

Outdoor Power - Nameplate/Brand ID

Gloss White Vinyl - Conventional Printing

Aesthetics and durability are critical for outdoor power equipment nameplate/brand identity labels. Outdoor power 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 outdoor power equipment 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® Flex White Sheet

Benefits:

- 3.5 mil flexible white vinyl provides good surface smoothness and conformability
- Print-receptive 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 acrylic pressure-sensitive adhesive bonds well to low- and high-surface energy plastics, metal, powder-coated paint, paint, ceramic, paper/fiber, glass and fiberglass
- Backed with a layflat 90 lb. moisture stable polycoated release liner ideal for sheet-form converting
- UL recognized under UL 969 - UL File No. PGGU2.MH10170 Marking and Labeling System Materials - Component



FLEXCON

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DPM® Flex White Sheet

PRODUCT DATA	VALUE	TEST METHOD
Physical Properties		
Thickness (Mils[microns])	Film	3.5 (89) +/- 10%
	Adhesive	1.0-1.1 (25-28) +/- 0.1 (3)
	Liner	6.9 (175) +/- 10%
Dimensional Stability (%)	MD	0.75
	TD	0.75
Adhesion Properties		
Ultimate Peel from	Average	ASTM D 903 (Modified for 72 hour dwell time)
	Oz/In (N/m)	
ABS	85 (935)	
Acrylic	113 (1243)	
Acrylic Powder Paint	90 (990)	
Aluminum	99 (1089)	
Epoxy Powder Paint	107 (1177)	
Fiberglass	67 (737)	
Glass	109 (1199)	
HDPE	53 (583)	
Painted Metal	88 (968)	
Paper	8+ (88+)	
Polycarbonate	96 (1056)	
Polyester	101 (1111)	
Polyester Powder Paint	69 (759)	
Polypropylene	54 (594)	
Polyurethane Powder Paint	101 (1111)	
Stainless Steel	74 (814)	
Styrene	72 (792)	
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)	450	ASTM D 2979
Expected Exterior Life	Five years	
Service Temperature Range	-40°F to 176°F (-40°C to 80°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: 08/03/2006



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