Avery Dennison® OL-3000 Series Vinyl Overlay Film is an opaque, flexible, solid color, high gloss film and is ideal for use in manufacturing traffic control and work zone devices. OL-3000 is an electronic computer cuttable film that is designed to be laminated over Avery Dennison retroreflective films. OL-3000 is available with either a standard liner or an Easy Apply paper liner. Easy Apply™ technology makes projects quicker and easier. This embossed liner creates air egress channels in the adhesive, providing smooth coverage and fewer wrinkles. And because the technology is in the liner, not in the face film or adhesive, you can expect the same trusted performance from OL-3000 Easy Apply as you have from Avery Dennison’s other overlay films.

Features:
- Field proven long term durability on traffic signs and safety devices worldwide
- Completely opaque for greater contrast when compared to base reflective sheeting
- Maximizes productivity when used with Easy Apply™ liner
- Designed to be used as part of the Integrated Component System of Avery Dennison Reflective Materials

Conversion:
- Flat Bed Sign-Cut
- Drum Roller Sign-Cut
- Steel Rule Sign-Cut

Product Availability:
<table>
<thead>
<tr>
<th>OL-3003</th>
<th>Black (Standard Paper Liner)</th>
</tr>
</thead>
<tbody>
<tr>
<td>OL-3003 EZ</td>
<td>Black (Easy Apply Paper Liner)</td>
</tr>
</tbody>
</table>

Applications:
- Rigid Permanent and Temporary Outdoor Signage
- Rigid Work Zone Devices
Avery Dennison®OL-3000 Series
Opaque Overlay Film
Issued: July 2013

Characteristics:

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Instructional Bulletins</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shelf-Life</td>
<td>1 year from date of purchase when stored at the following conditions: 65°-75°F (18°-24°C) 50% ± 5% R.H.</td>
<td>#8.00</td>
</tr>
<tr>
<td>Typical film Caliper</td>
<td>Face: 2.0 mil (50 µm) Adhesive: 1 mil (25 µm)</td>
<td>NA</td>
</tr>
<tr>
<td>Min. Application Temperature</td>
<td>45°F (7°C)</td>
<td>#8.10</td>
</tr>
<tr>
<td>Service Temperature</td>
<td>-10°F to +150°F (-23°C to +65°C)</td>
<td>#8.00</td>
</tr>
<tr>
<td>Gloss</td>
<td>90%</td>
<td>NA</td>
</tr>
<tr>
<td>Adhesion</td>
<td>24 hr. 3.0 lbs/in (525 N/m) 1 wk. 4.0 lbs/in (700 N/m)</td>
<td>NA</td>
</tr>
<tr>
<td>Dimensional Stability</td>
<td>&lt;0.015” (0.4mm)</td>
<td>NA</td>
</tr>
<tr>
<td>Tensile at Yield</td>
<td>4.0 – 8.0 lb/in (0.7 – 1.5 kg/cm)</td>
<td>NA</td>
</tr>
<tr>
<td>Elongation</td>
<td>150% min.</td>
<td>NA</td>
</tr>
</tbody>
</table>

WARRANTY
Avery Dennison OL-3000 Overly Films (“Products”) are warranted to be free from defects in material and workmanship for one (1) year from the date of purchase; provided that the following conditions are met:

- Fabrication and application must occur within one (1) year from the date of purchase.
- The failure must have resulted solely from a manufacturing defect or deterioration of the Product due to natural causes under the Performance Warranty.
- Avery Dennison reserves the right to reject any warranty claim where the product is fabricated or installed in a manner that is not in accordance with the Avery Dennison recommended procedures.
- Avery Dennison has published instructional bulletins pertaining to the storage, handling, and cleaning of Product, approved substrates, and application procedures.

The date of installation, warranty registration, and claim procedures established by Avery Dennison must be followed, and failure to follow such procedures shall void this warranty. Replacement Product carries only the unexpired warranty portion of the Product it replaces. The Product must be properly stored and applied within the shelf-life as stated in the applicable Avery Dennison Product Data Sheet including adhesive and other material product data sheets.

ADDITIONAL LIMITATIONS
- Unintended Use: This warranty only applies to Product that is used by professional converters and installers for the intended end use and in the combinations described in the applicable Avery Dennison Product Data Sheets and Instructional Bulletins. For any other use, the user is responsible for determining the suitability of the Product, and for any and all risk or liability associated with that use or application.
- Avery Dennison has published instructional bulletins pertaining to the storage, handling, and cleaning of Product, approved substrates, and application procedures.
- If the fabricator or installer cannot satisfactorily prove or demonstrate that the Avery Dennison procedures were utilized, the warranty will not apply.

Third Party Product: Avery Dennison Product Data Sheets and Instructional Bulletins. For any other use, the user is responsible for determining the suitability of the Product, and for any and all risk or liability associated with that use or application.
- Product being processed by professional converters or installers in accordance with the Avery Dennison recommended procedures.
- Avery Dennison has published instructional bulletins pertaining to the storage, handling, and cleaning of Product, approved substrates, and application procedures.

Avery Dennison has no obligations or liability under this warranty with respect to Product that has been altered, modified, damaged, misused, abused, subject to accident, neglected or otherwise mishandled or improperly processed or installed. Product is not warranted against any premature failure caused by chemical, environmental or mechanical means such as, but not limited to, vandalism, cleaning solutions, paint, solvents, moisture, temperature, mechanical washing equipment, engine fuel spills, engine exhaust, steam, organic solvents or other spilled chemicals or pollutants, including industrial and volcanic ash. Damage from fire, structural failure, lightning, accidents, and other force majeure events are not covered by this warranty.

INDEPENDENT TESTING REQUIRED
- No test methods, technical information or recommendations about Avery Dennison products are based upon tests and information believed to be reliable but do not constitute a guarantee or warranty of any kind. All Avery Dennison products are sold with the understanding that Purchaser has independently determined the suitability of such products for its intended and other purposes.

Product Data Sheet
Page 2 of 3
Reflective Solutions
7542 North Natchez Ave.
Niles, IL 60714

www.reflectives.averydennison.com
Substrates:
The application of Avery Dennison OL-3000 Overlay Film Series sheeting is limited to properly prepared Avery Dennison reflective film. Users are urged to carefully evaluate, under actual use conditions, any film application to other substrates. Failure of film caused by other substrates, materials, contamination, or improper surface preparation is not the responsibility of Avery Dennison. See Instruction Bulletin #8.01 for full details on substrate requirements.