

# Champion Hydroflon™ Marine Packing

## Style 2222

**FIBRE YARN IMPREGNATED WITH HIGH GRADE  
MICA FLAKES GLAND PACKING**

### General duties for marine applications



#### CHAMPION HYDROFLON™ Style 2222

**Marine Packing** is a hydraulic packing which is braided from long life natural flax 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 2222

**Marine 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	17.36	6.00	0.35 (0.77)
8	5/16	10.08	6.00	0.60 (1.32)
10	3/8	6.45	6.00	0.93 (2.04)
12.5	1/2	4.41	3.00	0.68 (1.50)
14	9/16	3.52	3.00	0.85 (1.87)
16	5/8	2.69	3.00	1.11 (2.44)
19	3/4	2.05	3.00	1.46 (3.21)
22	7/8	1.53	3.00	1.96 (4.31)
25	1	1.19	3.00	2.53 (5.56)



#### 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.



### CHAMPION SEALS INDIA PRIVATE LIMITED

Champion House, 15 Parsi Panchayat Road, Andheri (East), Mumbai – 400069. India

Product Inquiry : [info@championseals.in](mailto:info@championseals.in)

Customer Care Number: +91 98201 71162

Website : [www.championseals.in](http://www.championseals.in)

