

# Champion Ultraflon™

## Style 3



### PREMIUM PTFE GLAND PACKING

Highest corrosion resistance and very low coefficient of friction



#### CHAMPION ULTRAFLON™ Style 3

**Packing** is a high-purity white packing, cross-plaited from tough thermally stable ePTFE fibre yarn. This yarn is impregnated with densified particles of PTFE to generate extra lubrication.

#### Key Features:

- Excellent chemical resistance.
- High performance sealing in valve and pump applications.
- Long and efficient life with minimum maintenance.
- Good dimensional stability.
- Clean and highly conformable for ease of fitting.

#### Applications:

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**Packing** is used for exceptional chemically resistant applications in valves stem duties, rotary equipments and reciprocating pumps. It is also suitable for applications in mixers, reciprocating rods, centrifugal pumps, reactors, agitators and extruders, 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 highly aggressive and corrosive gases, concentrated 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. 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	54.20	10.00	0.18 (.39)
4	5/32	28.41	10.00	0.35 (7.49)
5	3/16	19.05	10.00	0.53 (1.10)
6	1/4	14.25	14.25	1 (2.2)
8	5/16	8.01	8.01	1 (2.2)
10	3/8	5.56	5.56	1 (2.2)
12.5	1/2	3.56	3.56	1 (2.2)
14	9/16	3.00	3.00	1 (2.2)
16	5/8	2.30	2.30	1 (2.2)
19	3/4	1.68	4.20	2.5 (5.5)
22	7/8	1.29	3.23	2.5 (5.5)
25	1	1.00	2.50	2.5 (5.5)



#### VALVE STEM DUTIES

**Maximum Operating Temperature:**

+260°C / +500°F

**Minimum Operating Temperature:**

-200°C / -328°F

**Maximum System Pressure:**

15 MPa / 150 Bar (2175 psi)



#### RECIPROCATING PUMPS AND RAMS

**Maximum Operating Temperature:**

+260°C / +500°F

**Minimum Operating Temperature:**

-200°C / -328°F

**Maximum System Pressure:**

15 MPa / 150 Bar (2175 psi)

**Maximum Rod Speed:**

1.0 m/s (196 fpm) \*



#### CENTRIFUGAL PUMPS AND ROTARY EQUIPMENT

**Maximum Operating Temperature:**

+260°C / +500°F

**Minimum Operating Temperature:**

-200°C / -328°F

**Maximum Shaft Speed:**

10 m/s (1968 fpm)

**Maximum System Pressure:**

2.5 MPa / 25 Bar (362 psi)

**Minimum Sleeve Hardness:**

30 HRC



## CHAMPION SEALS INDIA PRIVATE LIMITED

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