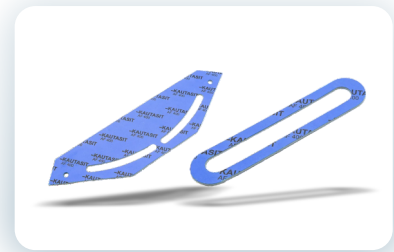


**PROPERTIES AND AREAS OF APPLICATION**

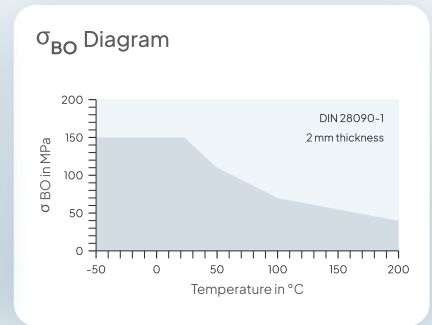
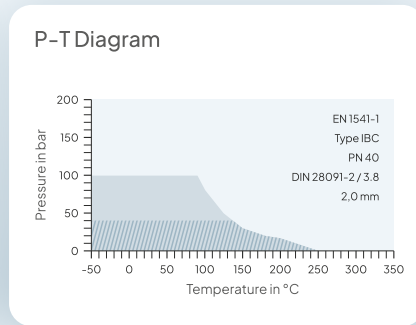
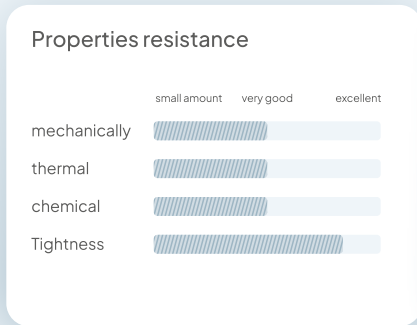
The asbestos-free fiber material AF 400 is the high-temperature specialist for demanding applications.

AF 400 is based on aramid fibers and special functional fillers. AF 400 is also bonded with NBR rubber. It is used for demanding flange gaskets in the chemical industry, power plant construction, and steam systems, where high temperatures and aggressive media are present.



**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. 1,6
Re-suspension according to ASTM - F 36 J		%	7 - 14
Compressibility according to ASTM - F 36 J		%	≥ 50
Compressive strength	16 h, 50 MPa, 175°C	MPa	≥ 27
	16 h, 50 MPa, 300°C		≥ 23
Gas permeability according to DIN 3535-6		mg/(s·m)	≤ 0,05
Maximum temperature at vapour		°C	180
Media resistance - thickness increase	ASTM - oil no. 3, 5 h/150 °C	%	≤ 5
	ASTM - fuel B, 5 h/TR (Room temper.)		≤ 10
Certificates			DVGW 3535-6, DVGW KTW, TA-Air, DVGWW270