

# SPECIFICATION DATA SHEET

## NI-2097A

Standard/Nonasbestos Cylinder Head Facing Material

F729190E93M9

### Description:

NI-2097A is a non-asbestos cylinder head facing material with inorganic fillers and fibers encapsulated by nitrile butadiene rubber binder. It is suitable for Original Equipment or Aftermarket use, combines easily on perforated metal core, and has good sealability and creep relaxation properties.

### Specification Properties:

| Property                             | Value             | Method      |
|--------------------------------------|-------------------|-------------|
| Density, g/cc(lb/cu.ft)              | 1.22 (76) (min.)  | ASTM F 1315 |
| Compressibility, % (at 34.5MPa)      | 35 (max.)         | ASTM F 36   |
| Recovery, %                          | 30 (min.)         | ASTM F 36   |
| Tensile Strength, AMD, MPa(psi)      | 3.10 (450) (min.) | ASTM F 152  |
| Fluid Resistance, IRM903 Oil         |                   | ASTM F 146  |
| Change in Thickness, %               | 15 (max.)         |             |
| Change in Weight, %                  | 45 (max.)         |             |
| Fluid Resistance, Fuel B             |                   | 46          |
| Change in Thickness, %               | 15 (max.)         |             |
| Change in Weight, %                  | 35 (max.)         |             |
| Fluid Resistance, Glycol/Water 50/50 |                   | 46          |
| Change in Thickness, %               | 30 (max.)         |             |
| Change in Weight, %                  | 80 (max.)         |             |
| Binder Type                          | Nitrile Butadiene |             |

MT055XPRO3

### Remarks and Related Documents:

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

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Specification Data Sheet

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