

# Hornet

For slurries and abrasive media



## Description

A high performance packing that absorbs the eccentric action of worn shafts and bearings. It has a central core of temperature resistant elastomer. The square sectioned packing is cross-plaited with tough aramid fibres at the corners to resist abrasion and wear. PTFE/graphite yarn at the centre of each side dissipates heat and presents a low friction face to the shaft.

## Typical applications

Valves and pumps handling highly

abrasive slurries in pulp and paper mills, sugar refineries, petrochemical plants, sewage refineries, metallurgical plants and china clay works. Also suitable for potable water, foodstuffs and steam.

## Specifications

- WRAS approved for use with hot and cold potable water up to 85°C.
- Meets Statutory Instrument 1987 Number 1523: *Materials and Articles in Contact with Food Regulations*, unless prolonged contact with an essentially static medium is involved.

## Prime features

- Excellent abrasion resistance.
- Superior compression and recovery characteristics with out-of-true shafts.
- Excellent extrusion resistance.
- Low shaft wear.

## Chemical properties

Compatible with media in the range pH 2-13, including water, fuels, oils, solvents, waxes, and mild acids and alkalis.

## Service capabilities



### Valve stem duties

Maximum temperature	+260°C
Minimum temperature	-50°C
Max system pressure	250bar



### Centrifugal pumps & rotary equipment

Operating temperatures	As valve stem
Maximum shaft speed	20m/s
Max system pressure	20bar



### Reciprocating pumps & rams

Operating temperatures	As valve stem
Maximum rod speed	2m/s
Max system pressure	100bar

## How supplied

Ex-stock: all popular square sections from 6.5mm to 25mm, boxed in 8m lengths. Also supplied as split preformed rings and sets. Full fitting instructions are included.