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

**Product Overview**

| Description | Single, double and triple ply press polished PVC available in clear and various tints, 20 to 50 mil (0.5 - 1.3mm).
| Applications | Flexible glass-like windows for automotive and marine applications and various other uses including protective masks, exterior signage and industrial applications.
| Processing | RF welding, cut & sew

**Dimensional & Weight Properties**

| Thickness | Various - typically 20 to 60 mil (0.5 - 1.5 mm)
| Density | 1.30 +/- 0.05 g/cm³
| Mass | 1,300 g/m² (nominal for 40 mil construction)
| Dimensions | Various typical sizes include 24 x 54, 29 x 62, 29 x 68

**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 Z26.1, Test 16
| 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)
| 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

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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