

Promotional Advertising

White Opaque Vinyl - Removable - Air Egress Liner

Self-adhesive film is an essential tool for indoor and outdoor promotional advertising, providing the durability, flexibility, and aesthetic quality that open up all kinds of possibilities for grabbing the consumer's attention for the duration of the advertising campaign.

End-Use Applications:

*Cooler Graphics
Counter Graphics
Display Graphics
General-Purpose Signage
Indoor Floor Graphics
Interior Signage
Shelf Graphics
Wall Graphics
Window Graphics*

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

Product ID #: FLX064832



Product: **Flexcon® FlexMark® WRAE**

Benefits:

- 3.5 mil flexible opaque white vinyl provides good opacity for covering up existing graphics
- High-performance removable adhesive bonds well to ABS, acrylic, aluminum, stainless steel, HDPE, painted metal, styrene, painted non-vinyl wallboard, glass, certain ceramic tile, sealed concrete, linoleum, and Formica®
- High-performance removable adhesive offers clean removability for up to 180 days
- Printable via UV and solvent screen, UV and solvent inkjet, and UV offset
- HP Latex compatible
- Backed with a 90 lb. air egress release liner that reduces entrapment of air

FlexMark® WRAE with [FLEXmark® CP](#) or [FlexMark® OV6602](#) has been investigated by Underwriters Laboratories, Inc., and when used as a system, is in accordance with UL 410, the Standard for Floor Surfaces, for Floor-Graphic Materials (FGM).

Please refer to [Flexcon's Warranty & Limited Remedy Policy for Graphic Advertising for Floors and Indoor Carpets, and Application and Removal Instructions](#). Nothing contained herein shall expand the Floors and Indoor Carpets Limited Warranty or otherwise be construed as a warranty or guarantee.

Formica® is a registered trademark of the Diller Corp.



1 FLEXcon Industrial Park, Spencer, MA 01562-2642, Telephone (508) 885-8370 FAX (508) 885-8399 www.FLEXcon.com

Flexcon® FlexMark® WRAE

| PRODUCT DATA | VALUE | | TEST METHOD |
|--------------------------------------|--|-----------------------------|---|
| Physical Properties | | | |
| Thickness (Mils[microns]) | Film | 3.5 (89) +/- 10% | ASTM D 3652 (Modified for use with non-tape products) |
| | Adhesive | 0.8-0.9 (20-23) +/- 0.1 (3) | |
| | Liner | 6.9 (175) +/- 10% | |
| Dimensional Stability (%) | MD | 0.75 | Applied Shrinkage: 24 hour dwell time on aluminum panel then 24 hours at 160°F (71°C) |
| | TD | 0.50 | |
| Adhesion Properties | | | |
| Ultimate Peel from | Average | | ASTM D 903 (Modified for 72 hour dwell time) |
| | Oz/In | (N/m) | |
| ABS | 17 | (187) | |
| Aluminum | 17 | (187) | |
| Ceramic Tile | 22 | (242) | |
| Formica | 7 | (77) | |
| Glass | 19 | (209) | |
| Linoleum | 9 | (99) | |
| Painted Metal | 18 | (198) | |
| Painted Wood | 12 | (132) | |
| Plexiglass | 24 | (264) | |
| Sealed Concrete | 12 | (132) | |
| Smooth Painted (non-vinyl) Wallboard | 8 | (88) | |
| Stainless Steel | 22 | (242) | |
| Styrene | 18 | (198) | |
| Varnished Wood | 13 | (143) | |
| Expected Shear | | | ASTM D 3654 Method A a. 1 hr. dwell b. 1 sq. in. surface c. 4 lb. load |
| Room Temp (hours) | Erratic shear due to removable adhesive | | |
| Tack (gm/sq cm) | 350 | | ASTM D 2979 |
| Flammability | Contact Tech Service at 508-885-8263 | | |
| Expected Exterior Life | Two years | | |
| Service Temperature Range | -20°F to 176°F (-29°C to 80°C) | | |
| Minimum Application Temperature | 50°F (10°C) | | |
| Storage Stability | Two years 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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