

30 A, Sompura Industrial Area, 1st Stage, Dobbespeta, Bengaluru Rural District, Karnataka-562111.

TECHNICAL DATA SHEET: BG2010

Description: A superior universal quality asbestos-free gasket material suitable for sealing joints with high operating pressures, transmission oils, hydraulic oils, refrigerating oils, motor oils and fuels, alkaline solutions and solvents, sealing of Freon, cold & hot water and steam. Material Classification: DIN 28091-FA-AM1-O and Conforms to BS 7531 Grade X.

Properties	Aramid and mineral fibers with NBR.
Density (g/cm ³) DIN 53479	1.7 to 2.0
Compressibility % ASTM F36J	5 - 12
Recovery % ASTM F36J	50 (min)
Tensile Strength (N/mm ²) across fiber ASTM F 152	10 (min)
Stress Resistance (N/mm ²) DIN 52913 (16 hours, 50 N/mm ²) 175 deg C 300 deg C	28 (min) 20 (min)
Oil Resistance Test ASTM F 146 IRM 903 (150 deg C, 5 hours) Thickness Increase % Weight Increase % ASTM Oil Fuel B (RT 5 hours) Thickness Increase % Weight Increase %	10 (max) 10 (max) 10 (max) 10 (max)
Loss On Ignition	34 (max)
Sealability against Nitrogen DIN 3535 cc/min	1 (max)
Maximum Operating Conditions Short-term Peak Temperature (deg C) Continuous Temperature (deg C)	350 250
Maximum Pressure (bar) Normal Operating Pressure (bar)	120 90

Typical Values for a thickness of 2 mm. Note: The values mentioned in the attached data sheets are based on actual tests carried out in our laboratory. The end user should carry out tests independently to determine suitability of our material for their application. The gasket sheet should not be subjected to maximum temperature and pressure values simultaneously. Sheet Size: 1500 mm x 1500 mm (acc. To DIN 28091-1). Nominal thicknesses and tolerances acc. to DIN 28091-1 (mm). Limits of size within a delivery. 0.50:±0.10, 0.80:±0.10, 1.00:±0.10, 1.50:±0.15, 2.00:±0.20, 3.00:±0.30, 4.00:±0.40 Max. Difference in thickness in a sheet: Sheet thickness ■1.00 mm = 0.1 mm; > 1.00 mm = 0.2 mm.