

C1064 shown

### Product Description

John Crane styles C1061, C1064, C1065P, and C1072 are ideal for abrasive services where packing extrusion and sleeve or shaft wear are a concern. These products maintain structural and dimensional stability, offering enhanced performance due to the combination of high quality fibers constituting body construction and the reinforcement of carefully selected aramid or polyimide fiber external corners.

These styles also feature chemical resistance and reduced hardware damage as opposed to packings constructed of high percentage aramid fibers.

### Construction/Features

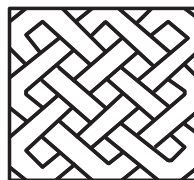
**Interlace braid** - available Sizes: fraction and millimeter.

**C1061** - A combination of PTFE impregnated synthetic and aramid fibers offering the extrusion and abrasion resistance ideal for general service.

**C1064\*** - A combination of graphite impregnated PTFE and aramid fibers offering the extrusion and abrasion resistance ideal for a wide range of abrasive and chemical services.

**C1065P\*** - A combination of graphite impregnated PTFE and polyimide fibers resulting in a high chemically resistant packing with non-scoring abrasion resistant corners.

**C1072** - A combination of non-contaminating virgin PTFE and aramid fibers offering the extrusion and abrasion resistance ideal for a wide range of abrasive and chemical services.



### Performance Capabilities

- Temperature: C1061: -110°C to 260°C/-170°F to 500°F  
C1064/C1065P: -212°C to 288°C/-350°F to 550°F  
C1072: -268°C to 260°C/-450°F to 500°F
- Pressure: C1061 Pump: up to 28 bar/400 psi  
C1064/C1065P Pump: up to 34 bar/500 psi  
C1072 Pump: up to 28 bar/400 psi
- Speed: C1061/C1072: up to 11 mps/2,250 fpm  
C1064: up to 12.5 mps/2,500 fpm  
C1065P: up to 15 mps/3,000 fpm
- pH range: C1061/C1064/C1072: 2 to 12  
C1065P: 0 to 12

### Industries Served

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

## Applications

Dynamic/abrasives, water, chemicals, acids, medium caustics, corrosives, gases, air, oils, steam, solvents, wastewater, slurries, paper stock, liquors, asphalt, fly ash, and condensate.

## Standard Sizes

Styles C1061, C1064, C1065P, and C1072 are available in standard cross-section sizes from 1/4" to 1" in 1/16" increments.

Standard size Rite-Pak® spools 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, 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 strip



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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.