



CurvaLam®

Product description:

CurvaLam is a 3-mil cast vinyl cold-laminating film with an optically clear, permanent pressure-sensitive adhesive. Designed to protect and prolong the life of printed images for window applications, CurvaLam is made of high-quality, 100% polymeric face stock. CurvaLam is rated for outdoor durability up to 2 years for external applications and 5 years for internal applications.

Areas of use:

- Protective overlamine for CLEAR FOCUS One Way Vision™ calendered window graphics films.
- Also compatible with cast print media.
- Glass or transparent surfaces that are flat or have simple curves.

Standard roll sizes:

36, 54 & 60 in x 100 ft; 54 in x 25 ft (91.44, 137 & 152 cm x 30.48 m; 137 cm x 7.62 m)

CLEAR FOCUS CurvaLam®

Optically Clear Cast PVC Overlaminating Film

Technical Data and Typical Characteristics

Product Code: CFCVL

PROPERTY	TEST METHODS	TYPICAL VALUE
Surface Finish	Gloss Meter 60° Reflection	60-90% (crystal)
Film Thickness (including adhesive)	Micrometer, Federal Bench Type	Approx. 3 mils (76.2 microns/0.003 in)
Release Liner Thickness		Approx. 1.5 mils (38.1 microns/0.0015 in)
Tensile Strength	Tensile Tester with 2-in (51 mm) jaw separation; crosshead speed of 12 in/min.(5.1 mm/s), web direction	≥4.5 lb/in (≥ 0.8 kg/cm)
Elongation	Instron Tensile Tester as above	≥150%
Shelf Life		2 years from ship date when stored at 70° F (21° C) and 50% relative humidity.
Application Temperature Range	On clean, dry substrate (flat)	40° F to 100° F (4.4° C to 38° C)
Service Temperature Range	On clean, dry substrate	0° F to 140° F (-17° C to 60° C)
Dimensional Stability	158°F (70°C), 48 hours	5 mils (127 microns/0.005 in)
Peel Adhesion	PSTC-101, 15 min, 70°F (21°C)	3.5 lbs/in (0.625 kg/cm)
Liner Release	TLMI Release at 90°, 300 in/min (760 cm/min)	35 g/2 in width (7 g/1 cm width)

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