

Champion Kombiflon™

Style 5375

HOLLOW CORE PACKING FOR SLURRY APPLICATION



High performance PTFE graphite aramid core with elastomer core for abrasive media

CHAMPION KOMBIFLON™ Style 5375 is a Combination Packing manufactured from a high strength aramid core encapsulated inside an PTFE / graphite jacket. This packing has a hollow core of special elastomeric compound designed especially for equal distribution of pressure and self-adjustment during dynamic operations.

Key Features:

- Highly resistant to abrasion.
- Capable of safeguarding parent equipment from corrosion.
- 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 5375 are speciality hollow core packings are specifically designed to seal slurry applications for large rotating equipment like mixers and agitators.

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	16.84	16.84	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	4.74	4.74	1 (2.2)
14	9/16	3.78	3.78	1 (2.2)
16	5/8	3.00	3.00	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:

8 MPa / 80 Bar (1160 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:

17.5 m/s (3444 fpm)*

Maximum System Pressure:

2 MPa / 20 bar (290 psi)



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