



.002 mil White PET/Permanent/90#
 MGX-1041
 12" x 18"

- 2.0 mil gloss white polyester provides consistent surface smoothness, excellent dimensional stability and endurance to varying temperatures
- Aggressive permanent acrylic pressure-sensitive adhesive bonds well to low- and high-surface energy plastics, painted metal, powder-coated paint, polycarbonate, and fiberglass
- End use applications include: Compliance Labels, Warning and Instructional Labels, Nameplates, Brand Identity Labels, Warehouse WIP Labels, Shelf Marking, Supply Chain Management

PRODUCT DATA		VALUE	TEST METHOD
Physical Properties			
Thickness (Mils[microns])	Film	2.0 (51) +/- 10%	ASTM D 3652 (Modified for use with non-tape products)
	Adhesive	0.9-1.0 (23-25) +/- 0.1 (3)	
	Liner	6.9 (175) +/- 10%	
Dimensional Stability (%)	No Shrinkage Observed		Applied Shrinkage: 24 hour dwell time on aluminum panel then 24 hours at 160°F (71°C)
Adhesion Properties			
Ultimate Peel from	Average		ASTM D 903 (Modified for 72 hour dwell time)
	Oz/In	(N/m)	
ABS	60	(660)	
Acrylic	77	(847)	
Acrylic Powder Paint	59	(649)	
Aluminum	54	(594)	
Epoxy Powder Paint	67	(737)	
Glass	68	(748)	
HDPE	32	(352)	
Painted Metal	57	(617)	
Polycarbonate	58	(648)	
Polyester	87	(957)	
Polyester Powder Paint	55	(605)	
Polypropylene	15	(165)	
Polyurethane Powder Paint	72	(792)	
Stainless Steel	55	(605)	
Styrene	54	(594)	
Expected Shear			ASTM D 3654 Method A a. 1 hr. dwell b. 1 sq. in. surface c. 4 lb. load
Room Temp (hours)	30		
Tack (gm/sq cm)	1030		ASTM D 2979
Expected Exterior Life	Two years		
Service Temperature Range	-40°F to 302°F (-40°C to 150°C)		
Minimum Application Temperature	50°F (10°C)		
Storage Stability	Two years when stored at 70°F (21°C) and 50% relative humidity		

Product Performance and Suitability Disclaimer

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