3M™ Polyethylene Tape 480 has a transparent polyethylene backing with a long aging transparent acrylic adhesive. It can be used for splicing and repairing polyethylene sheeting. It is also recommended for sealing and protecting applications.

### Technical Data

**Product Description**

3M™ Polyethylene Tape 480 has a transparent polyethylene backing with a long aging transparent acrylic adhesive. It can be used for splicing and repairing polyethylene sheeting. It is also recommended for sealing and protecting applications.

### Product Construction

<table>
<thead>
<tr>
<th>Backing</th>
<th>Adhesive</th>
<th>Color</th>
<th>Standard Roll Length</th>
<th>Standard Widths</th>
</tr>
</thead>
</table>
| Transparent polyethylene | Acrylic  | Transparent | 36 yds. (33 m) | 1” (25.4mm), 2” (50.8mm), 3” (76.2mm), 4” (101.6mm) Custom sizes available.

### 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>Value</th>
<th>ASTM Test Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adhesion to Steel</td>
<td>22 oz./in. width (24 N/100 mm)</td>
<td>D-3330</td>
</tr>
<tr>
<td>Tensile Strength</td>
<td>12 lbs./in. width (210 N/100 mm)</td>
<td>D-3759</td>
</tr>
<tr>
<td>Elongation at Break</td>
<td>520%</td>
<td>D-3759</td>
</tr>
<tr>
<td>Backing Thickness</td>
<td>4.0 mils (0.10 mm)</td>
<td>D-3652</td>
</tr>
<tr>
<td>Total Tape Thickness</td>
<td>5.1 mils (0.13 mm)</td>
<td>D-3652</td>
</tr>
<tr>
<td>Temperature Use Range</td>
<td>20° to 170°F (-7° to 77°C)</td>
<td></td>
</tr>
</tbody>
</table>

### Features

- Polyethylene backing provides good chemical and solvent resistance.
- Extremely conformable for sealing, wrapping, patching and for use on compound curves.
- Water white color, non-yellowing adhesive make repairs less visible.
- Good abrasion resistance.
- Remains flexible to -20°F (-29°C). Prolonged exposure above 170°F (77°C) and hot caustics may cause softening of backing and weaken bond of adhesive to backing.
- Best results are attained when applied to a clean, dry surface at temperatures between 60° to 80°F (16° to 27°C).

### Application Ideas

- Splicing and patching of polyethylene sheeting.
- Excellent seal on smooth, compound, and irregular surfaces.
- Good candidate for limited outdoor exposure applications (<3 months) such as patching, repairing or protecting.
Storage

Store under normal conditions of 60° to 80°F (16° to 27°C) and 40 to 60% R.H. in the original carton.

Shelf Life

To obtain best performance, use this product within 18 months from date of manufacture.

Technical Information

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