

TECHNICAL DATASHEET (Ed. 3/2008)

GREEN 150

TRUE ORIGINAL COPY

This is an economical asbestos-free gasket material with very good flexibility and “easy to cut” properties. It consists of organic and synthetic fibres with NBR/SBR binder. Colour: light green. It is made in Europe.

APPLICATIONS:

This is a general-purpose material suitable for use in many applications at moderate temperature and pressure. It is resistant to water, drinking water, oils, air, some fuels, etc.

| General Technical Properties* | U.M. | Method | Value |
|--|-------------------|--|---------|
| Density | g/cm ³ | DIN 28090-2 | 1,9 |
| Peak Temperature | °C | - | 210 |
| Continuous operating temperature | °C | - | 140 |
| Peak temperature with steam | °C | - | 110 |
| Pressure max. | Bar | - | 40 |
| Compressibility | % | ASTM F36-J | 5-15 |
| Recovery | % | ASTM F36-J | 50 min. |
| Residual Stress at 175°C (thickness 1,5 mm) | MPa | DIN 52913 | 20 |
| Tensile strength | MPa | ASTM F 152 | >10 |
| Gas leakage | mg/(s*m) | DIN 3535/6 | 0,10 |
| Ignition loss | % | ASTM F 495 | 40 max. |
| Behavior in immersion: increase of thickness | % | ASTM F146 in oil IRM 903 for 5 hrs at 150°C (Δ thick.) | +15 |
| Behavior in immersion: increase of thickness | % | ASTM F146 in Fuel ASTM B for 5 hrs at 23°C (Δ thick.) | +15 |

* values related to 2 mm thickness

APPROVALS AND NORMS:




DIN 28 091-2: FA – MA– 1 – 0

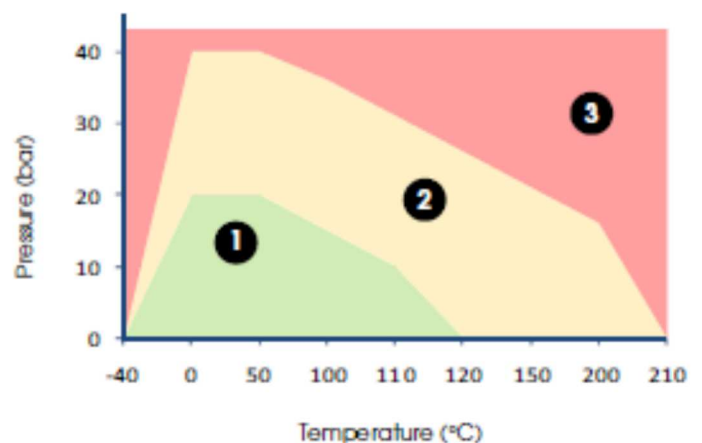
ASTM F 104: F712 110 M4

Drinking water KTW-TZW: nr. KA 242/09

Drinking water WRAS: nr. 1605525

Legend:

-  Contact our technical team for usage at these temperature and pressure (only for thickness 1,5 or less)
-  Suitable in some cases (depending on application)
-  Suitable subject to chemical compatibility



The data here reported correspond to laboratory and field test results and they are non-binding guideline for gasket selection.

(RESULTS FROM THE MANUFACTURER'S ANALYSIS, NOT FROM OUR OWN ANALYSIS)

The temperature and operating pressure limits are not valid simultaneously. In addition, they depend on a variety of factors (condition of the joints, dimensions, clamping, thermal or mechanical shock) therefore they are given purely for guidance.