



PROPERTIES AND APPLICATIONS

Gasket material with very good thermal properties and chemical resistance to steam, oil, gases, fuels, alkaline media and weak acid.

Composition	Synthetic fibers, Graphite, NBR
Approvals	BAM (Oxygen)

SURFACE TREATMENT

Treatment with graphite, PTFE or antistick coating is available on request.

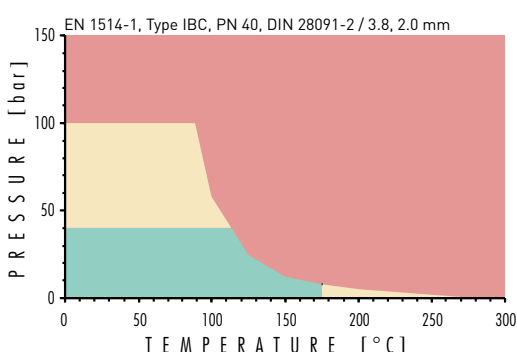
DIMENSIONS OF STANDARD SHEET

Sheet size (mm): 1000 x 1500 | 1500 x 1500
 Thickness (mm): 0.5 | 0.8 | 1.0 | 1.5 | 2.0 | 3.0
 Other dimensions and thicknesses on request.

TECHNICAL DATA Typical values for a thickness of 2 mm

Compressibility	ASTM F 36J	%	7
Recovery	ASTM F 36J	%	50
Tensile strength	DIN 52910	MPa	9
Stress resistance	DIN 52913		
16h, 300°C, 50MPa		MPa	25
16h, 175°C, 50MPa		MPa	35
Specific leak rate	DIN 3535-6	mg/(s•m)	0.08
Thickness increase	ASTM F 146		
Oil IRM 903, 5h, 150°C		%	5
ASTM Fuel B, 5h, 23°C		%	8
Max. operating conditions			
Peak temperature		°C/°F	350/662
Continuous temperature		°C/°F	280/536
- with steam		°C/°F	250/482
Pressure		bar/psi	100/1450

P-T DIAGRAM



- 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 consultation is mandatory.

The Pressure - Temperature charts are the most current method of determining the suitability of a gasket material in a known application. Maximum figures for temperature and pressure can be misleading. Max. temperature and max. pressure represent maximum values and should not be used simultaneously. They are given only for guidance, since these max. values depend not only on the type of gasket material but also on the assembly conditions. Use the pressure and temperature graphs to check suitability of chosen gasket material for your application (combination of pressure and temperature).