



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

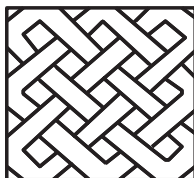
Interlace braid - available Sizes: fraction and millimeter.

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



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