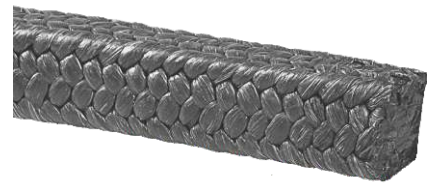


# Champion Flurocarb™

## Style 23



### PREMIUM HIGH TENSILE ePTFE GLAND PACKING

High performance ePTFE/graphite for having excellent abrasion and chemical resistance



#### CHAMPION FLUROCARB™ Style 23 (High Tensile ePTFE Graphite) Packing is

constructed from high tensile strength ePTFE yarn which incorporates high quality graphite for better heat transfer. The constituents impart improved thermal conductivity, heat dissipation, lubricity, low thermal expansion coefficient and low coefficient of friction.

#### Key Features:

- High tensile strength
- Low coefficient of friction
- Minimal wear on shafts and sleeves
- Long life valve sealing with minimum maintenance

#### Applications:

CHAMPION FLUROCARB™ Style 23 (High Tensile ePTFE Graphite) Packings is used in high speed shafts in rotating, reciprocating and static services, valve stems, slurry and high pressure applications.

#### Service Media:

Compatible with media in the range pH 3-14 excluding strong oxidizing agents but excluding molten alkali metals, fluorine compounds, aqua regia, fuming nitric acid and ammonium nitrate. Also suitable for use with demineralized water, raw water, hydrocarbons, paints, synthetic resins, emulsions, viscous slurries, and many other general industrial media.

#### 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	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:**

20 MPa / 200 Bar (2900 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:**

20 m/s (3937 fpm)\*



#### CENTRIFUGAL PUMPS AND ROTARY EQUIPMENT

**Maximum Operating Temperature:**

+260°C / +500°F

**Minimum Operating Temperature:**

-200°C / -328°F

**Maximum Shaft Speed:**

2 m/s (393 fpm)

**Maximum System Pressure:**

2 MPa / 20 Bar (290 psi)

**Minimum Sleeve Hardness:**

30 HRC



### CHAMPION SEALS INDIA PRIVATE LIMITED

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