

Product Information Sheet

NV-519

Standard/Nonasbestos Gasket Material F332949M8

DESCRIPTION

NV-519 is a cellulose fiber material with thermoset resin and nitrile butadiene rubber binder. It has excellent tensile strength, crush resistance, and erosion resistance against high volume fluid flow and impingement. It is used primarily in automatic transmission valve body, pump, and accumulator/channel plate applications as well as carburetors and air compressors. 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) | 0.96 (60) (min.) | ASTM F 1315 |
| Compressibility, % (at 6.9MPa) | 5 - 15 | ASTM F 36 |
| Recovery, % | 60 (min.) | ASTM F 36 |
| Tensile Strength, AMD, MPa(psi) | 27.59 (4000) (min.) | ASTM F 152 |
| Fluid Resistance, IRM903 Oil | | ASTM F 146 |
| Change in Thickness, % | 10 (max.) | |
| Change in Weight, % | 30 (max.) | |
| Fluid Resistance, Dexron VI | | ASTM F 146 |
| Change in Thickness, % | 10 (max.) | |
| Change in Weight, % | 30 (max.) | |
| Fluid Resistance, Distilled Water | | ASTM F 146 |
| Change in Thickness, % | 70 (max.) | |
| Change in Weight, % | 70 (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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