

TECHNICAL DATA SHEET

GF 116 MOUNTING FILM (AE)

1.0 MIL CLEAR POLYESTER
CLEAR DOUBLE SIDED ADHESIVE

GF 116 is 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 other side. GF 116 has a 4.5 mil clear air egress PET liner printed with "Remove to Expose Adhesive" on the removable adhesive side. This air egress 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 with GF 116. 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	116
FILM	
Film Type	Clear Polyester
Film Thickness (mils/μm)	1.0 / 25 (+/- 10%)
Film Weight (gsm)	32
Gloss (60°)	N/A
Opacity (%)	N/A
Dimensional Stability	N/A
ADHESIVE	
Adhesive Type	Solvent Acrylic (Remov. Side) / Emulsion Acrylic (Perm. Side)
Adhesive Thickness (mils/μm)	Remov. Side: 0.6-0.08 / 15-20 Perm. Side: 0.8-1.0 / 20-25
Adhesive Color	Clear
Peel Strength on Stainless Steel (lbf/in) / (N/25mm) 15 min	Remov. Side: 0.5-1.0 / 2.2-4.4 Perm. Side: 1.0 / 44
Peel Strength on Stainless Steel (lbf/in) / (N/25mm) 24 hrs	Remov. Side: 0.8-1.2 / 3.5-5.3 Perm. Side: 2.1 / 9.2
Peel Strength on Glass (lbf/in) / (N/25mm) 15 min	Remov. Side: 0.7-1.3 / 3.1-5.7
Peel Strength on Glass (lbf/in) / (N/25mm) 24 hrs	Remov. Side: 0.7-1.3 / 3.1-5.7
LINER	
Liner Weight (#/gsm)	N/A
Liner Type	Clear Printed Polyester/Air-egress (Remov. Side) / Clear Polyester (Perm. Side)
Liner Thickness (mils/μm)	Remov. Side: 4.5 / 114 Perm. Side: 1.5 / 38
Release Force @ 300" / min (g/2")	Remov. Side: 55-85 Perm. Side: 20-30
PERFORMANCE GUIDANCE	
Application Temperature	≥+40 °F
Service Temperature	-40 °F to 180 °F
Shelf Life	1 year
Storage Temp / Rel. Humidity	70 °F / 50%
Outdoor Durability	1 year
Removability	6 months

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PRODUCT SNAPSHOT	APPLICATIONS	INK TYPE
APPLICATION <ul style="list-style-type: none"> ● WET APPLY (PERMANENT SIDE) ● DRY APPLY (AIR-EGRESS SIDE) ● MOUNTING ○ LAMINATING ○ DIE CUTTABLE ○ HOT KNIFE ○ THERMAL DIE ○ FLATBED CUTTABLE 	<ul style="list-style-type: none"> ● POP/RETAIL ○ WALL ○ WRAP ● WINDOW ○ FLOOR ○ TRANSLUCENT ○ FLEET ● GENERAL SIGNAGE ● OUTDOOR (SHORT TERM) 	<ul style="list-style-type: none"> ○ SOLVENT ○ ECO-SOLVENT ○ LATEX ○ UV CURABLE ○ SCREEN ○ OFFSET
SUBSTRATES <ul style="list-style-type: none"> ○ OEM PAINTED METAL ● GLASS ○ POLYESTER ○ LOW-ENERGY SURFACES ● ACRYLIC ○ PVC 		

FAQS

How do I know which side to apply to the printed graphic and which side is the removable side?	The permanent side goes on the printed graphic. The Removable side will have blue text on it. When you are finished applying the 116 permanent side to the graphic, there will be text with the words "REMOVE TO EXPOSE ADHESIVE" on the face of the printed graphic. This is the removable side that is applied to the glass surface.
What types of applications is GF 116 good for?	GF 116 is intended for application to glass, but may be used on other substrates, test for your specific uses. GF 116 can be used with graphic film and paper laminations and it is not a structural mounting tape. GF 116 is designed to produce two sided decals using digital prints, screen printed and other printed images for application to glass. These decals are cleanly removable. In all cases the substrates must be clean and free of dust, dirt and oil. This product is not recommended for tinted or laminated windows.