**Removable Vinyl Label Products**

FV025903 • FV025905

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**Product Description**

3M™ Removable Vinyl Label Products are soft white vinyl label stocks that offer durability and good conformability. These vinyl labels utilize 3M™ Adhesive R3500, which is designed for use on smooth surfaces such as glass, metal, and plastic (including polystyrene) and offers excellent UV resistance, good initial tack, and long term adhesion with clean removability and is an excellent alternative to static cling.

**Note:** As a removable adhesive, performance may vary depending upon the substrate to which it is applied. Therefore, extensive testing should be conducted prior to use and textured surfaces should be avoided. Not appropriate for children’s toy or sticker applications.

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**Construction**

<table>
<thead>
<tr>
<th>Product Number</th>
<th>Facestock</th>
<th>Adhesive</th>
<th>Liner</th>
</tr>
</thead>
<tbody>
<tr>
<td>3M™ Removable Vinyl Label Product FV025903</td>
<td>.0035 in. Soft White Vinyl NTC</td>
<td>R3500 Rem. 16</td>
<td>78# CCK 4.6 mil stabilized clay coated two side kraft sheet</td>
</tr>
<tr>
<td>3M™ Removable Vinyl Label Product FV025905</td>
<td>.0035 in. Soft White Vinyl NTC</td>
<td>R3500 Rem. 16</td>
<td>90# Polyctd. 7.0 mil bleached kraft sheet polyethylene coated on two sides</td>
</tr>
</tbody>
</table>

(Calipers are nominal values)

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**Features**

- The polymerically plasticized nature of this soft, flexible vinyl imparts long term dimensional stability for demanding applications.
- Static cling alternative.
- Good initial tack.
- Long term adhesion with clean removability (no residue).
- Liner for 3M label product FV025903 is ideal for most sheet on press applications. The backside of the sheet is printable.
- Liner for 3M label product FV025905 is designed for the ultimate in layflat. The backside of this liner is not printable.

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**Application Ideas**

- Oil change decals, window decals, removable instructional labels, pre-mask, POP promotional labels, reusable tabs.
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Typical Physical Properties
Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

<table>
<thead>
<tr>
<th>Property</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Peel Adhesion</td>
<td>Approx. 0.3 lbs./in. (53 N/m) TLMI Method, 180° Peel, 12°/min., 1” wide sample</td>
</tr>
<tr>
<td>Loop Tack</td>
<td>Approx. 0.5 lbs./in. (88 N/m) TLMI Method, 12°/min., 1” wide sample</td>
</tr>
<tr>
<td>Shear</td>
<td>N/A TLMI Method, 0.25 in² x 500g</td>
</tr>
<tr>
<td>Adhesive Coat Weight</td>
<td>1.55 g/100 in² ± 10% 3M Method E10MFP01</td>
</tr>
<tr>
<td>Release Range</td>
<td>3M™ Label Product FV025903</td>
</tr>
<tr>
<td></td>
<td>30 to 100 g/2 in. TLMI Method, 180° removal, 300 in./min.</td>
</tr>
<tr>
<td></td>
<td>3M™ Label Product FV025905</td>
</tr>
<tr>
<td></td>
<td>50 to 200 g/2 in. TLMI Method, 180° removal, 300 in./min.</td>
</tr>
<tr>
<td>Service Temperature</td>
<td>-20°F to 140°F (-29°C to 60°C)</td>
</tr>
<tr>
<td>Application Temperature</td>
<td>40°F to 110°F (5°C to 43°C)</td>
</tr>
</tbody>
</table>

Storage Conditions
Store under normal conditions of 70°F (21°C) and 50% relative humidity. To minimize the effects of humidity on the products, package the die-cut and printed stock in polyethylene bags. Low density polyethylene (2-4 mils) can help prevent humidity penetration.

Shelf Life
To obtain best performance, use this product within two years from the date of manufacture.

Printing
• Non topcoated vinyl, may require treatment to accept some press printing ink systems.

Warranty and Limited Remedy
Unless stated otherwise in 3M’s product literature, packaging inserts or product packaging for individual products, 3M warrants that each 3M product meets the applicable specifications at the time 3M ships the product. Individual products may have additional or different warranties as stated on product literature, package inserts or product packages. 3M MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE. User is responsible for determining whether the 3M product is fit for a particular purpose and suitable for user’s application. If the 3M product is defective within the warranty period, your exclusive remedy and 3M’s and seller’s sole obligation will be, at 3M’s option, to replace the product or refund the purchase price.

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ISO 9001:2000
This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001:2000 standards.

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