SAS-214
Select-a-Seal®/Rubber Edged Composite Gasket

Description
SAS-214 combines a low 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 extreme irregularities such as plastic parts, as-cast aluminum, and thin metal stampings. 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-2</td>
<td></td>
</tr>
<tr>
<td>General Description of Carrier</td>
<td>Low density, nitrile butadiene bound material with reinforced cellulose fiber.</td>
<td></td>
</tr>
<tr>
<td>Caliper, mm(inch)</td>
<td>0.5, 0.8, 1.0, 1.2 (0.020, 0.031, 0.039, 0.047)</td>
<td>ASTM F 104</td>
</tr>
<tr>
<td>Density, g/ccft(lb/cu.ft)</td>
<td>0.87 (54) (min.)</td>
<td>ASTM F 1315</td>
</tr>
<tr>
<td>Compressibility, % (at 34.5MPa)</td>
<td>28 - 42</td>
<td>ASTM F 36</td>
</tr>
<tr>
<td>Recovery, %</td>
<td>20 (min.)</td>
<td>ASTM F 36</td>
</tr>
<tr>
<td>Tensile Strength, AMD, MPA(psi)</td>
<td>8.62 (1250) (min.)</td>
<td>ASTM F 152</td>
</tr>
<tr>
<td>Polymer Edge</td>
<td>SAS-14</td>
<td></td>
</tr>
<tr>
<td>General Description of Polymer</td>
<td>Polyacrylic Blend, generally used for oil and ATF applications.</td>
<td></td>
</tr>
<tr>
<td>ASTM Classification</td>
<td>M1DA302</td>
<td>ASTM D 2000</td>
</tr>
<tr>
<td>Temperature Rating, °C(°F)</td>
<td>150 (300)</td>
<td>ASTM D 2000</td>
</tr>
<tr>
<td>Durometer Hardness, Type A</td>
<td>20 - 30</td>
<td>ASTM D 2240</td>
</tr>
<tr>
<td>Tensile Strength, Initial, MPA(psi)</td>
<td>2 (290) (min.)</td>
<td>ASTM D 412</td>
</tr>
<tr>
<td>Edge Height</td>
<td>Specified on part drawing.</td>
<td>ISI M10.4X102</td>
</tr>
</tbody>
</table>

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

TECHNICAL CENTER
Lydall Performance Materials (US), Inc.
215 Wohlsen Way
Lancaster, PA 17603
USA
AE@InterfaceMaterials.com
+1.717.207.6000

NORTH AMERICAN SALES OFFICE
Lydall Performance Materials (US), Inc.
22260 Haggerty Road, Suite 200
Northville, MI 48167
USA
+1.248.596.2880

ASIA PACIFIC
Interface Sealing Solutions Shanghai Co., LTD
Unit 14F, No. 728 Yan An Road West, Changning District
Shanghai 200050
China
+8621.5238.5650

INDIA
Lydall Performance Materials India LLP
Mandkola Road, Vill. Atta, Sohna,
Distt: Mewat, Nuh-122103 (Haryana)
+91 8930992166

GERMANY
Lydall Performance Materials Altenkirchen GmbH
Koblenzer Straße
57610 Altenkirchen
Germany
+49 26818002-0

EUROPE
Lydall Performance Materials Europe
Maison Lili Pean
64240 Bonloc
France
+33 (0) 5.59.29.12.20