



# Klinger 54H

**An excellent choice for plant wide use especially when a clean, non-contaminating packing is required with a high degree of chemical resistance.**

*K54H is only one of the Klinger TopLine range of compression packings.*

*This is an optimised range introduced by Klinger 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 the TopLine products.*

- *There is a requirement for white PTFE packing in "pure" form that can give a higher peripheral speed capability with minimum performance sacrifice.*
- *Most glands that are packed with K54H need little adjustment after the initial installation.*
- *Due to its resilience and versatility standardising on K54H can reduce stock holding and maintenance requirements.*
- *Klinger 54H is manufactured from PTFE filaments to which we incorporate a mineral based lubricant that provides improved performance within dynamic applications.*
- *PTFE is extremely resistant to a wide range of chemicals, as a result K54H can be used even in the most aggressive alkaline and acidic media. (please contact KLINGER for a full listing)*





# TopLine Packing 54H

## Service Capabilities

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

- Minimum operating Temperature -240°C
- Maximum operating temperature 260°C
- Maximum steam temperature 260°C
- pH 0-14
- Maximum rotary pressure 10 bar
- Maximum recip pressure 2 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 54H is suitable for use as a general valve and pump packing within many industries, for example;**

- Pulp & Paper Mills
- Petrochemical Plants
- Cryogenic Industries
- Refineries
- Pharmaceutical Industries
- Chemical Processing

## 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

