

Compression Packings

Style: FLAX

DESCRIPTION: High quality flax and ramie fibers are impregnated with tallow and wax lubricants.

CONSTRUCTION: Plait Braided

TEMPERATURE: 150° F 90° C

PH RANGE: 5-9

SHAFT SPEED: 1000 FPM 5 MPS

PRESSURE: 150 PSI 10 BAR

USES: Cold water, brine, and marine services such as stern tubes and rudder posts.

Style: 7300

DESCRIPTION: Special acrylic yarn is impregnated with PTFE suspenoid. An inert lubricant is added for ease of start-up.

CONSTRUCTION: Interlock braided (1/8" and 3/16" plaited)

TEMPERATURE: 500° F 260° C

PH RANGE: 2-12

SHAFT SPEED: 2200 FPM 11 MPS

PRESSURE: 500 PSI 34 BAR

USES: A general purpose pump and valve packing.

Style: 7310

DESCRIPTION: A special acrylic yarn blend is impregnated with high temp lubricant and finished with particulate graphite.

CONSTRUCTION: Interlock braided (1/8" and 3/16" plaited)

TEMPERATURE: 450° F 230° C

PH RANGE: 4-10

SHAFT SPEED: 1000 FPM 5 MPS

PRESSURE: 300 PSI 20 BAR

USES: An economical general service packing for moderate pump and valve service.

Style: 7330

DESCRIPTION: DuPont's continuous filament Kevlar® is impregnated with PTFE and an inert lubricant, then braided into a dense resilient packing.

CONSTRUCTION: Interlock braided (1/8" and 3/16" plaited)

TEMPERATURE: 500° F 260° C

PH RANGE: 2-12

SHAFT SPEED: 2200 FPM 11 MPS

PRESSURE: 500 PSI 34 BAR

USES: Pump and valve packing for moderate uses. The high tensile strength of Kevlar® makes this packing ideally suited for slurry and abrasive service.

Style: 7500

DESCRIPTION: A PTFE/graphite fiber is braided into a dense packing.

CONSTRUCTION: Interlock braided (1/8" and 3/16" plaited)

TEMPERATURE: 550° F 275° C

PH RANGE: 0-14

SHAFT SPEED: 4000 FPM 20 MPS

PRESSURE: 300 PSI 20 BAR

USES: Excellent economical multi-purpose packing.

Style: 7501

DESCRIPTION: GFO® Yarn is braided with Kevlar® corners.

CONSTRUCTION: Interlock braided

TEMPERATURE: 500° F 260° C

PH RANGE: 2-12

SHAFT SPEED: 2000 FPM 10 MPS

PRESSURE: 500 PSI 34 BAR

USES: Combined attributes of both materials produce a pump packing with abrasion and extrusion resistance.

Style: 7510-FDA

DESCRIPTION: Pure PTFE fiber is impregnated with PTFE suspenoid meeting FDA standards.

CONSTRUCTION: Interlock braided (1/8" and 3/16" plaited)

TEMPERATURE: 500° F 260° C

PH RANGE: 0-14

SHAFT SPEED: 1000 FPM 5 MPS

PRESSURE: 300 PSI 20 BAR

USES: Extreme chemical valve service requiring FDA grade packing.

Style: 7520

DESCRIPTION: Pure PTFE fiber is impregnated with PTFE suspenoid and an inert break-in lubricant.

CONSTRUCTION: Interlock braided (1/8" and 3/16" plaited)

TEMPERATURE: 500° F 260° C

PH RANGE: 0-14

SHAFT SPEED: 1800 FPM 9 MPS

PRESSURE: 300 PSI 20 BAR

USES: A soft but dense packing for extreme chemical pump services. Not for use with molten alkalis.

Style: 7800

DESCRIPTION: Braided from pure expanded flexible graphite.

CONSTRUCTION: Plait Braided

TEMPERATURE: 2000° F 1100° C

PH RANGE: 0-14

SHAFT SPEED: 4000 FPM 20 MPS

PRESSURE: 2500 PSI/170 BAR Valves 500 PSI/34 BAR Pumps

USES: Flexible Graphite packing with low friction, excellent heat transfer, and chemical resistance. Virtually leak free.

Style: 7810

DESCRIPTION: A high temperature non-asbestos valve stem and expansion joint packing for moderate services.

CONSTRUCTION: Inconel inserted heat stabilized fiberglass yarn is braided over a flexible plasticised core. Corrosion inhibitors are added with a high temperature graphite finish.

TEMPERATURE: 1200° F 650° C

PH RANGE: 2-13

SHAFT SPEED: N/A

PRESSURE: 3000 PSI 206 BAR

USES: High temperature steam, gases, and hydrocarbons.

Style: 7820

DESCRIPTION: Carbon yarns are impregnated with a blocking agent with high temp graphite finish added as a break-in lubricant.

CONSTRUCTION: Interlock braided (1/8" and 3/16" plaited)

TEMPERATURE: 750° F 400° C

PH RANGE: 0 - 14

SHAFT SPEED: 2000 FPM 10 MPS

PRESSURE: 500 PSI 34 BAR

USES: General service pump and valve packing for use with solvents, petrochemicals, mild acids, and alkalis.

Style: 7830

DESCRIPTION: Pure graphite yarns are impregnated with a proprietary blocking agent. High quality graphite lubricant is added.

CONSTRUCTION: Interlock braided (1/8" and 3/16" plaited)

TEMPERATURE: 1200° F 650° C

PH RANGE: 0-14

SHAFT SPEED: 4000 FPM 20 MPS

PRESSURE: 2500 PSI/170 BAR Valve 500 PSI/34 BAR Pump

USES: Pump and Valve packing for extreme temperature or aggressive chemical applications with high shaft speeds.