



# Klinger 10

**A combination of Acrylic yarn and PTFE, producing an economic yet versatile synthetic packing, well suited to general service in valves and pumps.**

*K10 is only one of the Klinger TopLine range of compression packings.*

*This is an optimised range introduced 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. The result is the Klinger TopLine packing range.*

*Ongoing Test & Development in line with Klinger philosophy will ensure the continued improvement of all TopLine products.*

- The base yarn of Klinger 10 is spun from carefully selected acrylic filaments. To this we add a controlled amount of PTFE dispersion producing a packing that is ideally suited for general valve and pump use.
- The Klingerlock construction ensures a firm yet conformable packing that requires little adjustment after the initial installation.
- The packings low coefficient of friction ensures easy operation and actuation of any valve or pump, without detrimental stem or shaft wear.
- The PTFE dispersion enhances the chemical resistance of this TopLine packing allowing it to effectively seal the majority of chemical media commonly found within today's industrial environments.
- Water Research Council approval allows the packing to be used in potable water applications.



aerospace  
sector  
certification  
scheme

BS EN 9100:2003, ISO 9001:2008  
Certificate no: FM 10571

**Head Office**  
**KLINGER Ltd**  
Wharfedale Road  
Euroway Trading Estate  
Bradford BD4 6SG

Tel: 01274 688 222  
Fax: 01274 688 549

# TopLine Packing 10

## Service Capabilities

When used in equipment in good mechanical condition and installed using our product guidelines the undernoted values apply:

- Minimum operating Temperature **-100°C**
- Maximum operating temperature **260°C**
- Maximum steam temperature **260°C**
- pH **2-12**
- Maximum static pressure **100 bar**
- Maximum dynamic pressure **30 bar**
- Maximum running speed **10 m/s**

**Note:** The packing should not be subjected to the maximums of temperature, pressure and speed simultaneously, for further advice please contact our technical department.

## Forms of Supply

Klinger packings are offered in a range of standardised packages:

Size:  
**3mm to 25mm**

Length:  
**8 metres per box**

by weight:  
**sizes under 9.5mm 1kg/box**  
**9.5mm to 12.5mm 2kg/box**  
**sizes over 12.5mm 4kg/box**

Alternative lengths and weights can be offered upon request, please contact Klinger for further details.

**Klinger 10 is suitable for use as a general valve and pump packing within many industries, for example;**

- Water Industry
- Distilleries
- Pulp & Paper Mills
- Breweries
- Food Industry
- Pharmaceutical Industries

K10 has WRC approval for use with potable water.

## Technical Advice

If you require additional technical information or would like Klinger to advise you on a particular application, then contact our Technical Department at the address shown.

It is advantageous to provide the following details:

1. Type of valve or pump
2. Working and test pressure
3. Temperature - steady or cycling
4. Rate of pressure & temperature increase
5. Medium and concentration
6. Operating speed
7. Special requirements
8. Details of stuffing box design