

# SPECIFICATION DATA SHEET

## PF-5N

Pro-Formance®/MicroPore® Nonasbestos Gasket Material  
F729100E93M9

### Description

PF-5N is a high density material with fully cured nitrile butadiene rubber binder for added fuel and oil resistance. It is recommended to replace calendered or joint sheet materials in applications with short duration maximum temperatures up to 230°C (440°F).

### Specification Properties

| Property                        | Value                         | Method      |
|---------------------------------|-------------------------------|-------------|
| Density, g/cc(lb/cu.ft)         | 1.44 (90) (min.)              | ASTM F 1315 |
| Compressibility, % (at 34.5MPa) | 5 - 20                        | ASTM F 36   |
| Recovery, %                     | 55 (min.)                     | ASTM F 36   |
| Tensile Strength, AMD, MPa(psi) | 14.48 (2100) (min.)           | ASTM F 152  |
| Fluid Resistance, IRM903 Oil    |                               | ASTM F 146  |
| Change in Tensile Strength, %   | 45 (max.)                     |             |
| Change in Thickness, %          | 15 (max.)                     |             |
| Change in Compressibility, %    | 25 (max.)                     |             |
| Fluid Resistance, Fuel B        |                               | ASTM F 146  |
| Change in Thickness, %          | 15 (max.)                     |             |
| Change in Weight, %             | 25 (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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