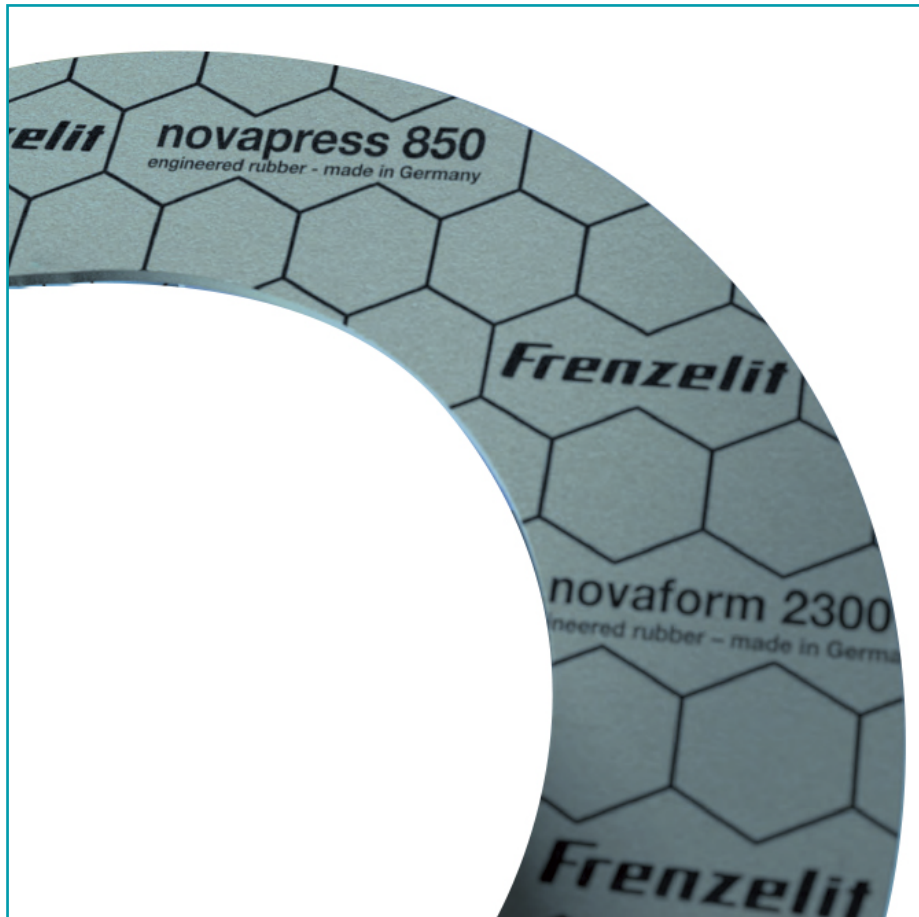


FRENZELIT NOVAPRESS® 850 GASKET



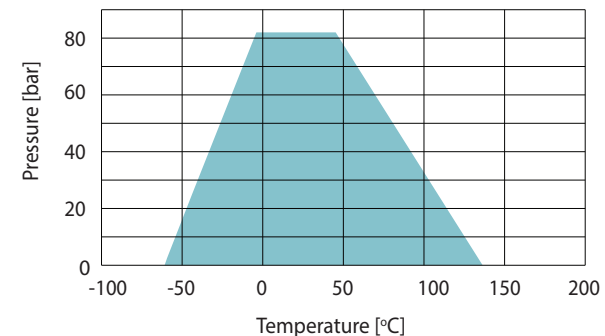
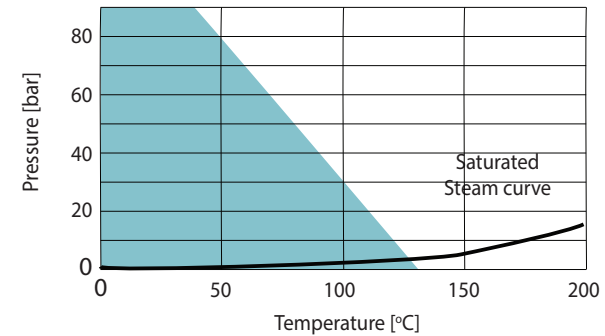
Service

Novapress 850 / novaform 2300 is based on an ingenious raw material blend of high-quality aramid fibres, special functional fillers and synthetic NBR.

The new material combines the characteristics of fibre gaskets with the positive properties of elastomers, thus making it possible to produce a unique performance profile

Recommendations for use

according to pressure and temperature



The temperature and pressure recommendations in the graphs apply to gaskets with a thickness of 2.0 mm and smooth flanges. Higher stresses are possible when thinner gaskets are used!

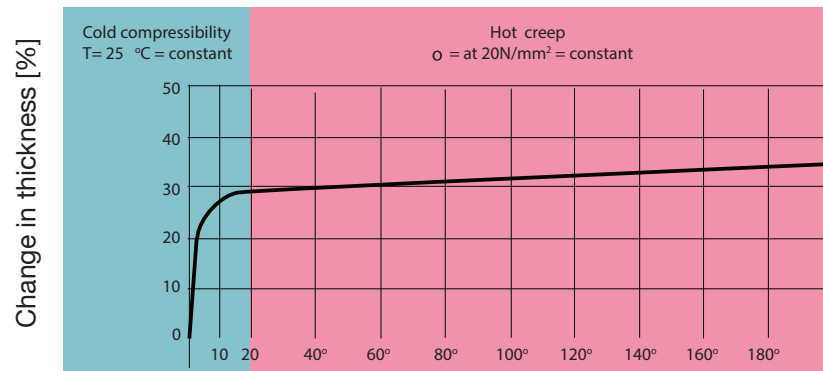
*Example for most common other media. Exact data for specific individual cases, contact our application engineering specialists.

Warranty exclusion

In view of the variety of different installation and operation conditions as well as application and process engineering options, the information given in this datasheet can only provide approximate guidance. There is as a result no basis for warranty claims

Temp - Test

At 50 MPa - sample thickness 2.0 mm



Product data

- Dimensions in mm: 1000 x 1500
1500 x 1500
3000 x 1500

- Thicknesses in mm:
0.3, 0.5, 0.75, 1.0, 1.5, 2.0, 3.0, 4.0

- Further dimensions and thicknesses are available on request

General data

Binders NBR

Approvals

DVGW, VP401, FDA, Drinking water, W270

EG 1935/2004/ Germ. Loyd

Colour

Light Brown

Anti-stick coating

optional

Sheet size & thickness tolerance

according to DIN 28 091-1

Physical properties

	Standard	Unity	Value*
Gasket thickness 1.0 mm			
Density	DIN 28 090-2	[g/cm ³]	1.25
Residual stress $\sigma_{dE/16}$ 175 °C 300 °C	DIN 52 913	[N/mm ²] [N/mm ²]	32
Compressibility Recovery	ASTM F 36 J ASTM F 36 J	[%] [%]	39 60
Cold compressibility ϵ_{KSW} Cold recovery ϵ_{KRW}	DIN 28 090-2 DIN 28 090-2	[%] [%]	18 8
Hot creep $\epsilon_{WSW/200}$ Hot recovery $\epsilon_{WRW/200}$	DIN 28 090-2 DIN 28 090-2	[%] [%]	28 1
Specific leakage rate Tensile strength transverse	DIN 3535-6 DIN 52 910	[mg/(s·m)] [N/mm ²]	0.001 5
Fluid resistance ASTM IRM 903 Weight change	ASTM F 146 5h/150°C	[%]	8
Thickness increase		[%]	2
ASTM Fuel B 5h/23°C Weight change Thickness increase		[%] [%]	12 9
Leachable Chloride content	QS- 001-133	[ppm]	=< 150
* Mode (typical value)			