

TN-9000

Thermo-Tork®/Nonasbestos Gasket Material

F729900E33M9

Description

TN-9000 has a fully cured nitrile butadiene binder with Aramid fiber. It has good tensile strength, low creep relaxation, and excellent fuel and oil resistance. It is intended for applications with high flange pressures and temperatures, with short duration maximum temperatures up to 400°C (750°F).

Specification Properties

| Property | Value | Method |
|---------------------------------|-------------------------------|-------------|
| Density, g/cc(lb/cu.ft) | 1.44 (90) (min.) | ASTM F 1315 |
| Compressibility, % (at 34.5MPa) | 7 - 17 | ASTM F 36 |
| Recovery, % | 50 (min.) | ASTM F 36 |
| Tensile Strength, AMD, MPa(psi) | 17.24 (2500) (min.) | ASTM F 152 |
| Fluid Resistance, IRM903 Oil | | ASTM F 146 |
| Change in Tensile Strength, % | 35 (max.) | |
| Change in Thickness, % | 10 (max.) | |
| Change in Compressibility, % | 30 (max.) | |
| Fluid Resistance, Fuel B | | ASTM F 146 |
| Change in Thickness, % | 15 (max.) | |
| Change in Weight, % | 20 (max.) | |
| Binder Type | Fully Cured Nitrile Butadiene | |

Remarks and Related Documents

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

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