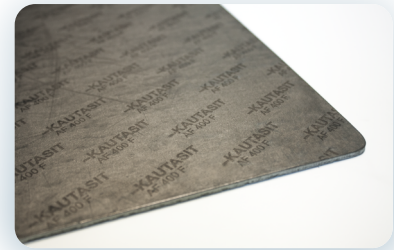


PROPERTIES AND AREAS OF APPLICATION

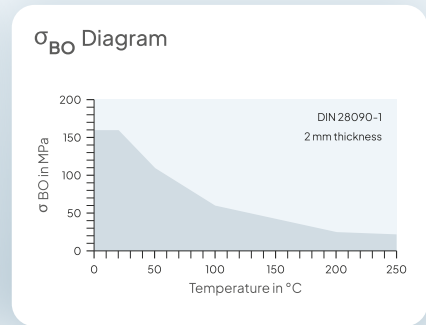
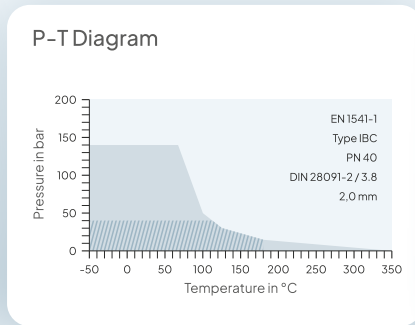
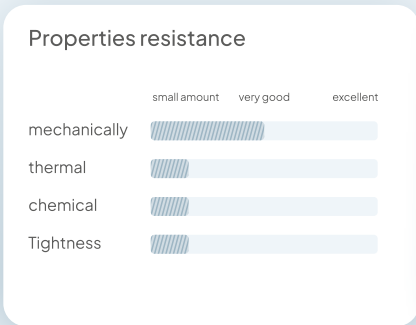
The asbestos-free fiber material 400F is a steel wire-reinforced material.

This variant of the asbestos-free fiber material is based on AF400 and is reinforced with steel wire mesh. This allows the fiber material to withstand particularly high pressures and prevents liquid penetration into the cross-section. AF400F is primarily used in mechanical engineering and the chemical industry.



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 ³	ca. 2,0
Re-suspension according to ASTM - F 36 J		%	7 - 12
Compressibility according to ASTM - F 36 J		%	≥ 50
Compressive strength	16 h, 50 MPa, 175°C	MPa	≥ 30
	16 h, 50 MPa, 300°C		≥ 25
Gas permeability according to DIN 3535-6		mg/(s-m)	-
Maximum temperature at vapour		°C	-
Media resistance - thickness increase	ASTM - oil no. 3, 5 h/150 °C	%	≤ 8
	ASTM - fuel B, 5 h/TR (Room temper.)		-
Certificates			-