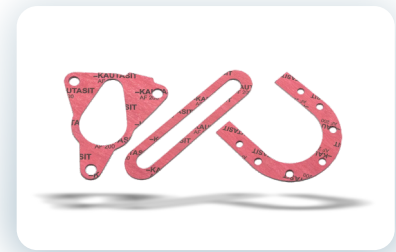


**PROPERTIES AND AREAS OF APPLICATION**

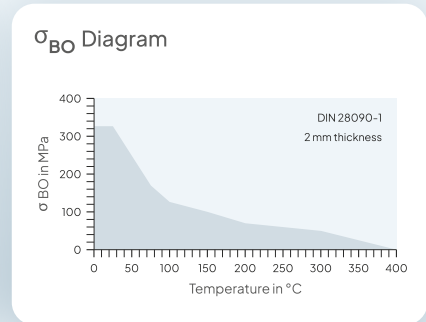
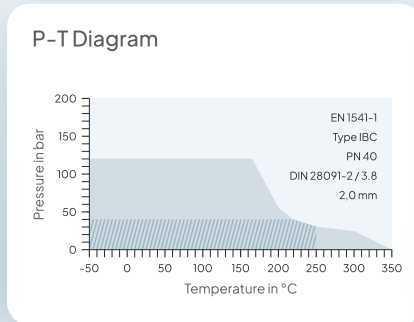
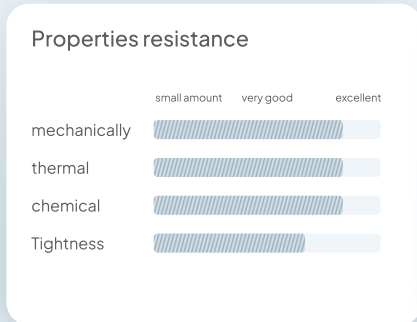
The asbestos-free fiber material AF 200 is a glass fiber reinforced sealing sheet for high compressibility.

AF 200 offers improved mechanical strength compared to AF 100. It is specifically designed for use in flange connections exposed to moderate temperatures and pressures. Typical applications include general plant engineering, pump flanges, and mechanical engineering. The material is distinguished by its resistance to media such as oils, fuels, and hot water.



**PERFORMANCE CHARTS**

- General suitability  
Observe installation conditions and material suitability
- Conditional suitability  
Technical counselling is recommended
- Limited suitability  
Application-related consulting necessary



**MATERIAL PROPERTIES**

**2 mm thickness**

Value information	Additional information	Dim.	Specifications
Density	DIN 28090-2	g/cm <sup>3</sup>	ca. 1,7
Re-suspension according to ASTM - F 36 J		%	6 - 10
Compressibility according to ASTM - F 36 J		%	≥ 50
Compressive strength	16 h, 50 MPa, 175°C	MPa	≥ 38
	16 h, 50 MPa, 300°C		≥ 33
Gas permeability according to DIN 3535-6		mg/(s-m)	≤ 0,03
Maximum temperature at vapour		°C	200
Media resistance - thickness increase	ASTM - oil no. 3, 5 h/150 °C	%	≤ 3
	ASTM - fuel B, 5 h/TR (Room temper.)		≤ 5
Certificates			-