

Liongraf

Our universal, economical packing



Description

A highly reliable pump and valve packing of cross-plait construction, based on graphite and PTFE yarn that is thermally stabilised then lubricated with a silicone-free compound.

Typical applications

Widely regarded as an economical packing for universal application and the reduction of stockholding requirements. Well proven in the petrochemical, power generation, marine and metallurgical

sectors, and by pump and valve manufacturers for OEM installation. It is suitable for duties with steam, condensate, effluents, fuels and oils, acids, alkalis and chemical solutions.

Prime features

- Strong, durable and extrusion resistant.
- Reliable over a wide range of duties.
- Excellent chemical resistance.
- Low friction with high thermal conductivity.

Chemical properties

Compatible with media in the range pH 0-14, including corrosive fluids and solvents.

Service capabilities



Valve stem duties

Maximum temperature	+260°C
Minimum temperature	-100°C
Max system pressure	120bar



Centrifugal pumps & rotary equipment

Operating temperatures	As valve stem
Maximum shaft speed	17.5m/s
Max system pressure	20bar



Reciprocating pumps & rams

Operating temperatures	As valve stem
Maximum rod speed	2m/s
Max system pressure	80bar

How supplied

Ex-stock: all popular square sections from 3mm to 25mm, boxed in 8m lengths. Also supplied as split preformed rings and sets. Full fitting instructions are included.