3M™ UHMW-PE Tape 5423

Used to protect surfaces from abrasion, 3M™ UHMW-PE Film Tape 5423 is a thick caliper general purpose polyethylene tape that creates a “slip plane” effect to allow contact without wear. This tape features a unique combination of properties that make it ideal for many tough impact wear or sliding applications.

**Key Characteristics**
- Excellent abrasion resistance provides long wear life
- Low coefficient of friction
- Effective solution for noise and vibration problems
- Chemical resistant backing
- Anti-stick/release properties

**Use For**
- Reducing squeaks and rattles in automotive and transportation assemblies
- Lining of conveyors, chutes, blades, slides and guide rails
- Separating dissimilar parts to reduce noise and friction

**Technical Parameters**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
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<tbody>
<tr>
<td>Adhesive</td>
<td>Rubber</td>
</tr>
<tr>
<td>Backing</td>
<td>UHMW-PE</td>
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<tr>
<td>Backing Thickness</td>
<td>10.0 mils (0.25mm)</td>
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<tr>
<td>Total Thickness</td>
<td>11.7 mils (0.30mm)</td>
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<tr>
<td>Temperature Use Range</td>
<td>-30°F to 225°F (-34°C to 107°C)</td>
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Specialty Six

Bringing better ideas to the surface with a wide variety of tape solutions.

3M™ Specialty Tape Solutions meeting application challenges for appliances, aerospace, automotive, construction, MRO, electronics, commercial transport, marine and more.

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