



Material Specification

S-207

Standard/Nonasbestos Gasket material
F339999E99M9

Description

S-207 is a cellulose fiber gasket material with controlled-swell styrene butadiene rubber binder. It is a suitable replacement for asbestos fiber gasket materials, saturated papers, and is used in many oil and coolant applications in the aftermarket. It is intended for use in applications with short duration maximum temperatures up to 180°C (350°F).

Specification Properties

<u>Property</u>	<u>Value</u>	<u>Method</u>
Density, g/cc(lb/cu.ft)	0.88 (55) (min.)	ASTM F 1315
Compressibility, % (at 6.9MPa)	10 - 30	ASTM F 36
Recovery, %	30 (min.)	ASTM F 36
Tensile Strength, AMD, MPa(psi)	9.66 (1400) (min.)	ASTM F 152
Fluid Resistance, IRM903 Oil		ASTM F 146
Change in Thickness, %	35 (max.)	
Change in Weight, %	70 (max.)	
Fluid Resistance, Fuel B		ASTM F 146
Change in Thickness, %	50 (max.)	
Change in Weight, %	65 (max.)	
Fluid Resistance, Distilled Water		ASTM F 146
Change in Thickness, %	50 (max.)	
Change in Weight, %	65 (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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