

Personal Protection Press Polished Sheet



Continental optically clear press polished vinyl is also available in clear, green, charcoal and smoke tint. This product is manufactured in individual sheets in a variety of thicknesses and dimensions up to jumbo sheets of 54 × 110 inches.

Certifications & Regulatory Standards

REACH	Compliant
RoHS	Compliant
Cal Prop 65	Compliant

Product Overview

Description	Press polished PVC Sheets
Application	Varlous applications including protective masks, containment hoods, and industrial applications.
Processing	RF welding, cut & sew

Dimensional, Color & Weight Properties

Thickness	20 to 60 mil (0.50 - 1.52 mm)
Density	1.30 +/- 0.05 g/cm ³
Mass	1,300 g/m ² (nominal for 40 mil construction)
Dimensions	Various-typical sizes include 24 × 54, 29 × 62, 29 × 68, 54 × 110 inches
Colors	Clear, Green Tint, Charcoal Tint, Smoke Tint

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

Xenon Weathering	>95% clarity retention	ANSI SAE Z261, Test 16
Chemical Resistance	Pass	ANSI SAE Z261, Tests 19 & 20
Luminous Transmittance	≈85 - 87% (clear vinyl)	ASTM D1003
Haze	≈1% (clear vinyl)	ASTM D1203

Additional Properties

Volatile Loss	<1%	CLP463-DD-04-01
Durometer (Hardness)	53 +/- 3	ASTM D2240 (D scale)
Burn Rate	Non-Sustaining Flame	ANSI Z26.1, Test 23
Flammability	Self-Extinguishing	FMVSS 302
Flammability	Does Not Ignite (Meets Class I, CS 191-53)	CAL 117 E
Flammability	Complies	NFPA 701-89 (small scale)

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.

