

SAS-121

Select-a-Seal®/Rubber Edged Composite Gasket

Description

SAS-121 combines a medium density fiber carrier with a styrene butadiene rubber sealing bead. It is used for sealing water and coolant mixtures in applications that require the carrier to conform to irregular flange surfaces. It is intended for continuous service at temperatures up to 125°C (257°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)	0.5, 0.8, 1.0 (0.020, 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-21	
General Description of Polymer	Styrene Butadiene Rubber Blend, generally used for water and coolant applications.	
ASTM Classification	M1CA503	ASTM D 2000
Temperature Rating, °C(°F)	125 (257)	ASTM D 2000
Durometer Hardness, Type A	45 - 55	ASTM D 2240
Tensile Strength, Initial, MPa(psi)	3 (435) (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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