



K1730 shown

Product Description

John Crane styles K1730, K1760, K1761 and K1771 are constructed of high-tensile strength, abrasion resistant fibers. Servicing a wide range of abrasive and slurry services, temperatures, pressures, and shaft speeds, these styles offer excellent chemical-resistant characteristics.

These products feature dimensional stability, resilience, conformability, and extrusion resistance. John Crane recommends the use of hardened shaft or sleeves and flush to reduce shaft or sleeve damage.

Construction/Features

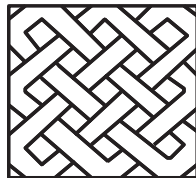
Interlace braid - available Sizes: fraction and millimeter.

K1730* - Kevlar™ filament fibers with PTFE dispersion and a high-temperature break in lubricant.

K1760* - Spun aramid fibers thoroughly impregnated with PTFE dispersion preventing process penetration plus a break in lubricant.

K1761* - Spun aramid fibers treated with a proprietary blend of petroleum based lubricants plus an external coating of graphite.

K1771* - Spun white meta-aramid fibers thoroughly impregnated with PTFE dispersion plus a compatible silicone- free lubricant.



Performance Capabilities

- Temperature: K1730: -240°C to 260°C/-400°F to 500°F
K1760/K1761: -110°C to 260°C/-170°F to 500°F
K1771: -110°C to 288°C/-170°F to 550°F
- Pressure: K1730/K1760/K1771 pump: up to 34 bar/500 psi
K1761 pump: up to 20 bar/300 psi
K1760 valve: up to 68 bar/1,000 psi
- Speed: K1730/K1760 up to 10 mps/2,000 fpm
K1761: up to 9 mps/1,800 fpm
K1771: up to 11 mps/2,250 fpm
- pH range: K1730/K1760: 2 to 12
K1761: 3 to 10
K1771: 1 to 13

Industries Served

- Agriculture
- Chemical processing
- General industry
- Mining and minerals
- Municipal waste and water
- Oil and Gas
- Power generation
- Pulp and paper
- Steel/metals

Applications

Static or dynamic/abrasives, water, medium acids and caustics, gases, oils, steam, solvents, waste water, slurries, paper stock, liquors, asphalt, fly ash, condensate.

Standard Sizes

Styles K1730, K1760, K1761, and K1771 are available in standard cross-section sizes from 1/8" to 1" in 1/16" increments.

As Rite-Pak® spools, these standard sizes are available for immediate shipment. Metric and larger sizes are available upon request.

Packing can be die-formed to exact dimensions for ease of installation and enhanced performance.

Typical Equipment

Rotating, reciprocating, valves, expansion joints.

Additional Packing Support Products Available

- Packing cutters and knives
- Cutting mandrels and installing bushings
- Packing removal hooks, tips and picks
- Tool kits of various sizes
- Lantern rings and lantern ring strips



North America
United States of America
Tel: 1-847-967-2400
Fax: 1-847-967-3915

Europe
United Kingdom
Tel: 44-1753-224000
Fax: 44-1753-224224

Latin America
Brazil
Tel: 55-11-3371-2500
Fax: 55-11-3371-2599

Middle East & Africa
United Arab Emirates
Tel: 971-481-27800
Fax: 971-488-62830

Asia Pacific
Singapore
Tel: 65-6518-1800
Fax: 65-6518-1803

If the products featured will be used in a potentially dangerous and/or hazardous process, your John Crane representative should be consulted prior to their selection and use. In the interest of continuous development, John Crane Companies reserve the right to alter designs and specifications without prior notice. It is dangerous to smoke while handling products made from PTFE. Old and new PTFE products must not be incinerated. ISO 9001 and ISO14001 Certified, details available on request.