

FLEXSEALS® 500

Max. working pressure	MPa	10	
Max./min. working temperature	°C	Continual	-40 to +250 steam 250
		Peak	450

Application: water, water vapour, gas, oil, alcohols, fuel, basic chemicals

TECHNICAL PARAMETERS	Standard		
DENSITY	DIN 28 090 - 2	g/cm ³	1,6 – 1,9
RESIDUAL STRESS* 16 h/175 °C	DIN 52 913	MPa	32
COMPRESSIBILITY	ASTM F 36 J	%	5 – 15
RECOVERY	ASTM F 36 J	min. %	50
SPEC. LEAKAGE RATE	DIN 3535 – 6	mg/(s*m)	0,05

FLUID RESISTANCE – THICKNESS CHANGE

ASTM OIL - IRM 903, ISO 1817			
5 h/150 °C	ASTM F 146	max. %	3
ASTM FUEL B - ISO 1817			
5 h/23 °C	ASTM F 146	max. %	5
FLEXIBILITY	ASTM F 147	no cracks and breaks	
COLOR AND PRINTING	BLACK – branded on one side		

Note:

- a) parameters are valid for thickness 2,0 mm
- b) * value valid for thickness 1,5 mm