SAS-114
Select-a-Seal®/Rubber Edged Composite Gasket

Description
SAS-114 combines a medium density fiber carrier with a polyacrylic edge sealing bead. It is used for sealing oil and automatic transmission fluid in applications that require the carrier to conform to irregular flange surfaces. It is intended for continuous service at temperatures up to 135°C (275°F).

Specification Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carrier Material</td>
<td>SAS-1</td>
<td></td>
</tr>
<tr>
<td>General Description of Carrier</td>
<td>Medium density, nitrile butadiene bound material with reinforced cellulose fiber.</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(lb/cu.ft)</td>
<td>1.20 (75) (min.)</td>
<td>ASTM F 1315</td>
</tr>
<tr>
<td>Compressibility, % (at 34.5MPa)</td>
<td>15 - 30</td>
<td>ASTM F 36</td>
</tr>
<tr>
<td>Recovery, %</td>
<td>35 (min.)</td>
<td>ASTM F 36</td>
</tr>
<tr>
<td>Tensile Strength, AMD, MPa(psi)</td>
<td>11.03 (1600) (min.)</td>
<td>ASTM F 152</td>
</tr>
</tbody>
</table>

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

ASTM Classification
M1DA302

Temperature Rating, ºC(ºF)
150 (300)

Durometer Hardness, Type A
20 - 30

Tensile Strength, Initial, MPa(psi)
2 (290) (min.)

Edge Height
Specified on part drawing.

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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