

Marine Press Polished Sheet

Continental coating is specifically engineered to provide a superior scratch resistant barrier without compromising the hand or flexibility of the sheet. This unique chemistry also gives the Continental sheet exceptional chemical and stain resistance.

Product Overview

Description	Scratch resistant single, double and triple ply press polished PVC available from 20 to 80 mil (0.5 - 2.0mm).
Applications	Flexible glass-like windows for marine applications and various other uses including protective masks, exterior signage, awnings and industrial applications.
Processing	Cut & sew

Dimensional & Weight Properties

Thickness	Various - typically 20 to 80 mil (0.5 - 2.0 mm)
Density	1.30 +/- 0.05 g/cm ³
Mass	1,300 g/m ² (nominal for 40 mil construction)
Dimensions	54 x 110 inches <i>Tolerance +/- 2"</i>

Physical Properties

Elongation	>300%	ASTM D412
Tensile Strength	>3,000 psi	ASTM D412
Tear Strength	>500 ppi	ASTM D1004
Low Temperature Impact	-20°C	SAE J323-A
Dimensional Stability	≈1%	ASTM D1204 (15m at 100°C)

Colorfastness & Surface Durability

Chemical Resistance	Pass	ANSI SAE Z26.1, Tests 19 & 20
Luminous Transmittance	≈85 - 87% (clear vinyl), ≈17 - 20% (charcoal)	ASTM D1003
Haze	≈1% (clear vinyl)	ASTM D1003

Additional Properties

Volatile Loss	<1%	CLP463-DD-04-01
Durometer (Hardness)	53 +/- 3	ASTM D2240 (D scale)
Flammability	Self-Extinguishing	FMVSS 302
Flammability	Does Not Ignite (Meets Class I, CS 191-53)	CAL 117 E

Properties listed do not constitute a warranty or specification. Test values are based on material conditioned and tested in a controlled laboratory using established standards and procedures. Properties vary based on embossed grain, color, multi-ply lamination and other variables.



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