

BA-R203

Basis

Aramide fibers, NBR, Wire-reinforced

Application

Gasket material for medium loadings.
Good resistance to water, gases, oils, fuels.

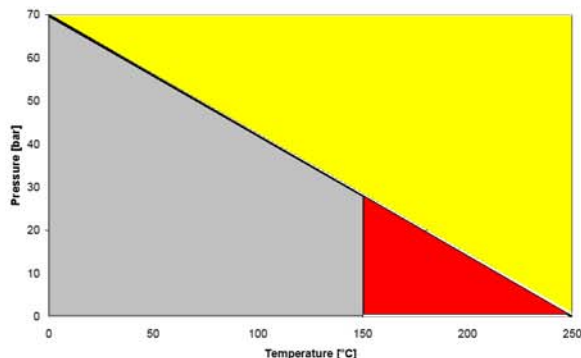





TECHNICAL DATA

Typical values for a thickness of 1,5 mm

| | | | |
|----------------------------------|-------------|-------------------|---------|
| Density | DIN 3754 | g/cm ³ | 2,2 |
| Ignition loss | DIN 52911 | % | |
| Compressibility | ASTM F 36/J | % | 8 |
| Recovery | ASTM F/36/J | % | 50 |
| Tensile strength | DIN 52910 | N/mm ² | 13 |
| Stress resistance | DIN 52913 | | |
| 16h, 175°C, 50N/mm ² | | N/mm ² | 25 |
| Specific Leak Rate | DIN 3535/6 | mg/sm | <1 |
| Thickness increase | ASTM F 146 | | |
| Oil IRM 903, 5h, 150°C | | % | 10 |
| Mass increase | | | |
| Oil IRM 903, 5h, 150°C | | % | 10 |
| Max. operating conditions | | | |
| Peak temperature | | °C/F | 250/482 |
| Continuous temperature | | °C/F | 200/392 |
| - with steam | | °C/F | 160/320 |
| Pressure | | bar/psi | 70/1015 |

* Temperature and pressure represent maximum values and should not be simultaneously. They are given only as guidance, since they depend not only on the type of gasket material but also on the assembly conditions. Very important factors are: thickness of material, nature of service medium and type of flange and surface stress. Steam application requires special consideration.



-  General suitability using common installation practices under the condition of chemical compatibility.
-  Max. performance is ensured through appropriate measures for joint design and gasket installation. Consultation is recommended.
-  Limited application area - Technical

All information data are based on years of experience in production and operation of sealing elements. However, in view of the wide variety of possible installation and operating conditions one cannot draw final conclusions in all application cases regarding the behavior in gasket joint. The data may not, therefore, be used to support any warranty claims.