

Display Graphics; Durable Goods and Equipment Labeling

White 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 #: FLX015412



Product:

Flexcon® DigiPro® DGPWS

Benefits:

- 2.0 mil white gloss 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. two-side 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® DGPWS

| 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) |
| Adhesion Properties | | |
| Ultimate Peel from | Average | ASTM D 903 (Modified for 72 hour dwell time) |
| | Oz/In (N/m) | |
| ABS | 60 (660) | |
| Acrylic | 68 (748) | |
| Acrylic Powder Paint | 59 (649) | |
| Aluminum | 54 (594) | |
| Epoxy Powder Paint | 67 (737) | |
| Glass | 56 (616) | |
| HDPE | 32 (352) | |
| Painted Metal | 57 (617) | |
| Polycarbonate | 58 (648) | |
| Polyester | 87 (957) | |
| Polyester Powder Paint | 55 (605) | |
| Polypropylene | 12 (132) | |
| Polyurethane Powder Paint | 72 (792) | |
| Stainless Steel | 55 (605) | |
| Styrene | 54 (594) | |
| 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) | 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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