

# 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  
Tradeshows

### 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 matte 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 the Product Identification Business Team at 508-885-8300 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
<b>Physical Properties</b>		
Thickness (Mils[microns])	Film	2.0 (51) +/- 10%
	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
<b>Adhesion Properties</b>		
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)
<b>Tack (gm/sq cm)</b>	360	ASTM D 2979
<b>Expected Exterior Life</b>	Indoor use only unless overlaminated with DPM® CVE or DPM® UVCG	
<b>Service Temperature Range</b>	-40°F to 302°F (-40°C to 150°C)	
<b>Minimum Application Temperature</b>	50°F (10°C)	
<b>Storage Stability</b>	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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