

## Technical Specifications

CiPerf is a 6.0 mil perforated high performance vinyl film with a white print side and a black see through side coated with a clear low tack repositionable removable solvent acrylic pressure sensitive adhesive designed for exterior/outside mounted one way view-through window graphics. The vinyl will accept a variety of wide format digital printing inks including solvent, eco-solvent, UV and Latex. The dual layflat liner construction, perforated/solid liner, offers good dimensional stability in a variety of ambient conditions and is cross compatible with wide-format digital inkjet printer platforms including UV. The adhesive is designed to cleanly remove from glass with little to no adhesive residue.

FILM	
Film Type	White/Black Perforated Vinyl
Film Thickness ( mils/ $\mu$ m)	6.0 / 152 (+/- 10%)
Film Weight (gsm)	170
Gloss (60°)	N/A
Opacity (%)	N/A
Tensile Strength (lbs/in)	N/A
Elongation (%)	N/A
Dimensional Stability (FTM 14)	MD $\leq$ 0.30 mm / CD $\leq$ 0.30 mm
ADHESIVE	
Adhesive Type	Solvent Acrylic
Adhesive Thickness ( mils/ $\mu$ m)	0.8-1.0 / 20-25
Adhesive Color	Clear
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 15 min	1.6 / 7.0
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 24 hrs	2.6 / 11
Peel Strength on Glass (lbs/in) / (N/25mm) 15 min	3.0 / 13
Peel Strength on Glass (lbs/in) / (N/25mm) 24 hrs	3.0 / 13
LINER	
Liner Weight ( #/gsm )	118 / 192
Liner Type	Dual Layer (Perforated/Solid) White 2-Sided PE-Coated Kraft
Liner Thickness ( mils/ $\mu$ m)	9.2 / 235
Release Force @ 300" / min (g/2")	100-500
PERFORMANCE GUIDANCE	
Application Temperature	$\geq$ +40 °F
Service Temperature	0 °F to 150 °F
Shelf Life	1 year
Storage Temp / Rel. Humidity	70 °F / 50%
Outdoor Durability	Up to 2 years
Removability	Up to 1 year