Power Tools - Nameplate/Brand ID

Gloss Topcoated Silver Matte Polyester for Rough Textured Surfaces - Conventional Printing

Aesthetics and durability are critical for power tool nameplate/brand identity labels. Power tool 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 surfaces. Pressure-sensitive films and adhesives provide a critical combination of durability, aesthetic appeal and efficiency for brand identification. ***For more information on FLEXcon's pressure-sensitive film solutions for nameplate/brand identity labels, contact your local Sales Representative or our Product Identification Business Team at (508) 885-8300.***

Product: **DPM® Silver Matte Sheet RTS**

Benefits:

- 2.0 mil silver matte polyester provides consistent surface smoothness excellent dimensional stability and endurance to varying temperatures
- Topcoated 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 condition)
- Adhesive offers high initial tack, high shear, and high ultimate bond to a wide variety of rough textured surfaces including low-surface energy plastics and painted metal
- Backed with a 90 lb. moisture stable polycoated layflat release liner ideal for sheet-form converting
- UL recognized under UL 969 - UL File No. PGGU2.MH10170 Marking and Labeling System Materials - Component
- CUL recognized under UL File No. PGGU8.MH10170 Marking and Labeling System Materials Certified for Canada - Component

DPM® Silver Matte Sheet RTS

PRODUCT DATA	VALUE		TEST METHOD
Physical Properties			
Thickness (Mils[microns])	Film	2.0 (51) +/- 10%	ASTM D 3652
	Adhesive	1.9-2.1 (48-53) +/- 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	81	(891)	
ABS Textured Side	7	(77)	
Acrylic	122	(1342)	
Acrylic Powder Paint	89	(979)	
Aluminum	102	(1122)	
Epoxy Powder Paint	111	(1221)	
Fiberglass	91	(1001)	
HDPE	42	(462)	
Metal - Heavy Textured Aluminum	8	(88)	
Metal - Light Textured Stainless Steel	96	(1056)	
Painted Metal	100	(1100)	
Polycarbonate	99	(1089)	
Polyester	95	(1045)	
Polypropylene	36	(396)	
Stainless Steel	87	(957)	
Styrene	104	(1144)	
Expected Shear			ASTM D 3654 Method A a. 1 hr. dwell b. 1 sq. in. surface c. 4 lb. load
Room Temp (hours)	75		
Tack (gm/sq cm)	410		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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FLEXcon 1 FLEXcon Industrial Park, Spencer, MA 01562-2642, Telephone (508) 885-8300 FAX (508) 885-8301 www.FLEXcon.com