

# Fortuna XA

*High speeds and high temperatures*



## Description

A dense and flexible packing that is plaited from a special spun yarn blended from four synthetic fibres, coated with graphite. The yarn is impregnated under controlled condition of heat, pressure and vacuum, with a high viscosity petroleum-based lubricant then coated with high purity flake graphite before plaiting.

## Typical applications

High speed rotary pumps on boiler feed systems in the power generation, marine and petrochemical industries. Also other pump and valve duties involving high temperatures and extreme conditions with steam, process water and oils.

## Prime features

- Dense, flexible and responsive packing.
- Well proven in the power generation industry.
- Graphited yarns for low friction, good thermal conductivity and reduced fretting.
- **Supalubrication** of yarns (*page 33*).

## Chemical properties

Compatible with media in the range pH 4-10, including oil, gases and a variety of chemicals.

## Service capabilities



### Valve stem duties

Maximum temperature	+315°C
Minimum temperature	-40°C
Max system pressure	20bar



### Centrifugal pumps & rotary equipment

Operating temperatures	As valve stem
Maximum shaft speed	20m/s
Max system pressure	15bar

## 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.