Display Graphics; Durable Goods and Equipment Labeling

Clear Polyester Sheet (permanent) - HP Indigo Compatible

End Use Applications:

Display Graphics:
General-Purpose Signage
Menu Boards
P-O-P
Retail
Tradeshow

Durable Goods & Equipment Labeling:
Brand Identity Labels
Compliance Labels
Nameplates
Warning & Instructional Labels

For Durable Goods including:
Outdoor Power Equipment
Power Tools
Appliances
Electronics
Recreational Vehicles
Sporting Equipment
Industrial Equipment...and more

For more information on FLEXcon's pressure-sensitive film solutions for display graphics or durable goods labeling, contact your local Sales Representative or our Product Branding Business Team at (508) 885-8370.

Product ID #: FLX018537

Product: Flexcon® DigiPro® DGPCS

Benefits:

- 2.0 mil gloss topcoated clear polyester provides consistent surface smoothness, excellent dimensional stability and endurance to varying temperatures
- Topcoat is specifically designed for digital printing with HP Indigo inks and ensures excellent ink receptivity for sharp vibrant image quality
- Performance, aggressive, permanent pressure-sensitive adhesive bonds well to a variety of surfaces
- Adhesive has high peel and high shear characteristics resistant to cold flow and ooze
- Backed with a 90 lb. moisture stable polycoated layflat release liner ideal for sheet-form converting
- Varnishing or overlaminating is recommended to protect graphics from abrasion
- UL recognized under UL 969 - UL File No. PGGU2.MH10170 Marking and Labeling System Materials - Component when overlaminated with Flexcon® DPM® CG or DPM® UVCG.

Please note: this product can also be used for durable applications. Contact your Technical Service Representative for more information.

We recommend fanning the edges of the sheets prior to stacking/printing on press.

Flexcon® DigiPro® DGPCS

PRODUCT DATA	VALUE		TEST METHOD
Physical Properties			
Thickness (Mils[microns])	Film	2.0 (51) +/- 10%	ASTM D 3652 (Modified for use with non-tape products)
	Adhesive	0.9-1.0 (25-28) +/- 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)
	Expected Shear (hours)	50	ASTM D 3654 a. 1 hour dwell time b. 1 sq. in. surface c. 4 lb. load
Adhesion Properties			
Ultimate Peel from	Average		
	Oz/In	(N/m)	
ABS	60	(660)	
Acrylic	68	(748)	
Acrylic Powder Paint	47	(517)	
Aluminum	54	(594)	
Epoxy Powder Paint	62	(682)	
Glass	56	(616)	
HDPE	32	(352)	
Painted Metal	49	(539)	
Polycarbonate	58	(648)	
Polyester	87	(957)	
Polyester Powder Paint	15	(165)	
Polypropylene	12	(132)	
Polyurethane Powder Paint	54	(594)	
Stainless Steel	55	(605)	
Styrene	54	(594)	
Tack (gm/sq cm)	360		ASTM D 2979
Expected Exterior Life	Indoor use only unless overlaminated with DPM® CVE or DPM® UVCG		
Service Temperature Range	-40°F to 302°F (-40°C to 150°C)		
Minimum Application Temperature	50°F (10°C)		
Storage Stability	One year stored at 70°F (21°C) and 50% RH		

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.

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