

POWER[®]gasket 100

Product name:	POWER [®] gasket 100	Material data sheet No.:	D – 0015-1-EN	Date:	13. 09. 2014
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Construction:

POWER[®]gasket 100 is a non-asbestos jointing-sheet material produced from a blend of fibers, bonded with Nitrile rubber (NBR).

Application / service:

POWER[®]gasket 100 is an excellent general service sheet, formulated to handle medium pressures and temperatures. Suitable for water, petroleum derivatives, diluted alkalis, brine, animal and vegetable oils, general chemicals, aliphatic and aromatic solvents, neutral solutions etc. POWER[®]gasket 100 is also recommended as an economic insert for PTFE-envelope-gaskets.

Technical data:

Operating temperature: -40°C to +200°C
 Non-standard temperature: up to +210°C
 Operating pressure: 0 up to 30 bar
 Non-standard pressure: up to 50 bar
 Colour: light green

Product standard:

Thickness: 1,0 • 1,6 • 2,0 and 3,0 mm
 Sheet size: 1.500 x 1.550 mm

TYPICAL PHYSICAL PROPERTIES:

Test method	Physical properties	Values
ASTM F 36	Compressibility	10 - 20 %
ASTM F 36	Recovery	> 35 %
ASTM F 38	Creep Relaxation	30 %
ASTM F 146	Weight increase: 5h/ASTM IRM 903 @ +150 °C 5h / ASTM Fuel B @ +21÷29 °C	0 ÷ 10 % 10 % max.
ASTM F 146	Thickness increase: 5h/ASTM IRM 903 @ +150 °C 5h / ASTM Fuel B @ +21÷29 °C	4 % 8 %
ASTM F 152	Tensile strength, transverse	4 N/mm ²
-	Density	cca 1,75 g/cm ³

