

Durable Goods and Equipment Labeling

Clear UV Resistant Polyester - Overlaminates

End Use Applications:

*Compliance Labels
Warning & Instructional Labels
Nameplates
Brand Identity Labels*

For Durable Goods including:

*Outdoor Power Equipment
Power Tools
Appliances
Electronics
Recreational Vehicles
Sporting Equipment
Industrial Equipment...and more*

For Transportation including:

*Automotive
Heavy Equipment
Rail*

For more information on FLEXcon's pressure-sensitive film solutions for Durable Goods and Equipment Labeling, contact your local Sales Representative or our Product Identification Business Team at (508) 885-8300.

Product ID #: FLX000324



Product:

Flexcon® DPM® UVCG

Benefits:

- 1.0 mil clear gloss overlaminate polyester that protects against damaging UV rays, moisture & scratching
- Overlaminating polyester resists temperature extremes, abrasion and chemical exposure for maximum label protection
- Permanent pressure-sensitive acrylic adhesive bonds well to base film substrates
- Backed with an ultra smooth polyester release liner for excellent adhesive wet out
- UL recognized under UL 969 - UL File No.PGGU2.MH10170 Marking and Labeling System Materials - Component
- CSA accepted under CSA File No. 99214



Flexcon® DPM® UVCG

| PRODUCT DATA | VALUE | TEST METHOD |
|---------------------------------|--|---|
| Physical Properties | | |
| Thickness (Mils[microns]) | Film 1.0 (25) +/- 10% Adhesive 0.9-1.0 (23-25) +/- 0.1 (3) Liner 1.0 (25) +/- 5% | ASTM D 3652 (Modified for use with non-tape products) |
| 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) | |
| Acrylic | 47 (517) | |
| Glass | 42 (462) | |
| Polypropylene | 14 (154) | |
| Stainless Steel | 42 (462) | |
| Expected Shear | | ASTM D 3654 Method A a. 1 hr. dwell b. 1 sq. in. surface c. 4 lb. load |
| Room Temp (hours) | 100 | |
| Tack (gm/sq cm) | 410 | ASTM D 2979 |
| Expected Exterior Life | Five years (Based on 2000 hour weathering in Xenon) | |
| 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.

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