



# DATA SHEET

## DESCRIPTION

KG-Therm is a Vermiculite Mica (Phlogopite) based gasket material, a small amount of high quality silicone binder is used to form the sheet. This is also available as filler for spiral wound gaskets.

## APPLICATION

KG-Therm is a high temperature gasket material with a SS316 tanged reinforcement designed for exhaust systems, heat exchangers and other high temperature applications where there is moderate pressure involved..



Kent Gaskets Ltd



@gaskets247

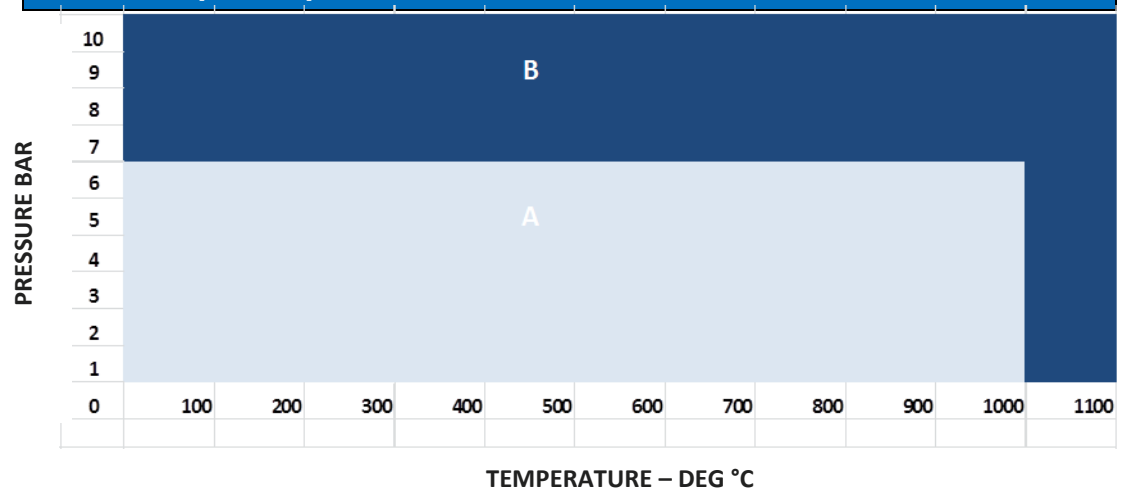


CERTIFICATE NO. 19809  
ISO9001

## KG Therm

PHYSICAL PROPERTIES		YG-THERM	YG-THERM TANGED
DENSITY		2.0g/cc	1.9 g/cc
TENSILE STRENGTH	ASTM F152	23 MPa	N/A
COMPRESSIBILITY, (TYPICAL VALUE)	ASTM F36J	20%	12%
RECOVERY	ASTM F36J	42%	60%
RESIDUAL STRESS	BS7531	33 MPa	35 MPa
RESIDUAL STRESS	DIN 52913	40 MPa	45 MPa
IGNITION LOSS	DIN 52911	5%	N/A

YG – THERM (TANGED) – PRESSURE / TEMPERATURE GRAPH



A = Suitable subject to chemical compatibility

B = Not suitable

The information given is based upon average values and is in no way intended as a warranty. The purchaser shall be responsible for determining the suitability of the product for any particular application.