

SAS-1114

Select-a-Seal®/Rubber Edged Composite Gasket

Description

SAS-1114 combines a high density fiber carrier with a polyacrylic edge sealing material for oil, air, and transmission fluid sealing applications. The carrier is available in 0.5mm gauge only, and is specifically formulated for maximum bolt load retention in applications with continuous service temperatures up to 150°C (300°F). It can tolerate a maximum temperature of 232°C (450°F) for up to 1 hour.

Specification Properties

Property	Value	Method
Carrier Material	SAS-11	
General Description of Carrier	High density, fully cured nitrile butadiene bound material with synthetic fiber blend. Specifically formulated for maximum bolt load retention.	
Caliper, mm(inch)	0.457 - 0.559 (0.018 - 0.022)	ASTM F 104
Density, g/cc(lb/cu.ft)	1.44 (90) (min.)	ASTM F 1315
Compressibility, % (at 34.5MPa)	10 - 18	ASTM F 36
Recovery, %	55 (min.)	ASTM F 36
Tensile Strength, AMD, MPa(psi)	6.21 (900) (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.

EnCore®, Hydro-Fused®, MicroPore®, Pro-Formance®, Select-a-Seal®, Select-a-Shield®, Synthesal®, Thermo-Tork®, and Voltoid® are registered trademarks of Interface Performance Materials, Inc. PureGuard™ is a trademark of Interface Performance Materials.

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. INTERFACE PERFORMANCE MATERIALS EXPRESSLY DISCLAIMS ALL WARRANTIES EITHER EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT WILL INTERFACE BE LIABLE FOR ANY INDIRECT, SPECIAL, INCIDENTAL, CONSEQUENTIAL OR PUNITIVE DAMAGES, HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THE INFORMATION CONTAINED IN ITS SPECIFICATION DATA SHEETS, ITS PRODUCTS OR THEIR FUTURE USE BY YOU OR ANY THIRD PARTIES, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Revised 07/06/17

Form SPDS-01 6/13/17

©2017 Interface Performance Materials, Inc.

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

Interface
Performance Materials