

TECHNICAL DATA SHEET

GF 113 MOUNTING FILM

1.0 MIL CLEAR POLYESTER

CLEAR DOUBLE-SIDED ADHESIVE (SELF-WOUND)

GF 113 is a double-coated pressure sensitive 1.0 mil clear polyester film with permanent adhesive on one side and removable adhesive on the other side. GF 113 is self wound on a 1.25 mil clear polyester liner printed with "Remove to Expose Adhesive" to identify the removable adhesive. This clear liner allows the graphics to be viewed after application of the 113 mounting adhesive. This product is designed for laminating thin flexible plastic films and papers commonly found in graphics for temporary application to glass. The permanent adhesive is exposed when the product is unwound leaving the removable adhesive protected by the liner. This clear mounting film can be laminated by the cold laminating process without the addition of heat.

PRODUCT NAME	113
FILM	
Film Type	Clear Polyester
Film Thickness (mils/ μ m)	1.0 / 25
Film Weight (gsm)	32
Gloss (60°)	N/A
Opacity (%)	N/A
Dimensional Stability	N/A
ADHESIVE (BOTH SIDES)	
Adhesive Type	Emulsion Acrylic
Adhesive Thickness (mils/ μ m)	0.8-1.0 / 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 Weight (#/gsm)	N/A
Liner Type	Clear Printed Polyester, Silicone both sides
Liner Thickness (#/gsm)	1.2 / 30
Release Force @ 300" / min (g/2")	15-25
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 months
Removability	6 months

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PRODUCT SNAPSHOT	APPLICATIONS	INK TYPE
APPLICATION <ul style="list-style-type: none"> <input type="radio"/> WET APPLY <input checked="" type="radio"/> DRY APPLY <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 	<ul style="list-style-type: none"> <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) 	<ul style="list-style-type: none"> <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 <ul style="list-style-type: none"> <input type="radio"/> OEM PAINTED METAL <input checked="" type="radio"/> GLASS <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?	GF 113 is "Self Wound" on the roll, which means it only has one liner. The exposed adhesive side goes toward the graphic.
Which side is the removable side?	When you are finished applying the 113 film to your graphic, you will have a finished piece 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 GF 113 product clear?	The GF113 has good clarity, but is not considered "optically clear".
What types of applications is GF 113 good for?	This clear mounting film is designed to mount digital prints, screen printed and other printed images to glass to produce a cleanly removable graphic. In all cases the substrates must be clean and free of dust, dirt and oil.