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BA-R203

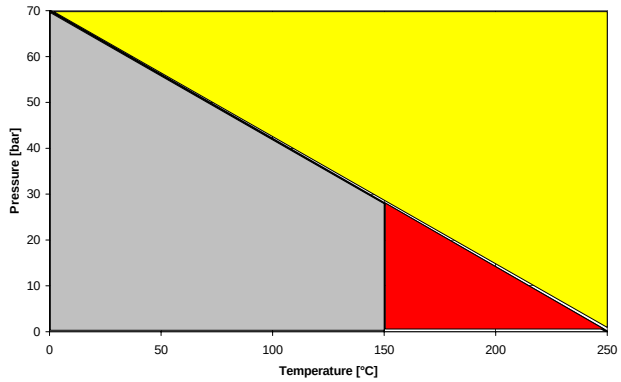
Basis
Aramide fibers, NBR, Wire-reinforced

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 essembly 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.