

# ATLANTIC GASKET CORP.

3908 Frankford Avenue Philadelphia, PA 19124 USA

Phone: 215-533-6400 Fax: 215-533-4130

www.atlanticgasket.com sales@atlanticgasket.com

## **S-8091**

**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).

### Property:

### Specification:

### 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.

The information on this data sheet is based on laboratory test data we believe to be accurate, relevant and reliable. Please look upon these values as guides rather than absolutes. Since actual service conditions for a given application may vary substantially from standard laboratory conditions, specific recommendations or warranties relative to a specific end use cannot be made. The buyer is urged to conduct its own investigations and qualification tests to determine suitability for its intended application. Atlantic Gasket Corp. shall not be liable for any damages arising out of the use of any of its guide specifications.