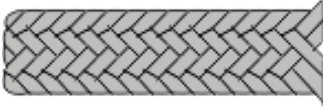




1074 Kenran Industrial Dr.
St. Louis, MO 63137
Phone: 1-800-381-9968

Graphite Greaseless Packing

Graphite Greaseless Packing---PACKGRAP



Centerlock

Centerlock® braided from pure **CPL** fiber. This packing is comparable to GFO® fiber in performance but at a lower cost. **CPL** fiber is made of: Carbon, a high purity graphite; **Polytetrafluoroethylene**, PTFE; and high temperature inert **Lubricant**.

This unique packing has a graphite content of over 50%. That means **CPL** fiber is one of only two yarns to achieve this high graphite content. The end result of this high graphite content is longer wear, better heat transfer, and a broad pH range. Less than 50% PTFE in the yarn makes this packing kinder to the shaft while retaining good abrasion resistance.

Base Material

Graphite/PTFE Yarn

Shape

Square

Temperature

-400°F/-240°C to 550°F/288°C

Lubricant

High Temperature Inert

pH

0-14

Shaft Speed

4912 FPM/25 M/Per Sec

Applications

Best general service high speed pump packing Air, water, sea water, brines, superheated steam, sludges, slurries, waste, petroleum oils, petroleum fuels, solvents, chemicals, liquified gas.

Advantages

Testing between **CPL** and GFO® fibers have shown the products are equivalent in performance. Tests include leak rate, heat transfer and elevated temperature yarn shrinkage.

Maximum Size

2"

Feet Per Pound

1/8"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"	7/8"	1"
105.00	45.25	23.58	15.72	10.13	7.86	6.00	4.73	3.80	3.22	2.70	1.99	1.52

GFO® is a registered trademark of W.L. Gore & Associates



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HUMCO SHAFT ACCESSORIES

Pure Teflon Packing (with Break-in-Lube)

Pure Teflon Packing (with Break-in-Lube)---PACKTEFL



Centerlock®

Centerlock® braided from synthetic yarn thoroughly impregnated with PTFE suspensoid.

A premium grade mineral lubricant is uniformly dispersed throughout the cross section.

This style provides a pump packing lubricated for break in periods which has excellent resistance to various mediums and is impervious to vapors and gases.

Construction

Centerlock®

Base Material

Synthetic yarn

Shape

Square

Lubricant

PTFE suspensoid and high grade mineral oil

Temperature

550°F/288°C

pH

2-12

FPM

2000

Applications

Best general service white pump packing. Air, water, sea water, brines, super-heated steam, sludges, slurries, waste petroleum oils, petroleum fuels, solvents, chemicals.

Advantages

High grade mineral provides lubricant assistance during break in periods.

Maximum Size

2"

Feet Per Pound

1/8"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"	7/8"	1"
69.07	41.01	20.83	14.26	10.25	7.55	5.84	4.61	3.81	3.20	2.70	2.00	1.56



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Pure Teflon Packing (without Break-in-Lube)

Pure Teflon Packing (without Break-in-Lube)---PACKTEFN



Centerlock®

Centerlock® braided from synthetic yarn thoroughly impregnated with PTFE suspensoid.

This construction creates a dense valve and pump packing impervious to vapors and with excellent resistance to a wide variety of mediums

Construction

Centerlock®

Applications

Low speed centrifugal, rotary and reciprocating pumps, valves Air, water, sea water, brines, superheated steam, sludges, slurries, waste, petroleum oils, petroleum fuels, solvents, chemicals and liquified gas.

Base Material

Synthetic yarn

Advantages

Can be used for centrifugal, rotary and valve applications due to lubricity afforded by PTFE.

Shape

Square

Maximum Size

2"

Lubricant

PTFE suspensoid

Temperature

550°F/288°C

pH

2-12

Feet Per Pound

1/8"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"	7/8"	1"
126.06	56.18	31.44	20.53	14.82	11.11	8.33	6.60	5.35	4.49	3.88	2.87	2.20

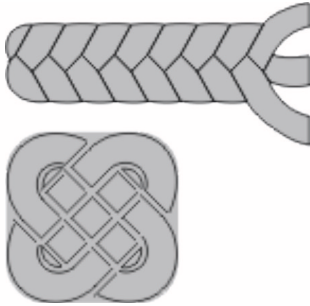


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HUMCO SHAFT ACCESSORIES

Flax and Teflon Packing

Flax and Teflon Packing---PACKFTEF



Plaited

Plaited from pure high grade Flax. Thoroughly impregnated with PTFE suspensoid and our special marine lubricant.

This construction creates a superior packing for marine rudder posts, stabilizer, stern glands, pulp and paper industries.

Construction

Plaited

Base Material

Flax

Shape

Square

Lubricant

PTFE suspensoid and a multi-ingredient compound paraffin and minimal animal fat

Exterior Coating

None

Temperature

200°F/93°C

pH

5-10

Feet Per Pound

1/8"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"	7/8"	1"
116.16	51.95	29.07	18.55	12.92	9.52	7.15	5.82	4.71	3.90	3.27	2.42	1.86

FPM

To 1890

Applications

Centrifugal and rotary pumps water, sea water, brines, sludges, slurries, waste. Marine service for rudder post, stabilizers, stern gland, pulp and paper industries

Advantages

PTFE affords superior lubricity and the longer wear characteristics mean fewer shut downs.

Maximum Size

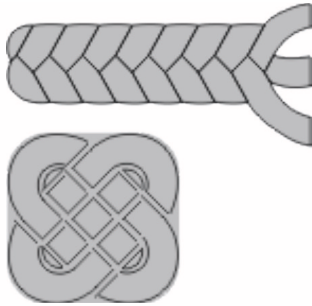
2 1/2"



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Flax and Tallow Packing

Flax and Tallow Packing---PACKFTAL



Plaited

Plaited from pure high grade Flax.

The lubricant is uniformly dispersed throughout the yarn.

Before braiding, the rovings are twisted to increase the strength of the finished section and ensures the fibers maintain their integrity.

Construction

Plaited

FPM

To 1300

Base Material

Flax

Applications

Centrifugal and Rotary Pumps
Water, sea water, brines, sludges, slurries, waste.
Cold water rotary pumps, on board ship pumps, stern tube and stabilizer stuffing boxes.

Shape

Square

Advantages

Our multi-viscosity lubricant affords longer wear and excellent low friction service.

Lubricant

Quad ingredient compound with minimal animal base

Maximum Size

2 1/2"

Exterior Coating

None

Temperature

180°F/82°C

pH

6-9

Feet Per Pound

1/8"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"	7/8"	1"
125.20	55.50	32.00	20.41	14.22	10.47	8.00	6.33	5.12	4.23	3.55	2.61	2.00