



.002 mil Bright Silver Metalized PET/Permanent/90# - O1S  
 MGX-2523  
 12" x 18"

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- Aggressive permanent adhesive
- Bonds well to low and high surfaces: Painted metal, powder-coated paint, and plastics
- Ideal for brand labels, electronics, appliances, automotive, and industrial equipment
- Backed with a 90# lay-flat liner

PRODUCT DATA		VALUE	TEST METHOD
<b>Physical Properties</b>			
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)
<b>Adhesion Properties</b>			
Ultimate Peel from			ASTM D 903 (Modified for 72 hour dwell time)
	Average Oz/In	Average (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 and 50% relative humidity		

**Product Performance and Suitability Disclaimer**

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