



Film Products

Product Data Sheet

Front Mounting Adhesive (FMA)

September 2021

Product Description	Clear Polyester carrier/ Acrylic copolymer adhesive/ Siliconized Polyester liners	
Base Material Carrier	Optically clear Polyester	
	Thickness	1.4 mil (36 μ) \pm 5%
	Weight	50 gsm \pm 5%
Adhesive #1	Permanent clear Solvent-Based Acrylic	
	pH value	approx. 7.0 Neutral
	Thickness	1.0 mil (25 μ) \pm 5
	180° Peel Adhesion (kg/inch) (method: PSTC-101)	1kg/inch
	0° Shear strength (hr./inch) (method: PSTC-107)	54hrs/inch
Adhesive #2	Permanent clear Solvent-Based Acrylic	
	pH value	approx. 7.0 Neutral
	Thickness	1.0 mil (25 μ) \pm 5
	180° Peel Adhesion (kg/inch) (method: PSTC-101)	>1kg/inch
	0° Shear strength (hr./inch) (method: PSTC-107)	>54hrs/inch
Release Liner #1	Type of Release Liner	Siliconized clear polyester
	Thickness of Release Liner	1.4 mil (36 μ) \pm 5%
Release Liner #2	Type of Release Liner	Siliconized clear polyester
	Thickness of Release Liner	1.4 mil (36 μ) \pm 5%
Heat Resistance	Temperature range	+15° C to 35° C/ 59° F to 95° F
Storage conditions	18° C to 23° C / 66° F to 74° F; 50% relative humidity	
Shelf life	1 year when stored at 18° to 25°C (60° to 80° F) at 40-65% humidity in original package	
Durability	Up to two years, vertical exposure outdoors	

Mounting Adhesive is suitable for short to medium term indoor or outdoor signage on flat or slightly curved surfaces with vertical exposure and application temperatures of 40° F to 176° F. Bond strength is dependent upon the amount of adhesive to the mounting surface contact that is developed. Firm application pressure and moderate heat will assist the adhesive in developing contact with the mounting surface. For optimum adhesive, the mounting surface must be clean and dry.

Durability estimates do not apply to the printed image. They are based on accelerated aging tests and outdoor exposure, under conditions experienced in vertical exposure and in "normal" temperate climates. Exposure to severe humidity and ultraviolet light as in Southern States or desert regions will cause rapid deterioration. This also applies to polluted areas, high altitude, horizontal and/ or south-facing exposure. Because of these varying climate conditions there is no standard outdoor life durability; it is only a reference for choosing the proper product.

Important Notice

Gfp products are warranted to be free from defects in material and workmanship (see Gfp Product Warranty statement). Product information is based on research the company believes to be reliable; however, such information is given without guarantee and does not constitute a warranty. Purchasers should undertake their own evaluation of the product prior to use to independently determine the suitability of the product to their specific application and the purchaser shall assume all risks regarding such use.



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