



Specification Data Sheet



CS-301

Standard/Nonasbestos Gasket Material
F339996E99M9

Description:

CS-301 has a controlled-swell styrene butadiene rubber binder. It is intended for use in applications with water, high aniline point oil, and other applications not including aromatic fuels and certain solvents, and with short duration maximum temperatures up to 180°C (350°F).

Property:	Specification:	Method:
Density, g/cc(lb/cu.ft)	0.61 (38) (min.)	ASTM F 1315
Compressibility, % (at 6.9MPa)	25 - 40	ASTM F 36
Recovery, %	30 (min.)	ASTM F 36
Tensile Strength, AMD, MPa(psi)	4.83 (700) (min.)	ASTM F 152
Fluid Resistance, IRM903 Oil		ASTM F 146
Change in Thickness, %	30 (max.)	
Change in Weight, %	105 (max.)	
Fluid Resistance, Fuel B		ASTM F 146
Change in Thickness, %	35 (max.)	
Change in Weight, %	95 (max.)	
Fluid Resistance, Distilled Water		ASTM F 146
Change in Thickness, %	30 (max.)	
Change in Weight, %	60 (max.)	
Binder Type	Styrene Butadiene	

Remarks and Related Documents:

Specification values determined by the test methods required for ASTM F-104, Type 3 materials.

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North American Sales Office:

Interface Sealing Solutions
22260 Haggerty Road , Suite 200

Tel: (248) 596-2800
Fax: (248) 596-2880

Northville, MI 48167

Corporate Headquarters

Interface Solutions, Inc.
216 Wohlsen Way
Lancaster, PA 17603-4043
717-207-6000
[HTTP://WWW.SEALINFO.COM](http://www.sealinfo.com)

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