

# SPECIFICATION DATA SHEET

## CN-705

### Standard/Nonasbestos Gasket Material

F339199E99M9

#### Description:

CN-705 is a low-density, nitrile butadiene bound material that is suitable for use with oil, gasoline, and water. It is intended for use in applications 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, %                       | 25 (min.)         | ASTM F 36   |
| Tensile Strength, AMD, MPa(psi)   | 5.52 (800) (min.) | ASTM F 152  |
| Fluid Resistance, IRM903 Oil      |                   | ASTM F 146  |
| Change in Thickness, %            | 15 (max.)         |             |
| Change in Weight, %               | 70 (max.)         |             |
| Fluid Resistance, Fuel B          |                   | ASTM F 146  |
| Change in Thickness, %            | 25 (max.)         |             |
| Change in Weight, %               | 75 (max.)         |             |
| Fluid Resistance, Distilled Water |                   | ASTM F 146  |
| Change in Thickness, %            | 25 (max.)         |             |
| Change in Weight, %               | 50 (max.)         |             |
| Binder Type                       | Nitrile Butadiene |             |

#### Remarks and Related Documents:

Specification values determined by the test methods required for ASTM F-104, Type 3 materials.

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