NADCO TAPES & LABELS, INC.®

"If you can imagine it, Nadco will make it stick."®

MMB

BRUSHED MYLAR

Gloss Top Coated Bright Brushed Silver Polyester-Conventional Printing

Aesthetics and durability are critical for heavy equipment nameplate/brand identity labels. Heavy equipment labeling must identify the product and its manufacturer as well as display graphic images that reinforce product branding and product quality. Pressure-sensitive labels are ideal to support high-quality printing and superior legibility. Films are able to resist a variety of environmental stresses and end uses while maintaining a secure bond for the life of the product. Pressure-sensitive adhesives are designed to bond well to a variety of challenging heavy equipment surfaces. Pressure-sensitive films and adhesives provide a critical combination of durability, aesthetic appeal and efficiency for brand identification.

Product: **Bright Brushed Silver**

Benefits:

- 2.0 mil bright brushed silver polyester provides consistent surface smoothness, excellent dimensional stability and endurance to varying temperatures
- Top coated surface is compatible with most conventional and UV ink systems (we recommend evaluating the intended ribbon and ink system for compatibility with the product under the application conditions)
- Permanent pressure-sensitive acrylic adhesive bonds well to low- and high-surface energy plastics, painted metal, powder coated paint, paint and polycarbonate
- Backed with a 50 lb. bleached kraft release liner ideal for roll-form converting
- UL recognized under UL 969 - UL File No. PGGU2.MH10170 Marking and Labeling System Materials - Component
- CSA accepted under CSA file no. 99214

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BRUSHED MYLAR cont.

PRODUCT DATA	VALUE		TEST METHOD
Physical Properties			
Thickness (Mils[microns])	Film	2.0 (51) +/- 10%	ASTM D 3652
	Adhesive	0.8-0.9 (20-23) +/- 0.1 (3)	
	Liner	3.1 (79) +/- 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	68	(748)	
Acrylic Powder Paint	47	(517)	
Aluminum	54	(594)	
Epoxy Powder Paint	62	(682)	
Fiberglass	42	(462)	
Glass	56	(616)	
HDPE	32	(352)	
Painted Metal	49	(539)	
Polycarbonate	58	(638)	
Polyester	87	(957)	
Polyester Powder Paint	15	(165)	
Polypropylene	12	(132)	
Polyurethane Powder Paint	54	(594)	
Stainless Steel	55	(605)	
Expected Shear			ASTM D 3654 Method A a. 1 hr. dwell b. 1 sq. in. surface c. 4 lb. load
Room Temp (hours)	50		
Tack (gm/sq cm)	360		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		

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