

# ATLANTIC GASKET CORP.

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## N-8090

Nonasbestos Gasket Material

F724900E49M6

### Description:

N-8090 has a latent cure nitrile butadiene rubber binder and reinforced cellulose fiber. It has excellent oil resistance, good sealing characteristics, and is intended for applications with short duration maximum temperatures up to 180°C (350°F). N-8090 has UL component recognition.

### Property:

### Specification:

### Method:

Density, g/cc(lb/cu.ft)

1.28 (80) (min.)

ASTM F 1315

Compressibility, % (at 34.5MPa)

15 - 25

ASTM F 36

Recovery, %

35 (min.)

ASTM F 36

Tensile Strength, AMD, MPa(psi)

13.79 (2000) (min.)

ASTM F 152

Fluid Resistance, IRM903 Oil

ASTM F 146

Change in Tensile Strength, %

45 (max.)

Change in Thickness, %

30 (max.)

Change in Compressibility, %

50 (max.)

Fluid Resistance, Fuel B

ASTM F 146

Change in Thickness, %

20 (max.)

Change in Weight, %

30 (max.)

Binder Type

Nitrile 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.