

Champion Neoflon™

Style 2



PREMIUM 100% DRY PTFE GLAND PACKING

FDA confirming food grade ePTFE packing for cleanliness

CHAMPION NEOFLON™ Style 2 Packing

is a high-purity white packing, cross-plaited from tough thermally stable PTFE fibre yarn. This yarn is impregnated with densified particles of PTFE to generate extra lubrication. The packing is then cleansed of all organic matter and volatile content.

Key Features:

- High purity, with excellent chemical resistance.
- Clean and highly conformable for easy fitting.
- Non-toxic and inert to protect the purity and safety of fluid media.
- PTFE dispersion acts as a blocking agent and antifricition additive.

Applications:

CHAMPION NEOFLON™ Style 2 Packing

is used for exceptional corrosion resistance in valves, rotary and reciprocating equipments and in applications where the low friction characteristics of pure PTFE are required.

Service Media:

Compatible with media in the range pH 0-14, including corrosive acids and alkalis but excluding molten alkali metals, fluorine compounds and aqua regia. Can be used in corrosive gases, acids and alkalies, ammonia, solvents, hydrocarbons, food stuff and pharmaceutical.

How Supplied:

All popular sections from 3mm to 25mm in boxes containing length of 10m or in coil form by meter or 1/2.5 kilograms. Also supplied as split pre-formed rings and ring sets. Special size and lengths available on request.

Spool ordering information

Size		Standard Packaged (±10%)		
mm	inch	Meter/kg	Meter/box	Kg/coil (Lbs)
3	1/8	60.06	10.00	0.17 (0.37)
4	5/32	29.76	10.00	0.34 (0.75)
5	3/16	22.22	10.00	0.45 (1)
6	1/4	16.34	16.34	1 (2.2)
8	5/16	9.19	9.19	1 (2.2)
10	3/8	6.25	6.25	1 (2.2)
12.5	1/2	4.27	4.27	1 (2.2)
14	9/16	3.40	3.40	1 (2.2)
16	5/8	2.69	2.69	1 (2.2)
19	3/4	1.91	4.78	2.5 (5.5)
22	7/8	1.42	3.56	2.5 (5.5)
25	1	1.10	2.76	2.5 (5.5)



VALVE STEM DUTIES

Maximum Operating Temperature:

+280°C / +536°F

Minimum Operating Temperature:

-268°C / -450°F

Maximum System Pressure:

15 MPa / 150 Bar (2175 psi)



RECIPROCATING PUMPS AND RAMS

Maximum Operating Temperature:

+280°C / +536°F

Minimum Operating Temperature:

-268°C / -450°F

Maximum System Pressure:

10 MPa / 100 Bar (1450 psi)

Maximum Rod Speed:

1.0 m/s (197 fpm)*



CENTRIFUGAL PUMPS AND ROTARY EQUIPMENT

Maximum Operating Temperature:

+280°C / +536°F

Minimum Operating Temperature:

-268°C / -450°F

Maximum Shaft Speed:

10 m/s (1969 fpm)

Maximum System Pressure:

2.5 MPa / 25 Bar (363 psi)

Minimum Sleeve Hardness:

30 HRC

APPROVALS / COMPLIANCE

FDA 21 CFR170.39



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