

Technical Specifications

CiFrosted vinyl is a 3.0 mil gloss polymeric light glass etch vinyl coated with a permanent solvent acrylic pressure-sensitive adhesive on a 78# clay coated liner. This product is designed to give the frosted effect or an impression of etched, cut or sandblasted glass. CiFrosted is designed for roll-fed plotter cut vinyl graphics as well as sheeted material.

FILM	
Film Type	Etched Polymeric Vinyl
Film Thickness (mils/ μ m)	3.0 / 76 (+/- 10%)
Film Weight (gsm)	95
Gloss (60°)	≤ 10
Opacity (%)	25
Tensile Strength (lbs/in)	MD ≥ 3000 / CD ≥ 2800
Elongation (%)	MD ≥ 180 / CD ≥ 200
Dimensional Stability (FTM 14)	MD < 0.50 mm / CD ≤ 0.30 mm
ADHESIVE	
Adhesive Type	Solvent Acrylic
Adhesive Thickness (mils/ μ m)	0.8-1.0 / 20-25
Adhesive Color	Clear
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 15 min	2.5 / 11
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 24 hrs	4.5 / 20
Peel Strength on Glass (lbs/in) / (N/25mm) 24 hrs	4.0 / 18
Peel Strength on Glass (lbs/in) / (N/25mm) 24 hrs	4.5 / 20
LINER	
Liner Weight (#/gsm)	78 / 127
Liner Type	White Clay Coated Kraft
Liner Thickness (mils/ μ m)	4.5 / 114
Release Force @ 360" / min (g/2")	75-125
PERFORMANCE GUIDANCE	
Application Temperature	$\geq +40$ °F
Service Temperature	-40 °F to 200 °F
Shelf Life	1 year
Storage Temp / Rel. Humidity	70 °F / 50%
Outdoor Durability	Up to 7 years