CHEMFILM® Black UHMW Semi-conductive PE Film

CHEMFILM® Black UHMW Semi-conductive PE Film is a high quality abrasion resistant film engineered to meet the most rigorous industrial applications. It is more than 5 times abrasion resistant than stainless steel and has self-lubricating properties similar to PTFE.

Features/Benefits
• Semi-conductive
• Abrasion resistant anti-stick surface
• Self-lubricating
• Durable
• Sound deadening material
• UV Resistant
• Continuous operating temperature up to 392°F (200°C)
• RoHS and REACH compliant

Availability
CHEMFILM® Black Semi-conductive UHMW PE film is supplied in widths up to 54” (1,372 mm) on industry standard 3” (76 mm) ID cores. It can also be supplied in narrow slit widths on jumbo traverse wound rolls with spliced lengths up to 6,562 linear yards (6,000 linear meters). Customized solutions available.

Applications
• Automotive window channel
• Guide rails
• Work station surfaces
• Automotive noise abatement
• Conveyor bed liners
• Chute liners
• Protection against UV exposure
• High wear surfaces
**CHEMFILM® UHMW Black Semi-conductive PE Properties**

Performance tests are run using standard test procedures. The values presented are typical values and should not be used for specification purposes.

<table>
<thead>
<tr>
<th>Properties</th>
<th>UHMW Black Semi-Conductive PE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thickness</td>
<td>2.0 mil</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>0.93-1.00 g/cm⁴</td>
</tr>
<tr>
<td>Long Tensile</td>
<td>5,500 psi</td>
</tr>
<tr>
<td>Elongation</td>
<td>200 %</td>
</tr>
<tr>
<td>Approximate Yield</td>
<td>101.0 ft/lb</td>
</tr>
</tbody>
</table>

CHEMFILM® is a registered trademark.