Safety / Visibility Applications
White Polyester Retroreflective - Sheet Form

End Use Applications including:
Component Tracking Labels
Warning & Instructional Labels
Outdoor Safety Signage
Promotional Labels
Long-range Barcode Labels
Warehouse WIP Labels, Shelf Marking
Supply Chain Management

Custom colors available.

For more information on FLEXcon’s pressure-sensitive film solutions for safety/visibility applications, contact your local Sales Representative or our Product Identification Business Team at (508) 885-8300.

Product ID #: FLX055420

Product: FLEXcon® REFLECTAmark® PM 400
White Reflective V-344 90 PFW

Benefits:
- 2 mil white polyester film with 2 mil glass bead reflective coating offers higher reflectivity and reflects from a longer distance than standard promotional grade film
- Printable via TTR, flexo and screen. Can be topcoated for additional print technologies (Including Digital and Conventional)
- Additional colors available (PMS color match)
- Permanent pressure-sensitive acrylic adhesive bonds well to low- and high-surface energy plastics, metal, powder coated paint, paint, ceramic, paper/fiber, glass and fiberglass
- Backed with a 90 lb. two-side polycoated layflat release liner ideal for sheet-form converting
**FLEXcon® REFLECTAmark® PM 400**  
**White Reflective V-344 90 PFW**

## PRODUCT DATA

<table>
<thead>
<tr>
<th><strong>Physical Properties</strong></th>
<th><strong>VALUE</strong></th>
<th><strong>TEST METHOD</strong></th>
</tr>
</thead>
</table>
| **Thickness (Mils[microns])** | Film & Coating: 4.0 (102) +/- 15%  
Adhesive: 1.0-1.1 (25-28) +/- 0.1 (3)  
Liner: 6.9 (175) +/- 10% | ASTM D 3652 (Modified for use with non-tape products) |
| **Dimensional Stability (%)** | MD: 0.5  
TD: 0.5 | Applied Shrinkage: 24 hour dwell time on aluminum panel then 24 hours at 160°F (71°C) |

## Adhesion Properties

<table>
<thead>
<tr>
<th><strong>Ultimate Peel from</strong></th>
<th><strong>Average</strong></th>
<th><strong>Oz/ln</strong> (N/m)</th>
<th><strong>ASTM D 903 (Modified for 72 hour dwell time)</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Acrylic</td>
<td>Film destructs during adhesion test</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Glass</td>
<td>Film destructs during adhesion test</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Polypropylene</td>
<td>15 (165)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stainless Steel</td>
<td>Film destructs during adhesion test</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Expected Shear

<table>
<thead>
<tr>
<th><strong>Room Temp (hours)</strong></th>
<th>25</th>
<th><strong>ASTM D 3654 Method A</strong></th>
</tr>
</thead>
</table>
| **Tack (gm/sq cm)**   | 660 | a. 1 hr. dwell  
b. 1 sq. in. surface  
c. 4 lb. load |
| **Expected Exterior Life** | Two years | **ASTM D 2979** |
| **Service Temperature Range** | -40°F to 176°F (-40°C to 80°C) | |
| **Minimum Application Temperature** | 50°F (10°C) | |
| **Storage Stability** | Two years stored at 70°F (21°C) and 50% RH | |

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**FOR A COMPLETE DATA SHEET WITH REFLECTIVITY DATA, CLICK HERE.**

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**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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