SAS-614
Select-a-Seal®/Rubber Edged Composite Gasket

Description
SAS-614 combines a high density fiber carrier with a polyacrylic edge sealing bead. It is used for sealing oil and automatic transmission fluid in applications that require a high strength carrier. Typical applications include small engine, automotive, and heavy-duty diesel driveline components, with continuous service temperatures up to 150°C (300°F).

Specification Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carrier Material</td>
<td>High density, fully cured nitrile butadiene bound material with synthetic fiber blend.</td>
<td></td>
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<tr>
<td>Caliper, mm(inch)</td>
<td>0.5, 0.8, 1.0 (0.020, 0.031, 0.039)</td>
<td>ASTM F 104</td>
</tr>
<tr>
<td>Density, g/cc/lt/ft2</td>
<td>1.44 (90) (min.)</td>
<td>ASTM F 1315</td>
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<tr>
<td>Compressibility, % (at 34.5MPa)</td>
<td>12 - 20</td>
<td>ASTM F 36</td>
</tr>
<tr>
<td>Recovery, %</td>
<td>45 (min.)</td>
<td>ASTM F 36</td>
</tr>
<tr>
<td>Tensile Strength, AMD, MPa(ksi)</td>
<td>8.97 (1300) (min.)</td>
<td>ASTM F 152</td>
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</tbody>
</table>

Polymer Edge
General Description of Polymer
Polyacrylic Blend, generally used for oil and ATF applications.

ASTM Classification
M1DA302 ASTM D 2000
Temperature Rating, °C(°F)
150 (300) ASTM D 2000
Durometer Hardness, Type A
20 - 30 ASTM D 2240
Tensile Strength, Initial, MPa(ksi)
2 (290) (min.) ASTM D 412
Edge Height
Specified on part drawing. ISI M10.4X102

Remarks and Related Documents
Carrier specification values determined by the test methods required for ASTM F-104, Type 7 materials. Carrier is available with release coating per ISI 123316. Carrier caliper and release coating, and polymer edge height are specified on part drawing.

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WARNING: The description and performance data provided herein constitute a material specification for quality control purposes, but do not imply suitability for use in a specific application. Your specific application should not be undertaken without independent study and evaluation for suitability. Failure to select proper sealing products may result in either property damage or personal injury. For specific application recommendations, contact Interface Performance Materials.

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