NV-512
Standard/Nonasbestos Gasket Material
F33394E43M7

Description
NV-512 is a cellulose fiber material with a fully cured nitrile butadiene rubber binder for increased strength and fluid resistance. It has very high tensile strength and crush resistance, and is used in applications such as air pumps, carburetors, gear boxes and transmissions. It is intended for applications with short duration maximum temperatures up to 180°C (350°F).

Specification Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density, g/cc(lb/cu.ft)</td>
<td>0.96 (60) (min.)</td>
<td>ASTM F 1315</td>
</tr>
<tr>
<td>Compressibility, % (at 6.9MPa)</td>
<td>10 - 20</td>
<td>ASTM F 36</td>
</tr>
<tr>
<td>Recovery, %</td>
<td>60 (min.)</td>
<td>ASTM F 36</td>
</tr>
<tr>
<td>Tensile Strength, AMD, MPa(ksi)</td>
<td>20.69 (3000) (min.)</td>
<td>ASTM F 152</td>
</tr>
<tr>
<td>Fluid Resistance, IRM903 Oil</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Change in Thickness, %</td>
<td>10 (max.)</td>
<td>ASTM F 146</td>
</tr>
<tr>
<td>Change in Weight, %</td>
<td>30 (max.)</td>
<td></td>
</tr>
<tr>
<td>Fluid Resistance, Fuel B</td>
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<td></td>
</tr>
<tr>
<td>Change in Thickness, %</td>
<td>15 (max.)</td>
<td>ASTM F 146</td>
</tr>
<tr>
<td>Change in Weight, %</td>
<td>30 (max.)</td>
<td></td>
</tr>
<tr>
<td>Fluid Resistance, Distilled Water</td>
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<td></td>
</tr>
<tr>
<td>Change in Thickness, %</td>
<td>35 (max.)</td>
<td>ASTM F 146</td>
</tr>
<tr>
<td>Change in Weight, %</td>
<td>50 (max.)</td>
<td></td>
</tr>
<tr>
<td>Binder Type</td>
<td>Fully Cured Nitrile Butadiene</td>
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</tbody>
</table>

Remarks and Related Documents
Specification values determined by the test methods required for ASTM F-104, Type 3 materials.

For more information, please visit www.InterfaceMaterials.com or contact

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