

Champion Hydroflon™

Style 376



FIBRE YARN IMPREGNATED WITH HIGH GRADE MICA FLAKES GLAND PACKING

General duties for all hydraulic applications

CHAMPION HYDROFLON™ Style 376

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

Key Features:

- Lubrication reduces shaft wear and friction.
- MICA helps in lubrication and dissipating heat.
- Superior surface finish and moisture-proof.
- Improved resistance to wear and tear.

Applications:

CHAMPION HYDROFLON™ Style 376

Packings are recommended for use in hydraulic applications in low and medium centrifugal pumps, pistons, saline and muddy water at high RPMs

The packing is suitable for all hydraulic applications.

Service Media:

Compatible with media in the range pH 6-10. Suitable for use with cold water applications, condensates and hydraulic fluids.

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	17.92	6.00	0.33 (0.72)
8	5/16	10.42	6.00	0.57 (1.25)
10	3/8	6.67	6.00	0.90 (1.98)
12.5	1/2	4.57	3.00	0.65 (1.43)
14	9/16	3.64	3.00	0.82 (1.80)
16	5/8	2.79	3.00	1.07 (2.35)
19	3/4	1.98	3.00	1.51 (3.32)
22	7/8	1.53	3.00	1.96 (4.31)
25	1	1.19	3.00	2.52 (5.54)



VALVE STEM DUTIES

Maximum Operating Temperature:

+120°C / +248°F

Minimum Operating Temperature:

-40°C / -40°F

Maximum System Pressure:

8 MPa / 80 Bar (1160 psi)



RECIPROCATING PUMPS AND RAMS

Maximum Operating Temperature:

+120°C / +248°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:

+120°C / +248°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

*Kindly consult Champion Technical Support for higher speed duties.



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