

Champion Hydroflon™

Style 374



FIBRE YARN IMPREGNATED WITH PURE PTFE GLAND PACKING

General duties for all dynamic applications with water compatibility

CHAMPION HYDROFLON™ Style 374

Packing is a hydraulic packing which is braided from soft natural fibre yarn impregnated yarn-by-yarn with high grade pure PTFE and treated with special inert lubricants.

Key Features:

- Easily adjustable during application.
- Resistant to deformation.
- Lubrication reduces shaft scoring.
- PTFE reduces shaft corrosion.
- Excellent resistance to water duties, salt water, solvents, fuels, oils and greases.

Applications:

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Packings are recommended for use in hydraulic applications in low and medium pressure pumps and valves, air compressors, vacuum pumps and in thermal power plants.

The packing is suitable for all dynamic applications with raw water, sea water, oils and greases (propeller shaft, pumps and agitators).

Service Media:

Compatible with media in the range pH 4-10. Suitable for use with hot and cold water, condensates and hydraulic fluids. It is also suitable for use with weakly aggressive fluids, food, canning and naval industries.

How Supplied:

All popular sections from 6mm to 25mm in boxes containing 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)
6	1/4	24.15	24.15	1 (2.2)
8	5/16	14.20	14.20	1 (2.2)
10	3/8	9.09	9.09	1 (2.2)
12.5	1/2	6.10	6.10	1 (2.2)
14	9/16	4.86	4.86	1 (2.2)
16	5/8	3.72	3.72	1 (2.2)
19	3/4	2.77	6.93	2.5 (5.5)
22	7/8	2.17	5.44	2.5 (5.5)
25	1	1.68	4.21	2.5 (5.5)



VALVE STEM DUTIES

Maximum Operating Temperature:

+150°C / +302°F

Minimum Operating Temperature:

-40°C / -40°F

Maximum System Pressure:

8 MPa / 80 Bar (1160 psi)



RECIPROCATING PUMPS AND RAMS

Maximum Operating Temperature:

+150°C / +302°F

Minimum Operating Temperature:

-40°C / -40°F

Maximum System Pressure:

5 MPa / 50 Bar (725 psi)

Maximum Rod Speed:

2 m/s (393 fpm)*



CENTRIFUGAL PUMPS AND ROTARY EQUIPMENT

Maximum Operating Temperature:

+150°C / +302°F

Minimum Operating Temperature:

-40°C / -40°F

Maximum Shaft Speed:

10 m/s (1969 fpm)

Maximum System Pressure:

2.5 MPa / 25 Bar (362 psi)

Minimum Sleeve Hardness:

30 HRC

APPROVALS / COMPLIANCE

FDA 21 CFR170.39



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