

TECHNICAL DATA SHEET

GF 118 MOUNTING FILM

1.0 MIL POLYESTER
CLEAR DOUBLE SIDED ADHESIVE

GF 118 is 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. GF 118 is a two liner construction. One side has a 1.2 mil clear polyester liner printed 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. GF 118 clear mounting film can be laminated by a cold laminating process without the addition of heat.

PRODUCT NAME	118
FILM	
Film Type	Clear Polyester
Film Thickness (mils / μ m)	1.0 / 25.4
Film Weight (gsm)	32
Gloss (60°)	N/A
Opacity (%)	N/A
Dimensional Stability	N/A
ADHESIVE	
Adhesive Type	Emulsion Acrylic (both sides)
Adhesive Thickness (mils/ μ m)	0.8 to 1.0 / 20-25
Adhesive Color	Clear
Peel Strength on Stainless Steel (lbf/in) / (N/25mm) 15 min	Remov. Side: 0.02-0.08 / 0.09-0.35 Perm. Side: 1.0 / 4.4
Peel Strength on Stainless Steel (lbf/in) / (N/25mm) 24 hrs	Remov. Side: 0.04-0.10 / 0.18-0.44 Perm. Side: 2.1 / 9.2
Peel Strength on Glass (lbf/in) / (N/25mm) 15 min	Remov. Side: 0.05-0.15 / 0.22-0.66
Peel Strength on Glass (lbf/in) / (N/25mm) 24 hrs	Remov. Side: 0.05-0.15 / 0.22-0.66
LINER	
Liner Thickness (mils/ μ m)	Remov. Side: 1.2 / 30 Perm. Side: 1.5 / 38
Liner Type	Remov. Side: clear printed polyester Perm. Side: clear polyester
Release Force @ 300" / min (g/2")	Remov. Side: 15-25 Perm. Side: 20-30
PERFORMANCE GUIDANCE	
Application Temperature	$\geq +30$ °F
Service Temperature	-40 °F to 180 °F
Shelf Life	1 year
Storage Temp / Rel. Humidity	70 °F / 50%
Outdoor Durability	6 mo.

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PRODUCT SNAPSHOT	APPLICATIONS	INK TYPE
APPLICATION <input type="radio"/> WET APPLY <input type="radio"/> LAMINATING <input checked="" type="radio"/> MOUNTING <input type="radio"/> HOT STAMP <input type="radio"/> DIE CUTTABLE <input type="radio"/> HOT KNIFE <input type="radio"/> THERMAL DIE <input type="radio"/> FLATBED CUTTABLE	<input checked="" type="radio"/> POP/RETAIL <input type="radio"/> WALL <input type="radio"/> WRAP <input checked="" type="radio"/> WINDOW <input type="radio"/> FLOOR <input type="radio"/> TRANSLUCENT <input type="radio"/> FLEET <input checked="" type="radio"/> GENERAL SIGNAGE <input checked="" type="radio"/> OUTDOOR (SHORT TERM)	<input type="radio"/> SOLVENT <input type="radio"/> ECO-SOLVENT <input type="radio"/> LATEX <input type="radio"/> UV CURABLE <input type="radio"/> SCREEN <input type="radio"/> OFFSET
SUBSTRATES <input type="radio"/> OEM PAINTED METAL <input checked="" type="radio"/> GLASS <input type="radio"/> POLYESTER <input type="radio"/> LOW-ENERGY SURFACES <input type="radio"/> ACRYLIC <input type="radio"/> PVC		

FAQS

How do I know which side to apply to the printed graphic?	The side that is opposite the printed liner side is the permanent adhesive side.
Which side is the removable side?	When you are finished applying the 118 film, you will have a graphic that will have the words "REMOVE TO EXPOSE ADHESIVE" on the face of the printed graphic. This is the side that is applied to the glass surface.
Is this product clear?	GF 118 has good clarity, but is not considered "optically clear".