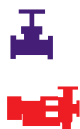


Graphite-based

Supagraf® RibbonPak

High rotary speeds with aggressive media



Description

High purity exfoliated graphite ribbons, plaited into a flexible length-form packing for convenient on-site maintenance.

Typical applications

High speed rotary pumps handling water or slurry in pulp and paper processing. Also a general purpose valve stem

packing for steam and chemical processing duties.

Prime features

- Excellent chemical resistance across very wide temperature range.
- Replaces moulded graphite foil sealing rings.
- Flexible and compressible.
- Easy to install – no special tools needed.
- Reduces stockholding requirements.

Chemical properties

Chemically inert within the range pH 0-14, *excluding* strong oxidising agents. Negligible volatile content. Low in extractable trace impurities such as chloride and sulphur.

Service capabilities

Valve stem duties

Maximum temperatures	
Steam	+550°C
Oxidising conditions	+450°C
Non-oxidising	+850°C
Minimum temperature	-200°C
Max system pressure	100bar

Centrifugal pumps & rotary equipment

Operating temperatures	As valve stem
Maximum shaft speed	25m/s
Max system pressure	25bar

How supplied

Ex-stock: all popular square sections from 3mm upwards, boxed in 8m lengths. Also supplied as split preformed rings and sets. Full fitting instructions are included.

Supagraf® RibbonPak M

Length-form graphite packing with reinforcement



Description

Plaited length-form packing of pure exfoliated graphite ribbons that are reinforced with fine Inconel wires to provide additional strength plus resistance to pressure and extrusion.

Typical applications

Valves handling steam, condensate, fuel, oils, gases, chemicals, process water or

effluent. This product is widely used in petrochemical plants, refineries, power stations and steel mills.

Prime features

- Exceptional temperature range.
- Excellent chemical resistance.
- Long service life with rotary or rising-stem valves.
- Low friction and high thermal conductivity.
- Easy to cut, shape and install.
- Replaces moulded graphite foil rings and reduces stockholding.
- Extended shelf life – does not harden.

Chemical properties

Chemically inert within the range pH 0-14, *excluding* strong oxidising agents. Negligible volatile content. Low in extractable trace impurities such as chloride and sulphur.

Service capabilities

Valve stem duties

Maximum temperatures	
Steam	+650°C
Oxidising conditions	+450°C
Non-oxidising	+1000°C
Minimum temperature	-200°C
Max system pressure	210bar

How supplied

Ex-stock: all popular square sections from 3mm cross-section upwards to suit all standard valves. Boxed in 8m lengths or supplied as split preformed rings and sets. Full fitting instructions are included.