KLINGER® AG460

KLINGER India

Preliminary Data Sheet

Material description:

Asbestos free gasket material, aramid fiber based with SBR and NBR binder. Swelling in oil and fuel, good gas sealability. Colour: white

Typical applications:

Gaskets for inlet manifold, valve, housing cover, oil pan, transmission, gearbox, water socket and pump.

Typical physical data:

Density			g/cm³	1.6
Max. temperature			°C	300
Max. pressure			bar	50
Compressibility	ASTM-F 36-J		%	10
Recovery	ASTM-F 36-J		%	50
Tensile strength	DIN 52910	cross grain	MPa	6
	ASTM-F 152	cross grain	MPa	8
Stress relaxation	DIN 52913	50MPa 16 h / 300 °C > 0.5 mm	MPa	25
Ignition loss	DIN 52911		%	28
Thickness / weight increase after fluid immersion ≤1mm	ASTM-F 146			
	ASTM-Oil IRM 903	thickness	%	15
	(5h / 150 °C)	weight	%	20
	ASTM Fuel B	thickness	%	20
	(5h / 20 °C)	weight	%	20
	water-glycol	thickness	%	10
	(1:1 / 5h BP)	weight	%	15

Dimensions of the standard sheets:

Sizes:

2000 x 1500 mm

Thicknesses:

0.3 - 2.0 mm

Tolerances:

Thickness acc. DIN 28091-1
Length ± 50 mm, width ± 50 mm

Other thicknesses, sizes and tolerances on request.

All information is based on years of experience in production and operation of sealing elements. However, in view of the wide variety of possible installation and operating conditions one cannot draw final conclusions in all application cases regarding the behaviour in gasket joint. The data may not, therefore, be used to support any warranty claims. This edition cancels all previous issues. Subject to change without notice.

Certified acc. to DIN EN ISO 9001:2015 Subject to technical alterations.
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