**Technical Details**

**Fabric Specifications**

<table>
<thead>
<tr>
<th>Fabric Specifications</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Face</td>
<td>100% Vinyl</td>
</tr>
<tr>
<td>Backing</td>
<td>100% Polyester</td>
</tr>
<tr>
<td>Weight</td>
<td>37.0 oz. per linear yd</td>
</tr>
<tr>
<td>Thickness</td>
<td>1.28 mm</td>
</tr>
<tr>
<td>Width</td>
<td>54&quot;</td>
</tr>
<tr>
<td>Roll Size</td>
<td>30 yards</td>
</tr>
<tr>
<td>Directional</td>
<td>No</td>
</tr>
<tr>
<td>Railroaded</td>
<td>No</td>
</tr>
</tbody>
</table>

**Performance Characteristics**

<table>
<thead>
<tr>
<th>Performance Characteristics</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Abrasion Resistance</td>
<td>ASTM D4157</td>
</tr>
<tr>
<td>Tensile Strength</td>
<td></td>
</tr>
<tr>
<td>Warp</td>
<td>65.0 lbs.</td>
</tr>
<tr>
<td>Fill</td>
<td>60.0 lbs.</td>
</tr>
<tr>
<td>Tear Strength</td>
<td></td>
</tr>
<tr>
<td>Warp</td>
<td>14.0 lbs.</td>
</tr>
<tr>
<td>Fill</td>
<td>12.0 lbs.</td>
</tr>
<tr>
<td>Seam Slippage</td>
<td></td>
</tr>
<tr>
<td>Warp</td>
<td>25.0 lbs.</td>
</tr>
<tr>
<td>Fill</td>
<td>20.0 lbs.</td>
</tr>
<tr>
<td>Colorfastness to Crocking</td>
<td>Fed Std 191A-565</td>
</tr>
<tr>
<td>Dry</td>
<td>Good</td>
</tr>
<tr>
<td>Wet</td>
<td>Good</td>
</tr>
<tr>
<td>UV Resistance</td>
<td>SAE J1885</td>
</tr>
<tr>
<td></td>
<td>226 hours</td>
</tr>
<tr>
<td>Adhesion</td>
<td>CS-273-65</td>
</tr>
<tr>
<td>Warp</td>
<td>3.0 lbs.</td>
</tr>
<tr>
<td>Fill</td>
<td>3.0 lbs.</td>
</tr>
<tr>
<td>Blocking</td>
<td>Y19A-5872</td>
</tr>
<tr>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Cold Crack</td>
<td>Y19A-5874</td>
</tr>
<tr>
<td></td>
<td>-20° F</td>
</tr>
<tr>
<td>Flex</td>
<td>CS-275-65</td>
</tr>
<tr>
<td></td>
<td>15,000 cycles</td>
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</tbody>
</table>

**Flammability**

<table>
<thead>
<tr>
<th>Flammability**</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>CAL TB 117-E</td>
<td>Passes</td>
</tr>
<tr>
<td>NFPA 260</td>
<td>Class 1</td>
</tr>
<tr>
<td>UFAC</td>
<td>Class 1</td>
</tr>
<tr>
<td>Federal Aviation Specification</td>
<td>Passes</td>
</tr>
<tr>
<td>Federal Specification</td>
<td>Passes</td>
</tr>
<tr>
<td>FMVSS 302</td>
<td>Passes</td>
</tr>
</tbody>
</table>

**Additional Attributes**

<table>
<thead>
<tr>
<th>Additional Attributes</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Finish/Treatment</td>
<td>Advanced BeautyGard®</td>
</tr>
<tr>
<td></td>
<td>Oil Resistant</td>
</tr>
<tr>
<td>Oil Resistant</td>
<td>Yes</td>
</tr>
<tr>
<td>Bleach Cleanable</td>
<td>Yes</td>
</tr>
<tr>
<td>Ratio: 90% Water / 10% Bleach Solution</td>
<td></td>
</tr>
<tr>
<td>Antibacterial</td>
<td>Yes</td>
</tr>
<tr>
<td>Antimicrobial</td>
<td>Yes</td>
</tr>
<tr>
<td>Mildew Resistant</td>
<td>Yes</td>
</tr>
<tr>
<td>Sulfide Stain Resistant</td>
<td>Yes</td>
</tr>
</tbody>
</table>

**Recommended Cleaning**

<table>
<thead>
<tr>
<th>Recommended Cleaning</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Please refer to Detailed Cleaning Instructions.</td>
<td></td>
</tr>
</tbody>
</table>

Although we try hard to make sure colors on our site are accurate, actual colors may vary. Please order samples prior to making a purchase.

Final determination of the suitability of this product for an application rests with the user.

Proposition 65 Warning: Yes

*ACT® Registered Certification Marks

Spirit Millennium Olive Green

US

529

Meets or exceeds all ACT® Standards

High Performance Vinyl

Bleach Cleanable

*ACT® Registered Certification Marks

Repeats Not Shown to Scale.

**Please refer to Detailed Cleaning Instructions.**

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