



Asbestos free materials for general purposes

Abstract:

The present technical specification defines some "asbestos free" materials, to be considered equivalent for the application purposes they are intended for.

Listed materials in this document are the only ones approved at the date of creation or last revision of this technical specification.

Basrur Uniseal Pvt. Ltd.

BG1080

TECHNICAL DATA SHEETS :

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

Grade BG 1080:

Description: Low cost asbestos-free jointing material made from cellulose and recycled fibres. Suitable replacement for asbestos jointing sheets. Recommended for sealing oil, fuels and water in applications with operating temperatures up to 120 deg C.

Properties	Low Cost jointing sheet
Density (g/cm ³) DIN 53479	1.5 to 1.9
Compressibility % ASTM F36A	5 to 15
Recovery % ASTM F36A	35 (min)
Tensile Strength (N/mm ²) across fibre ASTM F 152	5 (min)
Oil Resistance Test ASTM F 146 ASTM Oil No. 3 (150 deg C, 5 hours)	
Thickness Increase %	15 (max)
Weight Increase %	15 (max)
ASTM Oil Fuel B (RT 5 hours)	
Thickness Increase %	15 (max)
Weight Increase %	15 (max)
Maximum Operating Conditions (deg C)	
Short-term Peak Temperature	150
Continuous Temperature	120