

TECHNICAL DATA SHEET

GF 118 SCREEN & OFFSET 1.0 MIL POLYESTER CLEAR DOUBLE-SIDED ADHESIVE

A double-coated pressure sensitive 1.0 mil clear polyester film with a permanent adhesive on one side and a removable adhesive on the other side. The two-liner construction has a 1.2 mil clear polyester liner printed on one side with "Remove to Expose Adhesive" to identify the removable adhesive and allows the graphics to be viewed after lamination. The other side has a 1.5 mil clear polyester liner for added clarity and wet out (permanent adhesive side). This product is designed for laminating thin flexible plastic films and papers commonly found in graphics for temporary application to glass. The clear mounting film can be laminated by a cold laminating process without the addition of heat.

PRODUCT NAME	GF 118
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)	0.8-1.0 mil / 20-25 μm
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 15 min	Removable 0.02-0.08 / 0.09-0.35, Permanent 1.0 / 4.4
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 24 hrs	Removable 0.04-0.10 / 0.18-0.44, Permanent 2.1 / 9.2
Peel Strength on Glass (lbs/in / N/25mm) 15 min	Removable Side 0.05-0.15 / 0.22-0.66
Peel Strength on Glass (lbs/in / N/25mm) 24 hrs	Removable Side 0.05-0.15 / 0.22-0.66
LINER	
Liner Weight (#/gsm)	Not applicable (+/- 10%)
Liner Type	(Removable) Clear Printed Polyester / (Permanent) Clear Polyester
Liner Thickness (mils/μm)	Removable 1.2, Permanent 1.5 mil / Removable 30, Permanent 38 μm
Release Force @ 300" / min (g/2")	Removable 15-25 / 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 6 months
Long-Term Removability	Up to 6 months