

SIGNMAX® POLYTRANS PET BACKLIT FILM

Technical Data Sheet

Product Description

- A gloss white solvent printable (outside surface) PET backlit, non-adhesive film designed to diffuse light evenly across advertising and display graphics, making them eye catching for up to 2 years.

Recommended Uses

- Transit Advertising
- Backlit Displays
- Light Boxes

Durability

- 2 Years

Construction

Media Thickness	0.25 mm
Media Width	50" & 60"
Media Length	147'

Properties of Material		Description/Unit	Specification						
Substrate		Base	PET						
		Thickness	0.25 mm						
		Gloss Level	Gloss						
Physical Properties	Test Method	Unit	Value						
Average Thickness	ASTM-D-374	MICRON	50	75	100	125	175	190	250
		GAUGE	200	300	400	500	700	760	1000
Thickness Variation	ASTM-D-374	MICRON	±2	±2	±3	±3	±4	±4	±5
		GAUGE	200	300	400	500	700	760	1000
Tensile Strength	ASTM-D-882	KG/MM2	MD		TD				
			18.0	17.0	20.0 (50-125 MICRON)				
		PSI	25000		28000 (50-125 MICRON)				
			24000		28000 (17-250 MICRON)				
Elongation	ASTM-D-882	%	MD		TD				
			90 MIN		80 MIN				
Coefficient of Friction	ASTM-D-1894	%	STATIC		KINETIC				
			0.55		0.5				
Haze	ASTM-D-1003	%	1.3	1.5	1.7	1.9	2.2	2.5	4.5
Total Luminous Transmission	ASTM-D-1003	%	90	90	90	89	89	89	88
Shrinkage at 105°C for 30 Minutes	ASTM-D-1204	MD	TD						
			2.5						
			0.5						