# POWER®gasket 100

Product name: POWER®gasket 100 Material data sheet No.: D - 0015-1-EN Date: 13. 09. 2014
Revision Date: 11. 12. 2024 Page: 1/1



### **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-envelopegaskets.

#### **Product standard:**

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

# **Technical data:**

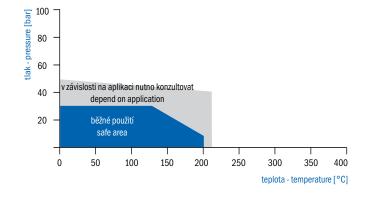
Colour:

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

light green

#### **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/mm²
-	Density	cca 1,75 g/cm³







Trnkova 115, 628 00 Brno Czech Republic telefon: +420 532 196 711 info@pokornyindustries.com



All technical data and recommendations given are based on our experiences. However, we do not undertake any liability whatsoever. All data and values have to be checked by the user, since the effectiveness of a seal can only be judged correctly by evaluating all data and parameters directly on site. The stated parameters are approximate and may be mutually influenced if occuring together. Please contact us in case of difficult or special applications.

