



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)

Subject to change without notice

The above information is based on tests believed to be reliable and is presented for reference and illustration of general product characteristics only. The information does not constitute a representation or warranty relating to the suitability or fitness for a particular application or otherwise create guarantees of product performance. In all cases, purchasers should independently determine, prior to use, the suitability of this product for their specific application. CLEAR FOCUS cannot be held liable for any misuse, damage or losses as specified in its warranty.

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