

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).

Specification Properties

Property	Value	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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