# Key Attributes in Coated Fabrics

<table>
<thead>
<tr>
<th></th>
<th>PVC (Vinyl)</th>
<th>Polyurethane (PU)</th>
<th>Silicone</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Durability</strong></td>
<td>Has the best performance for durability and long-term performance</td>
<td>Polyurethane constructed of polycarbonate resins are the most durable. Should Pass minimum of 7 weeks hydrolysis resistance</td>
<td>Multi-layer silicones are extremely durable and are typically more durable than a traditional silicone</td>
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<tr>
<td><strong>Cleanability</strong></td>
<td>Test results show resistance to degradation and deterioration against a wide variety of commercial cleaning solutions</td>
<td>Certain polyurethanes do not hold up to stringent cleaners as well as vinyl products do</td>
<td>Multi-layer silicones are highly chemical resistant and have inherent graffiti and denim dye resistance</td>
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<tr>
<td><strong>Stain Resistance</strong></td>
<td>Highly stain resistant</td>
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<tr>
<td><strong>Fluid Barrier Protection</strong></td>
<td>Inherent</td>
<td>Inherent</td>
<td>Inherent</td>
</tr>
<tr>
<td><strong>Enhanced Fade Resistance</strong></td>
<td>Typically contains UV additives for enhanced fade resistance</td>
<td>May contain UV additives for enhanced fade resistance</td>
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</tr>
<tr>
<td><strong>GREENGUARD Certification</strong></td>
<td>Stinson vinyls are GREENGUARD-certified</td>
<td>Stinson polyurethanes are GREENGUARD-certified</td>
<td>Stinson silicones are GREENGUARD-certified</td>
</tr>
<tr>
<td><strong>Aesthetics</strong></td>
<td>Many solids, patterns and textures. Print techniques provide the appearance of a woven textile while offering the performance properties of a coated fabric</td>
<td>Primarily solids and textures in faux leather aesthetics. Limited patterns and prints</td>
<td>Limited. Technology is improving for printed silicones</td>
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