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PRODUCT DATA SHEET

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Supersedes All Previous Publications

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PRODUCT NAME AND SYNONYMS: **TRANSLUCENT SKYLIGHT COVER**

TEST METHOD	TYPICAL	CHARACTERISTICS
	STANDARD	METRIC
Fabric, Type	Polyester Weft Insertion Low Wick, 3.0 Oz/yd ²	Polyester Weft Insertion Low Wick, 270 gm/m ²
Total Weight ASTM D 751	28 Oz/yd ²	970 gm/m ²
Breaking Strength-Strip ASTM D 751 procedure A	441/408 lbs/inch	400/370 Kg/5cm
Elongation at Break ASTM D 751 procedure B	22/24%	
Tear Strength-Single rip ASTM D 751 procedure B - 8"x10" specimen	330/265 lbs	150/120 Kg
Tear Strength-Trapez ASTM D 4533	120/130 lbs	55/60 Kg
Adhesion ASTM D 751 or HF Welding	15 lbs/inch	13.5 Kg/5cm
Dimens Stability ASTM D 1204-100°C (212°F) 1 hour	0.4%	0.4%
Cold Crack/Bend ASTN D 2136	-40°F	-40°C
Flame Resistance Fed. Std 191-5903	≤ 2 seconds after flame ≤ 3.5 inch char length	≤ 2 seconds after flame ≤ 8.9 cm char length
The Membrane Meets UL 214, NFPA 701, Cal.	Fed. Marshall req., DIN 4102	and CAN/ULC -5109
Weathering-5000 hours ASTM G 154-UVA 8 hrs 60°C, 4 hrs. Cond. 50°C	Very slight color change	
Gloss Gardner-Glossmeter (units) at 45° 60°	Acrylic=38 PVDF=43 Acrylic=54 PVDF=64	Acrylic=38 PVDF=43 Acrylic=54 PVDF=64
Welded Seam Strength	350 lbs/inch	160 Kg/2.5 cm
Thermal Conductivity Definition=Rate of transfer of Heat by Conduction through one cm thickness for one sq. cm Surface area at ΔT of one °C	≈3.0 x 10 ⁻⁵ cal·sec·°C (±3.5 x 10 ⁻⁴ cal/cm·sec·°C)	

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