



# KLINGER SEALEX



Soft, highly compressible PTFE gasket material on a roll, with excellent chemical resistance and good creep properties

The Klinger group has been recognised as the market leader in gaskets and sealing for over a century. Our research and development laboratories have investigated over 250 different fibre forms in the search for asbestos free alternatives. The search has resulted in a range of high quality and high performance asbestos free materials that have been proven in service

## GENERAL PROPERTIES

- » Available in roll form
- » Excellent chemical resistance
- » High compressibility
- » Suitable for glass-lined and enamel flanges
- » Low bolt load requirement
- » Suitable for use over a wide range of operating temperatures and pressures
- » Suitable for pharmaceutical and food use
- » Easy to use

## APPLICATIONS

- » Glass joints
- » Fume ducts
- » Concrete lids
- » Fibreglass reinforced plastic vessels
- » Pump or compressor housing flanges
- » Steam vessel flanges
- » Ceramic joints
- » Water systems
- » Valves and piping
- » Temperature range -268°C to +260°C

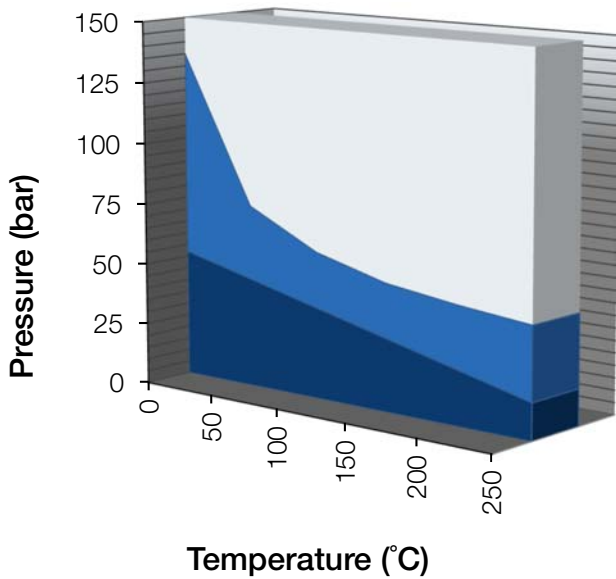
## TESTS AND CERTIFICATION

- » FDA Conformity
- » BAM approval for use with oxygen

## AVAILABILITY

DIMENSIONS (mm)	SPOOL LENGTHS (m)
3 x 1.5	30
2 x 2.0	20
7 x 2.5	15
10 x 3.0	8
14 x 5.0	5
17 x 6.0	5
20 x 7.0	5
25 x 8.0	5

## APPLICATION GUIDELINES



## KLINGER SEALEX

- Caution: May be suitable but essential that you refer to Klinger for advice
- Usually Satisfactory, but suggest you refer to Klinger for advice
- Usually Satisfactory to Use Without Reference

NOTE: Chemical compatibility must be considered in all cases.

## TYPICAL SPECIFICATIONS

(Typical values for 7 x 2.5mm thick sample)

PROPERTIES	CONDITIONS	VALUES
Compressibility	ASTM F 36 L	75-85%
Creep relaxation	ASTM F-38 (3000psi)	44%
Gas leakage	ASTM F37B, 30psi Nitrogen, 3000 psi load	4.8ml/hour
Density		0.6g/cm <sup>3</sup>

## EASY TO USE

Just follow the simple installation instructions:

- 1) Make sure that the sealing flanges are clean
- 2) Cut off a length of Sealex just a little longer than the actual circumference of the perimeter of the seal
- 3) Peel off the adhesive protection strip and press the Sealex into position. Cross the free ends of the Sealex adjacent to the bolt hole
- 4) Bolt up the mating surfaces using the recommended clamping force and bolt tightening patterns

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