



# KLINGER K4303

Glass Fibre Yarn With  
PTFE Lubricant



A combination of selected glass fibre yarns with PTFE impregnation, Klingerlock braided to produce an efficient alternative to asbestos in valve applications and static sealing duties e.g. caulking purposes.

Klinger TopLine packing range has been selected to provide users with gland sealing products that meet today's demanding services, offering effective and trouble-free sealing during application. To achieve this goal we have selected the best materials and the best production methods.

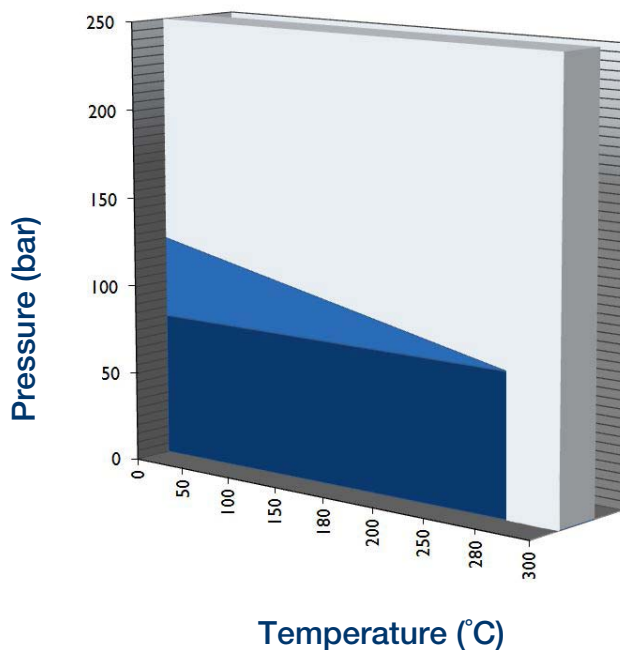
## GENERAL PROPERTIES

- » Glass fibres have superior thermal resistance, dimensional stability and excellent tensile strength. The addition of PTFE improves the overall chemical resistance of the packing while acting as a blocking agent to offer an economic seal without compromising leak-free performance.
- » K4303 has a low co-efficient of friction, is non-scoring and will not extrude or cold flow.
- » The PTFE dispersion acts as a blocking agent, resulting in a non-porous material of medium density.
- » The packing is clean to handle, readily manipulated and easy to cut.

## AVAILABILITY

| SIZE (MM)   | LENGTH (M) | SIZE (MM)   | LENGTH (M) |
|-------------|------------|-------------|------------|
| 3.2 x 3.2   | 8          | 12.5 x 12.5 | 8          |
| 5.0 x 5.0   | 8          | 14.0 x 14.0 | 8          |
| 6.5 x 6.5   | 8          | 16.0 x 16.0 | 8          |
| 8.0 x 8.0   | 8          | 19.0 x 19.0 | 8          |
| 9.5 x 9.5   | 8          | 22.0 x 22.0 | 8          |
| 11.0 x 11.0 | 8          | 25.0 x 25.0 | 8          |

## APPLICATION GUIDELINES



- 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

| PROPERTIES             | VALUES |
|------------------------|--------|
| Min. Temperature       | -100°C |
| Max. Steam Temperature | 290°C  |
| Max. Temperature       | 290°C  |
| Max. Static Pressure   | 80 Bar |
| Max. Dynamic Pressure  | 10 Bar |
| Max. Speed             | 5 m/s  |
| pH Range               | 4-12   |

This packing should not be subjected to maximums of temperature, pressure and speed simultaneously.

### HEAD OFFICE

KLINGER Ltd  
Wharfedale Road  
Euroway Trading Estate  
Bradford BD4 6SG

Tel: 01274 688 222  
Fax: 01274 688 549  
www.klinger.co.uk  
enquiries@klingeruk.co.uk



FM 602916 FM 10571 OHS 570166 EMS 570165

### KLINGER RUNCORN

Tel: 01928 577 030  
Fax: 01928 575 233

### KLINGER SOUTHAMPTON

Tel: 02380 611 855  
Fax: 02380 610 360

### KLINGER ABERDEEN

Tel: 01224 772 962  
Fax: 01224 772 953

### KLINGER IMMINGHAM

Tel: 01469 575 289  
Fax: 08449 676 779

### KLINGER MIDDLESBROUGH

Tel: 01642 220 289  
Fax: 01642 220 290

### KLINGER GRANGEMOUTH

Tel: 01324 472 231  
Fax: 01324 482 111