

CLEAR FOCUS CurvaLam™
Clear Cast PVC Overlaminating Film With Polyester Liner
PRODUCT DATA SHEET

Product Description

CurvaLam is a 2-mil cast vinyl 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. This product is designed as an optically clear overlaminate for window films.

Areas of Use:

- Protective overlaminate for CLEAR FOCUS One Way Vision™ calendared window graphics films
- Also compatible with cast print media
- Any glass or transparent surface
- Perforated window-film overlaminate for surfaces that are flat or have simple curves

PERFORMANCE AND PHYSICAL DATA

PROPERTY	TEST METHODS	TYPICAL VALUE
SURFACE FINISH	Gloss Meter 60° Reflection	60-90% (crystal)
THICKNESS (including adhesive)	Micrometer, Federal Bench Type	0.0031 in 0.08 mm
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	Free from excessive moisture, temperature, direct sunlight	2 years from factory shipment
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	-40°F to 175°F -40°C to 79°C
DIMENSIONAL STABILITY	158°F (70°C), 48 hours	5 mils 0.13 mm
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/cm width

The above information 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, customers should independently determine the suitability of this product for their specific application before use.

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