



# 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)          |

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.

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