

# novapress® 260

## Best price-performance ratio for standard gasket applications.



### Material profile

The asbestos-free raw material combination consists of high-quality aramid fibres bonded with nitrile-butadiene-rubber (NBR). It is optimized with special functional fillers. This composition gives novapress® 260 the following special properties:

- **General purpose use**
- **Good handling properties**
- **Good residual stress**
- **Low gas leakage rate**
- **Excellent value for money**

Identification colour: green

### Application areas

novapress® 260 is the ideal choice for use under low and average temperature and pressure conditions, as well as for uncritical media.

- **Heating and sanitary applications**
- **Pipeline constructions**
- **Plant engineering**
- **Machine manufacturing**

Recommended for applications with media transmission, hydraulic, refrigerating and motor oils as well as fuels.

### Good for human health and the environment

The Frenzelit gasket division has obtained certification that the company complies with the requirements of ISO 9001, ISO 14001 and ISO 50001. This means complete transparency in all areas and therefore provides a high degree of security – for the benefit of our employees, the environment and our customers.

If you have any application engineering questions, we will be delighted to answer them. Just contact: [gaskets@frenzelit.com](mailto:gaskets@frenzelit.com)

GASKETS

TECHNICAL TEXTILES

EXPANSION JOINTS

INSULATION

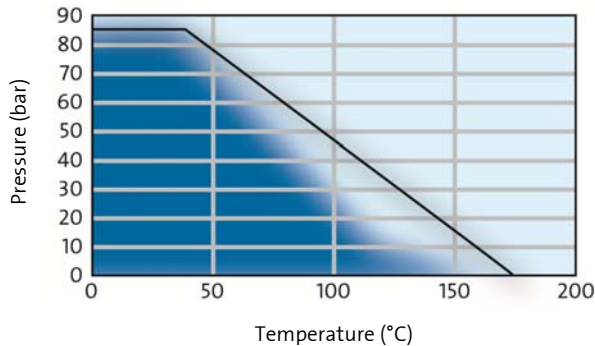
NEW MATERIALS

# Technical information about novapress® 260

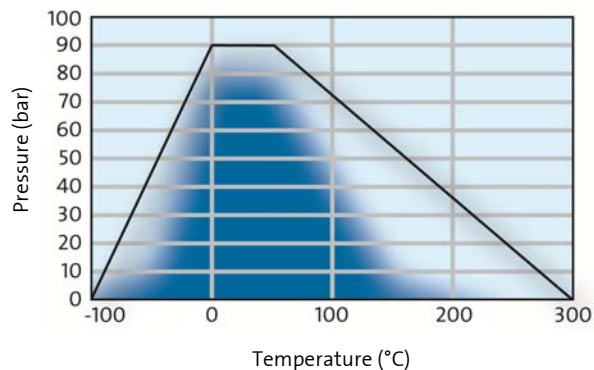
## Recommendations for use

according to pressure and temperature

### Water/steam



### Other media\*



■ safe zone    — maximum application limits\*

The temperature and pressure recommendations in the graphs apply to gaskets with a thickness of 2.0 mm and raised face flanges. Higher stresses are possible when thinner gaskets are used! The information provided must therefore be considered as estimates that are on the safe side rather than as specific operational limits.

\*Example for aqueous dilutions, oils, noncritical acids and alkalis. Exact data for specific individual cases please contact our applications engineering specialists.

### Warranty exclusion

In view of the variety of different installation and operation conditions and application and process engineering options, the information given in this prospectus can only provide approximate guidance and cannot be used as basis for warranty claims.

## Material data

### General Information

Approvals and tests	BS 7531 Grade Y, WRAS, DVGW, Drinking water acc. to the Elastomer guideline ("KTW"), W270
Colour	green
Treatment	anti-stick coating

### Physical properties

Gasket thickness 2.0 mm	Standard	Unity	Value *
Density	DIN 28 090-2	[g/cm <sup>3</sup> ]	> 1.7
Residual stress	175 °C	[N/mm <sup>2</sup> ]	27
	300 °C	[N/mm <sup>2</sup> ]	22
Compressibility	ASTM F 36 J	[%]	9
Recovery	ASTM F 36 J	[%]	45
Specific leakage rate	DIN 3535-6	[mg/(m·s)]	0.08
Tensile strength transverse	DIN 52 910	[N/mm <sup>2</sup> ]	7.5
Fluid resistance	ASTM F 146		
ASTM IRM 903	5 h/150 °C		
Weight change		[%]	10
Thickness change		[%]	4
ASTM Fuel B	5 h/23 °C		
Weight change		[%]	11
Thickness change		[%]	9
Leachable chloride content	QS-001-133	[ppm]	≤ 150

\* Mode (typical value)

The physical characteristic values are determined on uncoated material

### Product data (tolerances acc. to DIN 28091-1)

- Dimensions [mm]      1500 x 2000
- Thicknesses [mm]      1.0 / 1.5 / 2.0 / 3.0 / 4.0
- Special dimension 1000 x 2000 mm is available on request, subject to minimum order quantity.
- Further thicknesses (0.3 / 0.5 / 0.75 mm) are available on request, subject to minimum order quantity.

#### GASKETS

#### TECHNICAL TEXTILES

#### EXPANSION JOINTS

#### INSULATION

#### NEW MATERIALS

Frenzelit GmbH  
P.O. Box 11 40  
95456 Bad Berneck  
Germany  
Phone +49 9273 72-0  
Fax +49 9273 72-221  
info@frenzelit.com  
www.frenzelit.com