

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

Property	Value	Method
Carrier Material	SAS-1	
General Description of Carrier	Medium density, nitrile butadiene bound material with reinforced cellulose fiber.	
Caliper, mm(inch)	0.8, 1.0 (0.031, 0.039)	ASTM F 104
Density, g/cc(lb/cu.ft)	1.20 (75) (min.)	ASTM F 1315
Compressibility, % (at 34.5MPa)	15 - 30	ASTM F 36
Recovery, %	35 (min.)	ASTM F 36
Tensile Strength, AMD, MPa(psi)	11.03 (1600) (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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For more information, please visit www.InterfaceMaterials.com or contact

WORLD HEADQUARTERS
Interface Performance Materials, Inc.
216 Wohlsen Way
Lancaster, PA 17603
USA
+1.717.207.6000

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

NORTH AMERICA
Interface Performance Materials, Inc.
22260 Haggerty Road, Suite 200
Northville, MI 48167
USA
+1.248.596.2800

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
Interface Performance Materials India LLP
Mandkola Road, Vill. Atta, Sohna,
Distt: Mewat, Nuh-122103 (Haryana)
+91.0124.8930992166

EUROPE & SOUTH AMERICA
Interface Sealing Solutions Europe
Lili Pean, Le Bourg
Bonloc 64240
France
+33.5.5929.1220

GERMANY
Interface Performance Materials
Altenkirchen GmbH
P.O. Box 12 63
Koblenzer Strasse
Altenkirchen D-57610
Germany
+49.2681.80020