

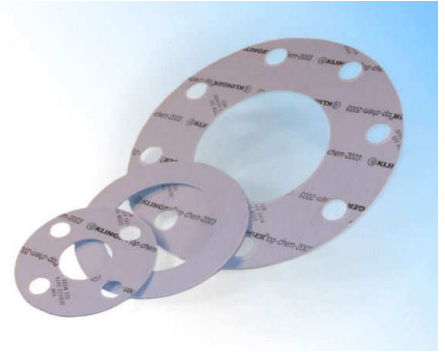
Technical Data Sheet

MATERIAL PROPERTIES*:

TopChem 2003

DESCRIPTION:

As regards media, the range of applications is comparable to that of Top-Chem-2000. However, Top-Chem 2003 has greater compressibility and is ideal for maintaining a tight seal even at low surface loads and temperatures. It has excellent chemical resistance in strongly acidic and alkaline applications and excellent mechanical properties at medium and low temperatures and loads. Special mention should be given to its high gas tightness at even low surface loads (TA-Luft certification).



COLOUR:

Blue—Also available in off-white.

SERVICE:

Excellent sealing at high temperatures and pressures, ideal for aggressive chemicals, excellent gas tightness properties, suitable for glass lined and enamel flanges.

TESTS & APPROVALS:

DIN DVGW, FDA Conformity, TA Luft 97 06 9502 02, KTW Approval C829/97/St Germanischer Lloyd 98 950 – 97 HH

SPECIFICATIONS (2MM):

Compressibility ASTM F36A:		%	18
Recovery ASTM F36A:		%	40
Stress Relaxation DIN 52913: 16h/150°C:		Mpa	13
Cold / hot compression	thickness decrease at 23°C :	%	9
25 MPa	thickness decrease at 250°C:	%	38
Gas leakage according to DIN 3535/6:		ml/min	<0.1
Thickness increase after fluid	H ² SO ⁴ , 100%: 18 h/23°C:	%	1
Immersion ASTM F 146	HNO ³ , 100%: 18 h/23°C:	%	5
Immersion ASTM F 146	NaOH, 33%: 72 h/110°C:	%	2
Density:		g/cm ³	1.7

AVAILABILITY:

Sheeting: 1500mm x 1500mm*

Thickness: 1.5mm, 2mm, 3mm

* Can be welded to form gaskets larger than sheet size.

Notes: * This is a general guide and should not be the sole means of selecting or rejecting this material. This data sheet covers basic information, for more comprehensive information, please contact us.

Asbestos Free



Certificate Number: 14352
ISO 9001



Care should be taken in selecting the most suitable quality for each application. Advice is available, but final responsibility remains with the customer.

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