

## Product Data Sheet

### 40 MIL – TECHNICAL SPECIFICATIONS

A heavy-weight fabric, reinforced polyethylene material with ½ the weight of standard 40 mil non-reinforced HDPE, but with double the physical strength properties.

### Product Information

<b>USES</b>	A interim cover/liner
<b>AREAS OF APPLICATION</b>	Landfill covers, Containment liners
<b>FEATURES/BENEFITS</b>	<ul style="list-style-type: none"> <li>◆ <b>Weave:</b> Woven Black HDPE Scrim</li> <li>◆ <b>Coating:</b> LDPE, Coating on each side</li> </ul>

### Product Data

<b>COMPOSITION</b>	A heavy-weight fabric with polyethylene material that doubles the physical strength properties of standard 40 mil..
<b>COLOR</b>	White, Black or other colored coatings available
<b>SPECS</b>	<ul style="list-style-type: none"> <li>◆ <b>WEIGHT:</b> 14.8 oz/yd<sup>2</sup> (500g/m<sup>2</sup>) ±5%</li> <li>◆ <b>THICKNESS - ASTM D1777:</b> Nominal 40 mil (1.0 mm), ±10%</li> <li>◆ <b>STRIP TENSILE - ASTM D7003:</b> 2" MD 285 lb, CD 350 lb</li> <li>◆ <b>GRAB TENSILE - ASTM D7004:</b> MD 460 lb, CD 350 lb</li> <li>◆ <b>TONGUE TEAR - ASTM D5884:</b> large scale MD 90 lb, 4 CD 120 lb</li> <li>◆ <b>HYDROSTATIC RESISTANCE - ASTM D751:</b> 612 psi</li> <li>◆ <b>PUNCTURE RESISTANCE - ASTM D4833:</b> 210 lb</li> <li>◆ <b>MULLEN BURST - ASTM D751:</b> 835 psi</li> <li>◆ <b>DIMENSIONAL STABILITY - ASTM D1204:</b> MD -3.7%, CD -2.1%</li> <li>◆ <b>LOW TEMPERATURE FLEX - ASTM D2136:</b> MD &amp; CD :Pass @ -65° (-85° F)</li> <li>◆ <b>ACCELERATED UV WEATHERING - ASTM G 151/154:</b> &gt;90% Strength retention after 2000 hrs exposure @0.77 W/m<sup>2</sup>, or 1200 hrs exposure @1.35 W/m<sup>2</sup>/nm</li> </ul>

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