncture resistance as well as protection from light, air and moisture vapor. Protect Scrim B conforms to regulations part 117-1520 CFR21 for direct food contact when used as supplied in an accordance with sound manufacturing practices.

PHYSICAL PROPERTIES

PROPERTY	TYPICAL VALUES	REQUIRED VALUE	UNITS OF MEASURE	TEST METHOD
WVTR	0.01	< 0.02	gm/100 in ² /24hr	MIL STD 2017/3030
WVTR/Mocon	0.0005	< 0.0005	gm/100 in ² /24hr	4.6.4
Oil Resistance	Passed	No delamination, swelling or leakage	-	MIL-STD 3015
Contact Corrosivity	Passed	No corrosion, etching or pitting	-	MIL-STD 3005
Puncture Resistance	32.84	> 22	lbs.	MIL-STD 2065
Breaking Strength	80.66	> 65	lb./in	4.6.5
Tear Strength	23.2	> 17	lbs.	4.6.6
Backing Peel	24	> 7	oz/in	4.6.7
Caliper	12 mil	n/a	In.	
Suggested Sealing Conditions	500°F, 60psi, 2.0sec			

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.