

Champion Kombiflon™

Style 6375

COMBINATION PACKING FOR SLURRY APPLICATION



High performance PTFE graphite packing with aramid core for abrasive media

CHAMPION KOMBIFLON™ Style 6375 is a Combination Packing manufactured from a high strength aramid core encapsulated inside an PTFE / graphite jacket. The aramid core contributes for exceptional mechanical strength and dimensional stability for abrasive applications, while the PTFE / graphite jacket provides chemical resistance, heat conductivity, self-lubrication and a low coefficient of friction.

Key Features:

- Highly resistant to abrasion.
- Capable of safeguarding parent equipment from corrosion which frequently takes place due to friction between sleeves and conventional hard packing when it wears out.
- Requires minimum gland adjustment for extreme leakage free performance.
- Minimal maintenance cost.
- Absorbs eccentric shaft/ram actions and thermal/pressure shocks and cycling.

Applications:

CHAMPION KOMBIFLON™ Style 6375 are speciality packings recommended for slurry applications requiring high abrasion resistance

Can be used in Pump Stuffing Box, Valve Gland, Agitator, Mixer, Clinker Grinder, Digesters, Booster, rotary and reciprocating pumps etc.

Service Media:

Compatible with media in the range pH 1-13, including water, steam, fuels, oils, solvents, waxes, and mild acids and alkalis.

Recommended for use with ash slurry, fly ash water, chemical slurry, iron ore, alumina slurry, viscous chemical mixed with solid particles, coal dust or any other abrasive media.

How Supplied:

All popular sections from 6mm 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)
6	1/4	18.52	18.52	1 (2.2)
8	5/16	10.78	10.78	1 (2.2)
10	3/8	6.90	6.90	1 (2.2)
12.5	1/2	4.57	4.57	1 (2.2)
14	9/16	3.64	3.64	1 (2.2)
16	5/8	2.89	2.89	1 (2.2)
19	3/4	2.13	5.33	2.5 (5.5)
22	7/8	1.59	3.97	2.5 (5.5)
25	1	1.23	3.08	2.5 (5.5)



VALVE STEM DUTIES

Maximum Operating Temperature:

+280°C / +536°F

Minimum Operating Temperature:

-100°C / -148°F

Maximum System Pressure:

25 MPa / 250 Bar (3625 psi)



RECIPROCATING PUMPS AND RAMS

Maximum Operating Temperature:

+280°C / +536°F

Minimum Operating Temperature:

-100°C / -212°F

Maximum System Pressure:

10 MPa / 100 Bar (1450 psi)

Maximum Rod Speed:

2 m/s (393 fpm)*



CENTRIFUGAL PUMPS AND ROTARY EQUIPMENT

Maximum Operating Temperature:

+280°C / +536°F

Minimum Operating Temperature:

-100°C / -212°F

Maximum Shaft Speed:

24 m/s (4725 fpm)*

Maximum System Pressure:

2 MPa / 20 bar (290 psi)



CHAMPION SEALS INDIA PRIVATE LIMITED

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

Product Inquiry : info@championseals.in

Customer Care Number: +91 98201 71162

Website : www.championseals.in

