

**TECHNICAL
DATA
SHEET**
**GF 116
SCREEN & OFFSET
1.0 MIL CLEAR POLYESTER
CLEAR DOUBLE-SIDED ADHESIVE**

A double-coated pressure sensitive 1.0 mil clear polyester film with a high-tack permanent adhesive on one side and a high-tack removable adhesive on the opposite side. The 4.5 mil clear air-egress PET liner is printed with "Remove to Expose Adhesive" on the removable adhesive side. The air -gress liner assures smooth bubble-free application (NOTE: Air-Egress adhesives are DRY APPLY ONLY). The clear liner allows the graphics to be viewed after lamination. This product is designed for laminating thin flexible plastic films and papers commonly found in graphics for temporary application to glass. The high-tack permanent (HTAP) adhesive is protected by a 1.5 mil clear polyester liner. This clear mounting film can be laminated by the cold laminating process without the addition of heat.

PRODUCT NAME	GF 116
FILM	
Film Type	Clear Polyester Carrier
Film Thickness (mils/μm)	1.0 mil / 25 μm (+/- 10%)
Film Weight (gsm)	30
Gloss (60°)	Not applicable
Opacity (%)	Not applicable
ADHESIVE	
Adhesive Type	Removable / Permanent
Adhesive Color	Clear
Adhesive Thickness (mils/μm)	(Removable) 0.6-0.8, (Permanent) 0.8-1.0 mil / (Removable) 15-20, (Permanent) 20-25 μm
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 15 min	Removable 0.5-1.0 / 2.2-4.4, Permanent 1.0 / 4.4
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 24 hrs	Removable 0.8-1.2 / 3.5-5.3, Permanent 2.1 / 9.2
Peel Strength on Glass (lbs/in / N/25mm) 15 min	Removable Side 0.7-1.3 / 3.1-5.7
Peel Strength on Glass (lbs/in / N/25mm) 24 hrs	Removable Side 0.7-1.3 / 3.1-5.7
LINER	
Liner Weight (#/gsm)	Not applicable (+/- 10%)
Liner Type	(Removable) Clear Printed Polyester/Air-egress / (Permanent) Clear Polyester
Liner Thickness (mils/μm)	Removable 4.5, Permanent 1.5 mil / Removable 114, Permanent 38 μm
Release Force @ 300" / min (g/2")	Removable 55-85 / Permanent 20-30
PERFORMANCE GUIDANCE	
Application Temperature	≥ +40 degrees F
Service Temperature	-40 to 180 degrees F
Shelf Life	1 year
Storage Temp / Rel. Humidity	70 degrees F / 50%
Outdoor Durability	Up to 1 year
Long-Term Removability	Up to 6 months