

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



FLEXCON

1 FLEXcon Industrial Park, Spencer, MA 01562-2642, Telephone (508) 885-8300 FAX (508) 885-8301 www.FLEXcon.com



DPM® Silver Matte Sheet RTS

PRODUCT DATA	VALUE	TEST METHOD
Physical Properties		
Thickness (Mils[microns])	Film	2.0 (51) +/- 10%
	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	

Product Performance and Suitability

All of the descriptive information, the typical performance data, and recommendations for the use of FLEXcon products shall be used only as a guide and do not reflect the specification or specification range for any particular property of the product. Furnishing such information is merely an attempt to assist you after you have indicated your contemplated use and shall in no event constitute a warranty of any kind by FLEXcon. All purchasers of FLEXcon products shall be responsible for independently determining the suitability of the material for the purpose for which it is purchased. No distributor, salesman, or representative of FLEXcon is authorized to give any warranty, guaranty, or make any representation in addition or contrary to the above.

Last Modified On: 02/09/2007



FLEXCON

1 FLEXcon Industrial Park, Spencer, MA 01562-2642, Telephone (508) 885-8300 FAX (508) 885-8301 www.FLEXcon.com

