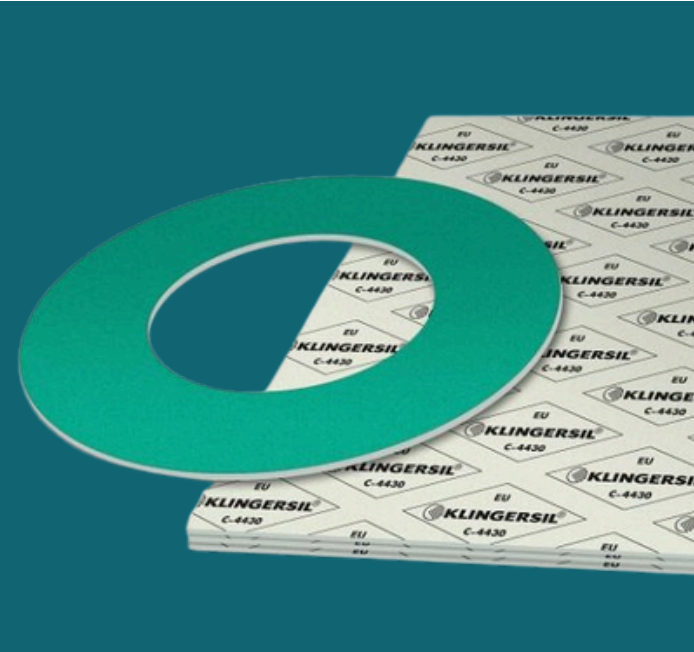


Specification Sheet



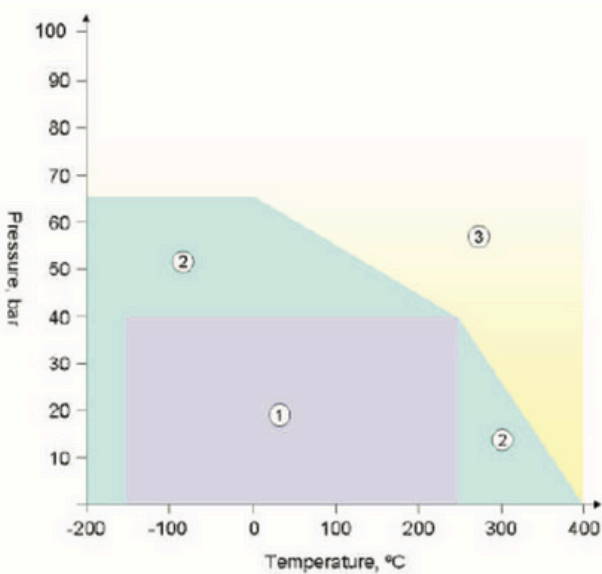
C-4430 is a premium grade compressed fibre material with exceptional compressive strength good chemical and temperature resistance. C-4430 is based on glass fibre with an NBR binder and can be used for a wide range of chemicals and applications. Manufactured to high specifications and available in a range of thicknesses KLINGERSil C-4430 is often used in the aerospace industry.

KLINGERSil C-4430 meets the requirements of BS 7531 Grade X, is WRAS approved for use with potable water and is also fire-safe. C-4430 also has TA-Luft (Clean Air) approval

PHYSICAL PROPERTIES

COMPRESSION:	ASTM F36 A	9%
RECOVERY:	ASTM F36 A	50%
STRESS RELAXATION:		
50MPa, 16H/175 deg:	DIN 52913	39MPa
50MPa, 16h/300 deg:	DIN 52913	35MPa
SRESS RELAXATION:	BS 7531	31MPa
KLINGER HOT/COLD COMPRESSION:	/	
THICKNESS DECREASE @23 DEG	/	8%
THICKNESS DECREASE @300DEG	/	11%
GAS LEAKAGE	DIN 3535/6	<0.1 ml/min
CHLORIDES	/	150ppm
THICKNESS INCREASE AFTER SUBMERSION:	/	
-OIL NR.3:5H/150DEG	ASTM F146	3%
-FUEL B:5H/23DEG	ASTM F146	5%
DENSITY	/	1.75g/cm³
THERMAL CONDUCTIVITY	/	0.42 W/mK

APPLICATION GUIDELINES



- 1) Usually satisfactory without reference.
- 2) Usually satisfactory, refer to supplier for advice.
- 3) Caution: May be suitable but essential you refer to supplier for advice.

All recommendations and information contained on this data sheet are, to the best of our knowledge, correct. Product specifications are intended as guidelines. Since conditions of service are beyond our control, users must satisfy themselves that products are suitable for the intended use. No guarantee or warranty is given or implied in respect of information or recommendations, or that any use of products will not infringe rights belonging to other parties. We reserve the right to change product design and properties without notification.

TESTS + CERTIFICATES

- - BS 7531 Grade AX
- - Firesafe BS 5146
- - WRAS Approval for use in cold potable water
- - DIN-DGVW 92.01e052
- - BAM U W28 for use with oxygen 100 bar / 85°C
- - KTW C55/94.Stf
- - SVGW 92-149-7
- - TA-Luft (Clean Air) Certificate acc. VDI 2440
- - Germanischer Lloyd 98 953 - 97 HH