## Product Description

### 3M™ Surface Protection Film 7007 AB

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<tr>
<th>Construction</th>
<th>Backing</th>
<th>Adhesive</th>
<th>Color</th>
<th>Roll Sizes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Polyethylene</td>
<td>Acrylic</td>
<td>Blue transparent</td>
<td>Width: from 35 mm to 2600 mm</td>
</tr>
</tbody>
</table>

Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

### Typical Physical Properties and Performance Characteristics

- **Adhesion to Steel:** 0.7 +/- 0.3 N/cm  
  **Test Method:** AFEPA 4001 *
- **Total Thickness:** 70 +/- 8 µm  
  **Test Method:** DIN 53370
- **Breaking Strength:**
  - Machine Direction: ≥ 17 N/mm²  
  - Transverse Direction: ≥ 11 N/mm²  
  **Test Method:** DIN 53455
- **Elongation at Break:**
  - Machine Direction: > 180 %  
  - Transverse Direction: > 380 %  
  **Test Method:** DIN 53455

* modified for protective films

### General Information

- Before application the surface must be free from oil, fat, dust and solvents. Best to apply at room temperature between >10°C and < 40°C.
- The product should be stored at room temperature (< 40°C) and a rel. humidity of 50 %. Protect from direct UV light (sun).
- Recommended storage time should be 6 months after date of production.
- The product is resistant to:
  - moisture: good
  - oil: moderate
  - solvents: moderate
Application Ideas

- 3M™ Surface Protection Film 7007 AB is recommended for the protection of sensitive surfaces against dirt, dust and damage during processing, storage and mounting etc.

- 3M™ Surface Protection Film 7007 AB has a medium level of adhesion especially made to protect:
  - smooth or slightly structured metallic surfaces
  - varnished surfaces, acrylic- and synthetic resin varnish
  - aluminum, glossy, high polished or brushed
  - aluminum anodized (Eloxal)
  - high grade steel, brushed
  - powder coated metallic surfaces
  - plastic sheets in different grades of rawness

<table>
<thead>
<tr>
<th>Features</th>
<th>Advantages</th>
<th>Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PE backing</td>
<td>resistant against moisture, oil, solvents, dirt and mechanical abrasion</td>
<td>prevents surface from dirt and damage</td>
</tr>
<tr>
<td>Acrylic adhesive, medium adhesion level</td>
<td>sticks to many high glossy or brushed surfaces, removable after use</td>
<td>temporary surface protection</td>
</tr>
</tbody>
</table>

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