It has recently been brought to our attention that Avery Dennison has adjusted their position in regard to horizontally applied vinyl graphic materials.

According to an Instructional Bulletin dated 07/17/2007 (following pages), horizontal applications, such as Hood, Roof and Rear Lid areas are not warranted, recommended, and do not have any expectations of durability.

While we have reduced the amount of Avery Dennison automotive grade films utilized in our offerings, certain colors on our Standard Color Chart are only available in their product line. Colors affected by this adjustment have been marked accordingly.

Thus, pleased be advised that should a color be selected that is manufactured by Avery Dennison and it is used in a horizontal application, there is no warranty offered.

For further information, please review the information on the following pages as provided by Avery Dennison.

Vinyl product utilized in our line of graphics and decals are as follows (in order of most used product):

Oracal http://www.oracal.com/
Avery Dennison http://www.averygraphics.com

We invite you to visit the websites shown to learn more about the materials used in the manufacture of our graphic and decal products.

For further information in regard to this Bulletin, please feel free to contact us.

Auto Trim DESIGN
920-832-0094
1.0 Scope

The durability of Avery Graphics films are defined as the expected performance of the films in vertical exposure conditions in non-desert locations. Specific durability expectation is available in the appropriate Product Data Bulletin.

2.0 Reduction of Durability Expectations

In the event of exposure in desert situations, or within areas considered high UV exposure, the durability will be reduced from the information provided in the appropriate Product Data Bulletins, and Instructional Bulletins. Based on the Zone Chart (shown on page 2) Durability in regions located in Zone 1 will perform in vertical applications as specified in the Product Data Bulletin. Materials used in regions identified in Zone 2 will have a reduction of the specified durability by 20%, and those used in Zone 3 regions will have a 60% reduction in durability.

Included in the reduction of durability expectations, would be non-vertical exposures. The definition of vertical exposure would be ± 10° of vertical; a non-vertical exposure in an application would be where a film is applied to a surface that is 10-45° from vertical. The reduction of durability for non-vertical applications would be 20% less than published durability for a specific product.

If a product is applied whereby a combination of non-vertical, and Zone 2 or 3 exposures is seen, the cumulative effect of the reduced exposures applies. Thereby the non-vertical reduction of 20% is calculated first, then the appropriate reduction of 20% or 60% is calculated based on Zone exposure from the new non-vertical reduction calculation.

3.0 Horizontal Applications

Horizontal applications are not warranted, recommended, and do not have any expectations of durability. The exposure of films in the horizontal position invalidates any performance expectations as outlined in appropriate Product Data Bulletins and Instructional Bulletins. Films may retain legibility, but will not provide published Expected Durability for gloss, color retention, chalking, and overall aesthetic performance.

Questions regarding the durability of a specific product should be directed to your Avery Dennison sales, marketing or technical representative. Additional information can also be obtained by contacting the Avery AnswerLine at 800-443-9380, or visit the Avery Graphics webpage www.averygraphics.com.
### 4.0 Zone Chart

<table>
<thead>
<tr>
<th>Zone 1</th>
<th>Zone 2</th>
<th>Zone 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Austria</td>
<td>Afghanistan</td>
<td>Nicaragua</td>
</tr>
<tr>
<td>Belarus</td>
<td>Albania</td>
<td>Niger</td>
</tr>
<tr>
<td>Belgium</td>
<td>Algeria</td>
<td>Nigeria</td>
</tr>
<tr>
<td>Bosnia &amp; Herzegovina</td>
<td>Andorra</td>
<td>Pakistan</td>
</tr>
<tr>
<td>Denmark</td>
<td>Angola</td>
<td>Panama</td>
</tr>
<tr>
<td>Ecuador</td>
<td>Armenia</td>
<td>Papua New Guinea</td>
</tr>
<tr>
<td>Estonia</td>
<td>Australia under the line Perth</td>
<td>Paraguay</td>
</tr>
<tr>
<td>Finland</td>
<td>Azerbaijan</td>
<td>Peru</td>
</tr>
<tr>
<td>France</td>
<td>Bahamas</td>
<td>Philippines</td>
</tr>
<tr>
<td>Georgia</td>
<td>Bangladesh</td>
<td>Portugal</td>
</tr>
<tr>
<td>Germany</td>
<td>Barbados</td>
<td>Puerto Rico</td>
</tr>
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<td>Hungary</td>
<td>Belize</td>
<td>Rugby</td>
</tr>
<tr>
<td>Iceland</td>
<td>Bhutan</td>
<td>Russia</td>
</tr>
<tr>
<td>Italy</td>
<td>Bolivia</td>
<td>Slovakia</td>
</tr>
<tr>
<td>Liechtenstein</td>
<td>Botswana</td>
<td>Slovenia</td>
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<tr>
<td>Lithuania</td>
<td>Brazil</td>
<td>Sweden</td>
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<tr>
<td>Luxembourg</td>
<td>Burkina Faso</td>
<td>Switzerland</td>
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<td>Macedonia</td>
<td>Burundi</td>
<td>Tanzania</td>
</tr>
<tr>
<td>Monaco</td>
<td>California</td>
<td>Texas</td>
</tr>
<tr>
<td>Netherlands, the</td>
<td>Cambodia</td>
<td>Thailand</td>
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<td>Norway</td>
<td>Cameroon</td>
<td>Togo</td>
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<tr>
<td>Poland</td>
<td>Cape Verde</td>
<td>Trinidad &amp; Tobago</td>
</tr>
<tr>
<td>Romania</td>
<td>Caribbean Isles</td>
<td>Turkey</td>
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<td>Russia</td>
<td>Central African Republic</td>
<td>Turkmenistan</td>
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</tr>
<tr>
<td>United Kingdom</td>
<td>Costa Rica</td>
<td>Zambia</td>
</tr>
<tr>
<td>United States of America*</td>
<td>Cyprus</td>
<td>Zimbabwe</td>
</tr>
<tr>
<td>Uzbekistan</td>
<td>Dominica</td>
<td></td>
</tr>
<tr>
<td>Vatican City</td>
<td>Republic</td>
<td></td>
</tr>
<tr>
<td>Yugoslavia</td>
<td>East Timor</td>
<td></td>
</tr>
<tr>
<td>*except desert areas</td>
<td>El Salvador</td>
<td></td>
</tr>
<tr>
<td>of the States</td>
<td>Equatorial Guinea</td>
<td></td>
</tr>
<tr>
<td>mentioned in zone 2</td>
<td>Fiji</td>
<td></td>
</tr>
<tr>
<td>Florida (Southern)</td>
<td>Gabon</td>
<td></td>
</tr>
</tbody>
</table>

Refer to page 4 for United States map of Zone 1 and 2 coverage.
5.0 United States Coverage

5.1 Zone 1
Zone 1 areas are indicated in green.

5.2 Zone 2 (20% durability reduction)
Zone 2 areas are indicated in yellow, or any desert region. Zone 2 states with counties include:

- **Arizona** (entire state)
- **New Mexico** (entire state)
- **Utah**
  - Washington
  - Kane
- **Texas**
  - Anderson
  - Angeina
  - Aransas
  - Atascosa
  - Austin
  - Bandera
  - Bastrop
  - Bee
  - Bell
  - Bexar
  - Blanco
  - Bosque
  - Brazoria
  - Brazos
  - Brewster
  - Brooks
  - Brown
  - Burleson
  - Caldwell
  - Calhoun
  - Cameron
  - Chambers
  - Cherokee
  - Coke
  - Coleman
  - Colorado
  - Comal
  - Comanche
- **California**
  - Mono
  - Inyo
  - San Bernardino
  - Riverside
  - Imperial
  - Mono
  - Hudspeth
  - Irion
  - Jackson
  - Jasper
  - Jeff Davis
  - Jefferson
  - Jim Hogg
  - Jim Wells
  - Karnes
  - Kendall
  - Kenedy
  - Kerr
  - Kimble
  - Kinney
  - Kleburg
  - La Salle
  - Lampasas
  - Lavaca
  - Leon
  - Liberty
  - Limestone
  - Live Oak
  - Llano
  - Loving
  - Madison
  - Mason
- **Nevada**
  - Clark
  - Lincoln
  - Nye
  - Esmeralda
  - Mineral
  - Matagorda
  - Maverick
  - McCulloch
  - McLennan
  - McMullen
  - Medina
  - Menard
  - Midland
  - Mills
  - Montgomery
  - Nacogdoches
  - Navarro
  - Newton
  - Nueces
  - Orange
  - Pecos
  - Polk
  - Presidio
  - Reagan
  - Real
  - Reeves
  - Refugio
  - Robertson
  - Runnels
  - Sabine
  - San
  - Augustine
  - San Jacinto
  - San Patricio
  - San Saba
  - Shelby
  - Slechter
  - Starr
  - Sterling
  - Sutton
  - Terrell
  - Trinity
  - Tyler
  - Upton
  - Uvalda
  - Val Verde
  - Victoria
  - Walker
  - Waller
  - Ward
  - Washington
  - Webb
  - Wharton
  - Willacy
  - Wilson
  - Winkler
  - Zapata
  - Zavala
5.3 United States Coverage Map by Zone

6.0 Additional Information

High Elevations - Mountain area UV damage is increased over exposures at sea level. This is due to the air being thinner, and therefore damage from UV filtering increases significantly.

Congested Urban or Industrial Areas - Due to increased smog, pollutants, and particulates in the atmosphere in congested urban and industrial areas horizontal applications have reduced durability expectations. The horizontal application traps the chemicals on the surface of the material, and increased UV exposure combine for reduced durability.

Revisions have been italicized.
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