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Product Data Sheet

White Mount Adhesive

July 2020

Product Name	White Mount Adhesive (WMA)	
Product Description	White Polypropylene carrier (BOPP)/Acrylic copolymer/Siliconized paper	
Base Material Carrier	Polypropylene	White BOPP
	Thickness	3.0 mil (75 mic ± 5%)
	Weight	45 g/m² ± 5%
	Opacity	87%
	Tear Resistance - Machine Direction (MD) (method: ASTM D-470)	>55 N/mm²
	Tear Resistance - Transverse Direction (TD) (method: ASTM D-470)	>110 N/mm²
	Tensile Strength - Machine Direction (MD) (method: ASTM D-638)	7,977 PSI
	Tensile Strength - Transverse Direction (TD) (method: ASTM D-638)	16,244 PSI
	Shrinkage - Machine Direction (MD) (method: ASTM D-1204)	0%
	Shrinkage - Transverse Direction (TD) (method: ASTM D-1204)	0%
Adhesive #1	Water based - Polyacrylate dispersion	Permanent
	pH-value	approx. 7.0
	Thickness	1 mil (25 mic ± 5)
	Adhesive Strength - 180° Peel (method: AFERA 4001) (N/25 mm)	10 min >7 24 hrs. > 11
Adhesive #2	Water based - Polyacrylate dispersion	Permanent
	pH-value	approx. 7.0
	Thickness	1 mil (25 mic ± 5)
	Adhesive Strength - 180° Peel (method: AFERA 4001) (N/25 mm)	10 min >7 24 hrs. > 11
Release Liner	Bleach White Kraft Paper	Silicone 2-side coated
	Thickness	3 mil (76 mic) ±5
	Release Liner Weight	88 g/m² (60#) ± 3%
	Removal Force (speed 300 mm/min.)	20-45 mN/cm
	Tear Resistance - Machine Direction (MD) (method: DIN EN 21974)	245 mN
	Tear Resistance - Transverse Direction (TD) (method: DIN EN 21974)	265 mN
	Tensile Strength - Machine Direction (MD) (method: EN ISO 1924-2)	5 kN/m
	Tensile Strength - Transverse Direction (TD) (method: EN ISO 1924-2	2.3 kN/m
Processing Temperature	Processing Temperature range	41º to 104º F (4º to 40º C)
Heat Resistance	Appliction Temperature range	32° to 212° F (0° - 100° C)
Storage conditions	64º to 77º F (18º to 25º C); 40-65% relative humidity	
Shelf life	1 year in storage conditions	
Durability	Up to 2 years, vertical exposure	

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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DIGITAL PRINTER GROUP
9240 Manchester Road • St. Louis, MO 63144
314-968-3650 • 800-366-7244 dpg.schillers.com