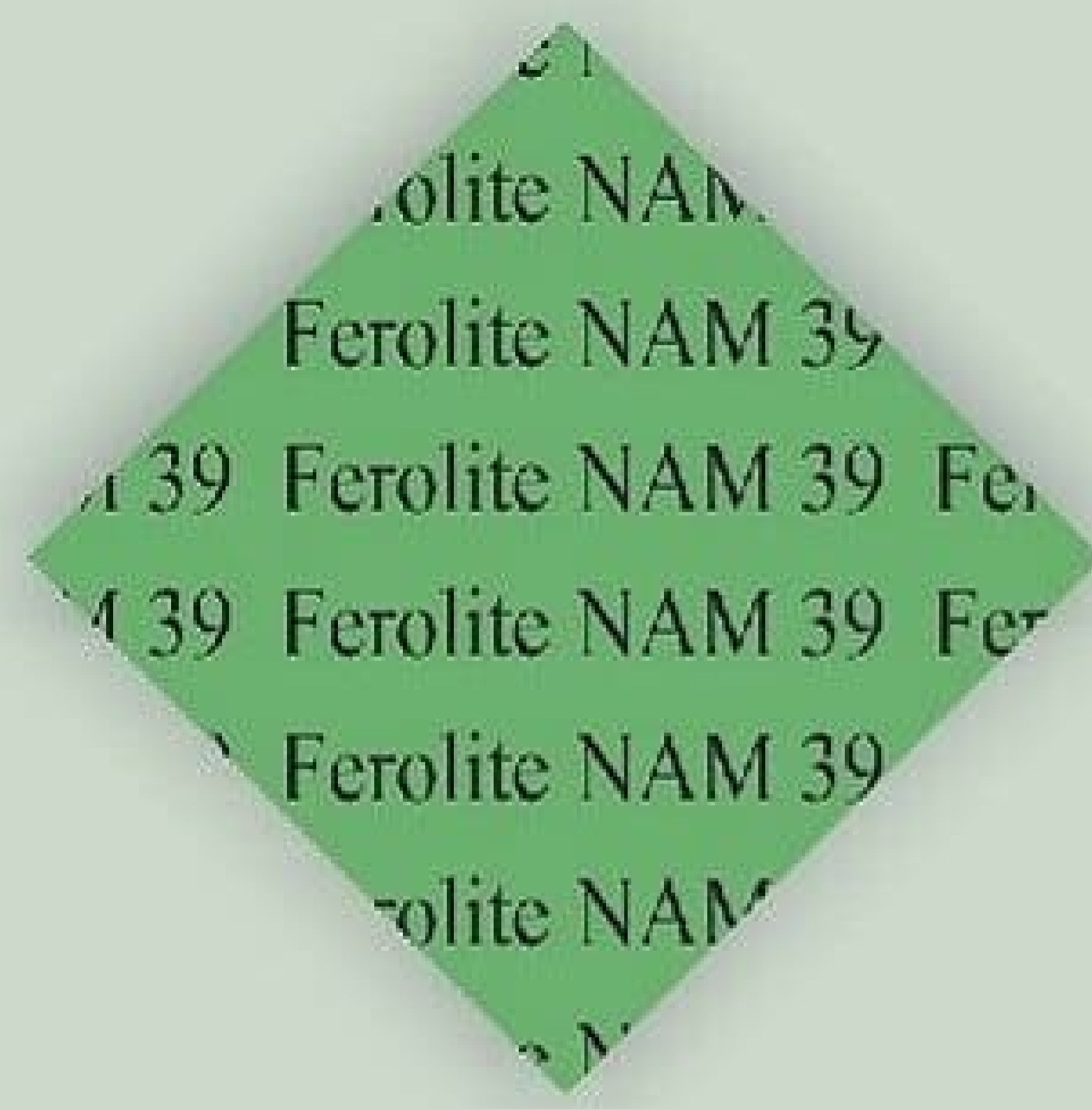


FEROLITE NAM 39 NON ASBESTOS GASKET JOINTING SHEET



Applications:

Water/Oil resistant gasket material for light to medium loading. Suitable for low operating pressure, e.g. transformers, compressors and also used for easily deformable components with low surface pressure like valve covers and pans in internal combustion engines.

Material Composition (Type of fibres)

Cellulose Fibre, Mineral Fibre & Organic Fibre.

Binders

NBR

OPERATING CONDITION

| | |
|---|-----------------------|
| Max. Peak Temp | 250°C |
| Max. Continuous Temp | 180°C |
| Max. Continuous Temp. with steam | 120°C |
| Max. Operating Pressure | 50 Kg/cm ² |

Physical Properties:

The following Information applies to material thickness 2.0 mm.

| S.NO. | PROERTIES | TEST METHOD | UNIT | SPECIFIED VALUE |
|-------|------------------------------------|-------------|-----------------------|-----------------|
| 1. | DENSITY | | gm/cm ³ | 1.70 - 2.00 |
| 2. | TENSILE STRENGTH | | | |
| | (a) ACC to ASTM F152(ACROSS GRAIN) | | N/mm ² | > 7 |
| | (b) ACC to DIN52910 (ACROSS GRAIN) | | N/mm ² | > 5 |
| 3. | COMPRESSIBILITY | ASTM F36A | % | 5 – 15 |
| 4. | RECOVERY | ASTM F36A | % | > 40 |
| 5. | FLUID ABSORPTION | ASTM F 146 | | |
| | (a) IN ASTM OIL NO. 3 | | | |
| | INCREASE IN MASS | | % | < 15 |
| | INCREASE IN THICKNESS | | % | < 10 |
| | (b) IN FUEL B | ASTM F 146 | | |
| | INCREASE IN MASS | | % | < 10 |
| | INCREASE IN THICKNESS | | % | < 10 |
| | (c) IN WATER/ANTIFREEZE | ASTM F 146 | | |
| | INCREASE IN MASS | | % | < 15 |
| | INCREASE IN THICKNESS | | % | < 15 |
| 6. | IGNITION LOSS | DIN 52911 | % | < 40 |
| 7. | SEALABILITY AGAINST Nitrogen | DIN 3535 | cm ³ /min. | - |
| 8. | STRESS RESISTANCE | | | |
| | 16h 300°C | DIN 52913 | N/mm ² | - |
| | 16h 175°C | DIN 52913 | N/mm ² | - |