KLINGER® SAFEGUARD

KLINGER India

Simple to install, the Safeguard limits further corrosion, giving asset managers and engineers essential quality assurance and cost savings.

» Klinger Safeguard uses Thermica outer facing which is a CNAF fibre; using mica and NBR binder offers high flexibility, high temperature resistance and excellent compatibility across a broad range of chemicals. The ePTFE inner corrosion-compensating zone helps to fill voids at the gasket bore and reduce the likelihood of further corrosion.

» Regular corrosion inspection activities can be completed with the knowledge that joints can be remade even if corroded flanges are evident. This is facilitated with the Klinger Safeguard without the need for expensive and disruptive flange replacement or machining.

» The risk of leaks is reduced, minimising the environmental impact of any installation.

» Halts in production are also reduced, avoiding major loss of revenue.

COMPONENT	UNITS	KLINGER THERMICA	KLINGER SOFTCHEM
Compressibility	%	12	50-60
Recovery	%	<55	13-17
Stress Relaxation (DIN 52913, 50MPa, 16h, 300°C)	MPa	28	-
Density	g/cm^3	1.7	0.9
Dielectric Strength	kV/mm	15	-
Temperature Range	°C	-200 to 350	-200 to 260

PROPERTIES

» Continuous service up to 260°C
» Suitable for RTJ, RF and mismatched RF to RTJ flanges
» Suitable for pressure ratings from Class 150 to 2500
» Compressed fibre facings of mica & synthetic fibres bound with NBR on a high strength metallic core
» Excellent chemical resistance
» 3xA anti-stick finish

TESTS AND CERTIFICATIONS FOR KLINGER THERMICA

» Fire-safe to DIN EN ISO 10497 / API 607
» Fire-safe to API 6FB
» BS 7531 Grade AX