NEW STOCK-LINE
All sold in 1m increments

Gland Packing

PURE PTFE PACKING

PTFE packing is braided from yarns manufactured from virgin PTFE. These packings offer outstanding performance in highly corrosive environments due to its unusually **high resistance to chemicals & heat**. The packing is virtually indestructible, has a low coefficient of friction, high compressive strength, good dimensional stability and is self-lubricating.

- Self-lubrication, applicable for dynamic sealing at high linear speed
- Low friction coefficient results in a smooth running shaft
- High chemical resistance

Application areas
Can be used in valves, plunger pumps, agitators, mixers, expansion joints. Specifically suited for high pressure valves.

In centrifugal pumps, control valves and special applications in the chemical, food, pharmaceutical, paper mills and fiber plant industries, where high purity and corrosion resistance is required.

Suitable for:
Water, steam, concentrated acids and caustics, solvents, oils, fatty acids, detergents, aggressive gases. It's resistant to gamma and neutron rays, hydrogen, heat transfer oils, and most other chemicals and solvents.

Pressure			Speed m/s	PH range	Temp. °C	Part number	Size (thickness)
Rotary	Reciprocating	Static					
20	150	150	8	0-14	-200 to +280	**47834**	3mm
20	150	150	8	0-14	-200 to +280	**47835**	5mm
20	150	150	8	0-14	-200 to +280	**47836**	6.5mm
20	150	150	8	0-14	-200 to +280	**47837**	8mm
20	150	150	8	0-14	-200 to +280	**47838**	9.5mm
20	150	150	8	0-14	-200 to +280	**47839**	10mm
20	150	150	8	0-14	-200 to +280	**47840**	12.5mm
20	150	150	8	0-14	-200 to +280	**47841**	16mm
20	150	150	8	0-14	-200 to +280	**47842**	19mm
20	150	150	8	0-14	-200 to +280	**47843**	25mm

COTTON FIBRE MARINE GRADE

MARINE GRADE PACKING is made of cotton fibre impregnated PTFE dispersion, Paraffin WAX.

- Economical and non pollution packing
- Excellent results in wet applications

Pressure			Speed m/s	PH range	Temp. °C	Part number	Size (thickness)
Rotary	Reciprocating	Static					
10	30	60	8	2-12	-100 to +120	**47880**	6.5mm
10	30	60	8	2-12	-100 to +120	**47881**	8mm
10	30	60	8	2-12	-100 to +120	**47882**	10mm
10	30	60	8	2-12	-100 to +120	**47883**	13mm

Widely used in:
Water, sewage water, sea water, salt solutions

Distributed by

Pacific Seals, 1D Quadrant Drive, Gracefield, Lower Hutt **www.pacificseals.co.nz** **04 566 3180**

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GRAPHITE PACKING

Suitable for pumps and low pressure valves handling:
Hot water, steam, acids, alkalis, thermic fluid, petrochemical, condensate organic solvents, hydrocarbons, ammonia, hydrogen gas, cryogenic liquids and low temperature liquids.

PURE FLEXIBLE GRAPHITE is made from expanded braided graphite yarn. These packings have low elasticity and are non-abrasive, non-hardening and self-lubricating. These packings are thermally stable and have high thermal conductivity which allows them to be used at higher temperatures. These packings are inert to most chemicals and have low friction coefficients.

- Incorporates sacrificial metal corrosion inhibitor to protect the shaft from galvanic corrosion
- Self generating lubrication that accommodates & aids self-adjustment on tightening
- Excellent chemical resistant capabilities and is very low friction to negate scoring of sleeves and plungers
- Very effective in steam applications

Pressure			Speed m/s	PH range	Temp. °C	Part number	Size (thickness)
Rotary	Reciprocating	Static					
30	100	250	8	0-14	-200 to +280	**47850**	3mm
30	100	250	8	0-14	-200 to +280	**47851**	5mm
30	100	250	8	0-14	-200 to +280	**47852**	6.5mm
30	100	250	8	0-14	-200 to +280	**47853**	8mm
30	100	250	8	0-14	-200 to +280	**47854**	9.5mm
30	100	250	8	0-14	-200 to +280	**47855**	10mm
30	100	250	8	0-14	-200 to +280	**47856**	12.5mm
30	100	250	8	0-14	-200 to +280	**47857**	16mm
30	100	250	8	0-14	-200 to +280	**47858**	19mm
30	100	250	8	0-14	-200 to +280	**47859**	25mm

Fitting Instructions for Packing

1. Where length form packing is used, spirally wrap the packing around a rod diameter equivalent to the valve spindle. Cut the required number of rings to fill the packing space with a sharp knife to obtain good butt joins.

2. Carefully remove all old packing.

3. Thoroughly clean all surfaces that will contact the packing and if permissible, smear with lubricant*. Check gland and neck bushes and spindle or shaft surface for wear and repair if necessary.

4. Place the first ring around the spindle or shaft by opening to an "S" configuration to ensure that the ring is not damaged.

5. Partially enter both ends of the first ring together into the stuffing box before inserting the remainder of the ring, and then firmly push to the bottom of the stuffing box. Assist with split sleeve.

6. Insert the remainder of the rings in the same way, ensuring that the joins are staggered by 90°. N.B. Rings must be fitted individually and not as a set.

*Silicone grease, molyon grease or graphite grease.

For Pump Applications:
When the required number of rings have been fitted to fill the stuffing box, fit the gland follower and tighten the gland nuts to level the gland spigot. Pull up to finger tightness only, then turn nut by one or two flats, slacken back, then pull up to finger tightness again. (When storage is anticipated the gland should be left slack) **DO NOT OVER TIGHTEN.**

Prime casing and run pump up to operating speed for 10 to 15 minutes. If no leakage occurs, stop pump, vent casing pressure and slacken gland further. Repeat until leakage occurs.
The controlled leakage, essential for lubrication purposes, can then be obtained by running the pump and evenly tightening the gland nut in increments of two flats until approximately one drop every few seconds is obtained. Approximately 15 minutes should be left between successive adjustments.

For Valves:
When the required number of rings have been fitted correctly to fill the stuffing box, fit the gland follower and tighten the gland nuts to level the gland spigot.

Tighten evenly until spindle has been tightly gripped then ease off the gland nuts so that the spindle will just turn. The system pressure can now be introduced.

After a few hours service it is advisable to check the gland adjustment and take up any slack that may have taken place due to initial settling in.

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