NHÀ PHÂN PHỐI ỦY QUYỀN: CÔNG TY VINDEC

Website: https://vindec.vn

# Technical Data Sheet

Ferolite®

## FEROLITE NAM 32N NON ASBESTOS GASKET JOINTING SHEET

VINDEC

**Applications:**

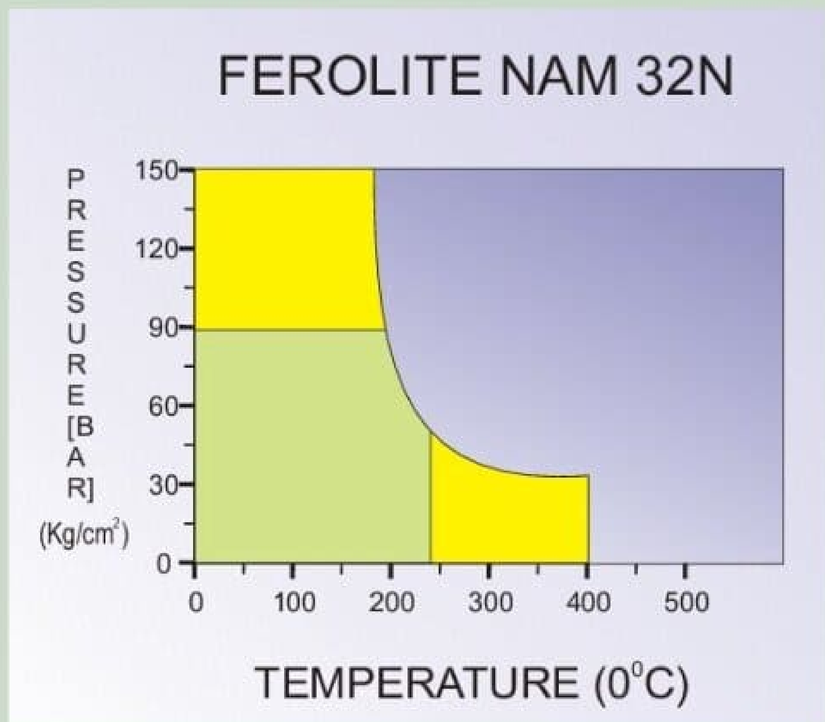
High performance gasket material with high temperature resistance, oil resistance & high resilience. Neoprene Binder, water, gases, fuels and versatile media resistance properties. Excellent thermal, chemical & mechanical properties.

**General data:**

| | |
|---|---|
| **Material Composition (Type of fibres)** | Aramid Fibre, Mineral Fiber |
| **Binders** | Neoprene Elastomers |

**OPERATING CONDITION**

| | |
|---|---|
| **Max.Peak Temp** | 400°C |
| **Max. Continuous Temp** | 270°C |
| **Max.Continuous Temp.with steam** | 240°C |
| **Max. Operating Pressure** | 150 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$^2$ | > 10.5 |
| | (b) ACC to DIN52910 (ACROSS GRAIN) | | N/mm$^2$ | > 8 |
| 3. | COMPRESSIBILITY | ASTM F36A | % | 5 – 15 |
| 4. | RECOVERY | ASTM F36A | % | > 50 |
| 5. | FLUID ABSORPTION | ASTM F 146 | | |
| | (a) IN ASTM OIL NO. 3 | | | |
| | INCREASE IN MASS | | % | < 10 |
| | 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 | | % | < 10 |
| | INCREASE IN THICKNESS | | % | < 7 |
| 6. | IGNITION LOSS | DIN 52911 | % | < 30 |
| 7. | SEALABILITY AGAINST Nitrogen | DIN 3535 | cm$^3$/min. | < 1.0 |
| 8. | STRESS RESISTANCE | | | |
| | 16h 300°C | DIN 52913 | N/mm$^2$ | ~ 20 |
| | 16h 175°C | DIN 52913 | N/mm$^2$ | ~ 30 |