

Specification Data Sheet

S-8091

Syntheseal®/Nonasbestos Gasket Material F724900E09M9

DESCRIPTION

S-8091 is controlled-swell, Latent cure styrene butadiene bound material with reinforced cellulose fiber. It is intended for applications sealing oil, fuel, and low-pressure steam with short duration maximum temperatures up to 180°C (350°F).

SPECIFICATION PROPERTIES

Property	Value	Method
Density, g/cc(lb/cu.ft)	1.20 (75) (min.)	ASTM F 1315
Compressibility, % (at 34.5MPa)	15 - 25	ASTM F 36
Recovery, %	25 (min.)	ASTM F 36
Tensile Strength, AMD, MPa(psi)	12.41 (1800) (min.)	ASTM F 152
Fluid Resistance, IRM903 Oil		ASTM F 146
Change in Thickness, %	30 - 75	
Fluid Resistance, Fuel B		ASTM F 146
Change in Thickness, %	25 - 50	
Binder Type	Styrene Butadiene	

REMARKS AND RELATED DOCUMENTS

Specification values determined by the test methods required for ASTM F-104, Type 7 materials.

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