



Product Data Sheets

TRANSLUCENT VINYL FILMS

GENERAL DESCRIPTION:

The Translucent Series is a premium, high performance cast vinyl film engineered with excellent weathering and ageing characteristics. It can be used to produce graphics or background colours for awnings, flexible sign face materials, and glass, acrylic, polycarbonate signs or window substrates where daylight highlights the bright colours and backlighting illuminated films at night.

PRODUCT DATA	VALUE	TEST METHOD
PHYSICAL PROPERTIES		
Outdoor Durability	Seven (7) years ¹ (vertical exposure unprinted film)	
Thickness -mil (micron)	Adhesive:	0.9-1.0 (23-25) +/- 0.1 (3)
	Film:	2.1 (54) +/- 10%
	Liner:	78# White Bleached Kraft
ASTM D 3652		
Application Surface	Flat and simple curves	
Service Temp. Range	-50°F to 225°F (-46°C to 107°C)	
Min. Application Temp. ²	50°F (10°C)	
Shelf Life	Two (2) years stored at 73°F (23°C) and 50% +/- 5% R.H.	
Dimensional Stability (%)	-0.015 in. (0.4 mm)	On Al panel at 150°F (65°C) for 24 hr.
Printability	Conventional and UV - Flat and rotary screen printing ³	
Adhesion Value ⁴	20 min.	24 hrs.
	Stainless Steel 38 oz/in (418 N/m)	56 oz/in (616 N/m)
Flammability	Self-extinguishing	
Chemical Resistance	Chemical	Effect
	Anti-freeze (24 hrs.)	No Effect
	Detergent (24 hrs.)	No Effect
	SAE 20 Motor Oil (24 hrs.)	No Effect
	Gasoline (1 hr.)	No Effect
	10% HCL (10 min.)	No Effect
	10% NH ₄ OH (10 min.)	No Effect

1. May be reduced by extreme climate exposure. 2. Surface/Ambient Air. 3. Always pre-test inks and method. 4. 180° peel at 10 in/min based on three production run.; tested as per ASTM 1000.

Product Performance and Suitability

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