



1772/1774/1775

Injectable Packing

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Product Description

John Crane injectable packing consists of chopped, braided packing fibers combined with a controlled blend of greases and lubricants, resulting in a superior product favored by maintenance mechanics. Its pliability makes it easy to apply. This material can be injected via a high-pressure gun or can be packed by hand. John Crane injectable packing will conform to any size stuffing box.

Construction/Features

John Crane injectable packing is formulated in three styles to meet operating conditions found in most industries:

1775

Consists of nonstaining, noncontaminating PTFE fibers combined with mineral oils. This material is FDA compliant, and is recommended for pulp and paper, pharmaceutical, food processing, and potable water applications.

1774

Consists of expanded graphite encapsulating PTFE fibers combined with mineral oils. This material is chemically inert, and is recommended for pulp and paper stock, sea water, sewage, steam condensate, acids, and caustic applications.

1772

Consists of natural flax fibers combined with a phosphate grease additive. This material is recommended for water, brine, pulp and paper, sewage, mild acid, and caustic applications.

Performance Capabilities

- Temperature:

1775, 1774	Up to 260°C/500°F
1772	Up to 204°C/400°F
- Pressure:

1775, 1772	Up to 10.3 bar/150 psi (Pump)
1774	Up to 17.2 bar/250 psi (Pump)
1775, 1772	Up to 82.6 bar/1,200 psi (Valve)
1774	Up to 207 bar/3,000 psi (Valve)
- Speed:

1775, 1772	Up to 7.6 m/s / 1,500 fpm
1774	Up to 15 m/s / 3,000 fpm
- pH Range:

2 to 12 (all styles)

Industries Served

- Food Processing
- General Industry
- Marine
- Municipal
- Power Generation
- Pulp and Paper





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Applications

John Crane injectable packing can be used in a variety of applications, including pulp and paper stock pumps, municipal agitators and aerators, valve stem packing, and general industry water pumps. Since the packing can be injected while the equipment is running, downtime costs are greatly reduced. John Crane injectable packing should always be used in conjunction with braided end rings to prevent extrusion of the injectable packing. Injectable packing can also be used as a quick and easy valve stuffing box repair to eliminate unwanted valve leakage.

Standard Sizes

John Crane injectable packing is available in boxes of 10 one-half pound sticks. An injection gun (with fittings) is also available for use in injecting the packing into the stuffing box. Packaged boxes of 10 sticks and the injection gun with accessories are both available for immediate shipment.



John Crane

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For your nearest John Crane facility, please contact one of the locations above.

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.

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