

MICAFLEX HI-TEMP

Technical data sheet

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MICAFLEX HI-TEMP has been developed for the production of high temperature resistant gaskets up to 1000°C . Gaskets made of HI-TEMP are used in automobile exhaust manifolds, gas turbines, gas and oil burners, heat exchangers and in other flange connections. Phlogopite mica paper gives HI-TEMP its thermal characteristics – weight loss at 800°C less than 5% and its chemical resistance to solvents, acids, bases and mineral oils.

Available in conventional type HI-TEMP 710 mm.0,5-1-1,5 -2-3
With tanged steel insert HI-TEMP 730 mm 2-2.

TECHNICAL DATA

		HI-TEMP 710	HI-TEMP 730
Density (IEC 371-2)	g/cm ³	1,9	2
Thickness	mm.	0,5- 1 –1,5- 2 – 3	2 - 3
Max Temperature	°C	1000	
Max pressare	Bar	50	
Tensile strenght (DIN 52910)	N/mm ²	20 approx	
Compressibility (ASTM F36-J)	%	25 approx	
Recovery (ASTM F36-J)	%	35 approx	
Dielectric Strenght (IEC 23-23°C)	KV/mm	20 approx	N.d.
Creep Strenght (DIN 52913) 50 Mpa 300°C	N/mm ²	40 approx	