

# 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	49 Yards

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					
Coefficient of Friction	ASTM-D-1894	%	90 MIN		80 MIN					
			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					