

# 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

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

## Dimensional & Weight Properties

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

## Physical Properties

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

## Colorfastness & Surface Durability

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

## Additional Properties

<b>Volatile Loss</b>	<1%	CLP463-DD-04-01
<b>Durometer (Hardness)</b>	53 +/- 3	ASTM D2240 (D scale)
<b>Flammability</b>	Self-Extinguishing	FMVSS 302
<b>Flammability</b>	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.

