

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

| Property | Value | Method |
|-------------------------------------|--|---------------|
| Carrier Material | SAS-2 | |
| General Description of Carrier | Low density, nitrile butadiene bound material with reinforced cellulose fiber. | |
| Caliper, mm(inch) | 0.5, 0.8, 1.0, 1.2 (0.020, 0.031, 0.039, 0.047) | ASTM F 104 |
| Density, g/cc(lb/cu.ft) | 0.87 (54) (min.) | ASTM F 1315 |
| Compressibility, % (at 34.5MPa) | 28 - 42 | ASTM F 36 |
| Recovery, % | 20 (min.) | ASTM F 36 |
| Tensile Strength, AMD, MPa(psi) | 8.62 (1250) (min.) | ASTM F 152 |
| Polymer Edge | SAS-14 | |
| 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(psi) | 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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