

## 36 Packing - Data Sheet

### *The Packing*

A base yarn of high purity graphite, with certifiable low ash and sulphur content incorporating an additional lubricant containing graphite and PTFE results in a packing material with a broad temperature tolerance, a low coefficient of thermal expansion, high heat conductivity and excellent chemical resistance.

The graphite/PTFE substructure is compatible with the base product and acts as an additional blocking agent, preventing leakage through the packing.

### *Construction*

Klingerlock braid incorporating compatible graphite/PTFE blocking agent. This gives a non-porous packing structure with excellent flexibility and consistency under load.

### *Forms of Supply*

Standard size range:  
**3mm to 25mm**

Our packings are normally offered in standardised coils:

by length  
**8 metres per box**

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

Alternative lengths and weights can be offered on request.

***K36 can also be offered as die-formed rings.***

### *Service Characteristics*

■ Temperature -240 to 430C  
in steam 650° C

■ Static pressure 150 bar

■ Dynamic pressure 8 bar

■ Maximum speed 25m/sec

■ pH range 0 to 14

### *Intended Applications*

- Control Valves
- Isolating Valves
- Gate Valves
- Piston Valves
- Globe Valves
- Soot Blowers
- High Speed Pumps

### *Intended Industrial Environments*

- Power Stations
- Petrochemical Plants
- Refineries
- Steel Mills

### *Additional Information*

*Commonly used to pack a gland on its own, but in situations where shaft stiction or pitting is a significant problem, K36 can be incorporated into a packing system with die-formed K35 rings. In this situation they act as supporting rings and as wipers, removing excess build up of graphite flakes from the valve stem.*

All information and recommendations contained within this leaflet are to the best of our knowledge correct. Since the conditions of use are beyond our control, users must satisfy themselves that products are suitable for the intended processes and uses. No warranty is given or implied in respect of information or recommendations, or that any use of the products will not infringe the rights belonging to other parties. In any event or occurrence our liability is limited to our invoice value of goods delivered by us to you. We reserve the right to change product design and properties without notice.

### **Klinger Allan Limited**

76 Beardmore Way  
Clydebank Industrial Estate  
Clydebank  
Glasgow G81 4HT

Telephone: +44(0) 141 941 1421  
Fax: +44(0) 141 952 7403