

SUPAPLAS PACKING

Introduction

While the majority of maintenance engineers prefer to fit either packing cut from a coil or to fit factory preformed rings into the stuffing boxes of valves, there are circumstances where the convenience of fitting a loose form packing is still popular. In the past asbestos fibre based loose form packings were much used. James Walker Supaplas Packing is completely asbestos free, being based on synthetic heat resistant fibres and graphite. Supaplas has proven service for over a decade and has found widespread use as a fibre packing – both in loose form and preformed rings – in valve stem stuffing boxes handling a variety of media including steam.

Description

Supaplas is a fibrous packing composed of carbon fibres, flakes of high purity graphite, fillers, binders and high temperature resistant lubricants uniformly blended together. It also contains an organic corrosion inhibitor to minimise the likelihood of stem corrosion.

Applications

Whilst originally developed as a replacement for similar asbestos based materials for steam valves, Supaplas Packing is also suitable for general valve duties including service in air, hydrocarbons, oils, weak acids and mild alkalis in the pH range 3-12. Under ideal conditions the useful temperature range is -40°C to $+540^{\circ}\text{C}$.

It may also be used in ring form in slow rotary or reciprocating applications in combination with a packing such as Super Flexmet XA.

For higher pressure duties – or where extrusion gaps are significant – it is recommended that Supaplas is used in combination with top and bottom rings of conventional packings which we supply, such as Grafpak or Valcor XA, or compressed Supagraf with wire mesh reinforcement rings, to eliminate the risk of extrusion of the Supaplas.

Availability

Supaplas is available in loose fibrous form in plastic containers of 500g or 2.5kg from stock. Other container sizes may be available to special order.

Supaplas is also available as extruded and moulded rings either endless, split or in half rings.

Advisory Service

To find out how Supaplas can assist in solving your pump and valve sealing problems, contact your nearest James Walker Sales Centre or telephone for technical service from our Cocker mouth manufacturing centre.

Quality Assurance

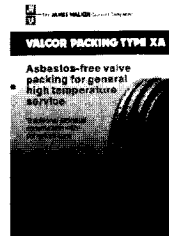
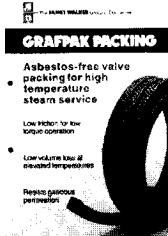
All James Walker products are manufactured under strict quality control. Our quality systems are third party registered to BS5750: Part 2/ISO 9002/EN 29002, and also approved and registered by the MoD PE.

Information in this publication and otherwise supplied to users is based on our general experience and is given in good faith, but because of factors which are outside our knowledge and control and affect the use of products, no warranty is given or is to be implied with respect to such information. Specifications are subject to change without notice.

Statements of operating limits quoted in this publication are not an indication that these values can be simultaneously applied.

Health & Safety Data Sheets are available on request.

Additional technical brochures are available on request.



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