

Champion Duragold™

Style 173

PTFE IMPREGNATED SPUN ARAMID PACKING

Excellent universal pump packing for granular and abrasive applications



CHAMPION Style 173 Spun Aramid

Packing is an abrasion resistant, aramid packing resistant to chemicals at high temperature. This performance packing is cross-plaited from staple fibre spun high quality aramid yarns. Each stand of yarn is uniformly impregnated with PTFE dispersion and temperature resisting silicone oil.

Key Features:

- PTFE suspensoid thoroughly seals and fills all voids providing better resistance to chemical attack.
- A light lubricant is applied under pressure to improve run-in properties.
- High mechanical stability and low co-efficient of friction
- Excellent abrasion resistance minimizing shaft wear to the parent equipment

Applications:

CHAMPION Style 173 Spun Aramid Packings are used primary for sealing/pump packings in high temperature, abrasive media and slurry applications.

Typical applications are valves, pumps, agitators, rotary and reciprocating applications in solvents, mild alkalies handling abrasive and aggressive media in pulp and paper mills, petrochemical plants, power stations, metallurgical plants, sewage works. Suitable for highly corrosive chemicals and abrasive media.

Service Media:

Water type fluids (water/steam), oil type fluids, organic solvents, hydrocarbons, chemical products, corrosive fluids (other than oxidizing acids) and low temperature fluids. Not recommended for oxygen, fuming nitric acid.

How Supplied:

All popular sections from 6mm to 25mm in boxes containing coils of 2.5/5 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	27.75	69.38	2.5 (5.5)
8	5/16	15.50	38.75	2.5 (5.5)
10	3/8	10	25	2.5 (5.5)
12.5	1/2	6	15	2.5 (5.5)
14	9/16	5	12.50	2.5 (5.5)
16	5/8	3.80	9.50	2.5 (5.5)
19	3/4	2.75	13.75	5 (11)
22	7/8	2	10	5 (11)
25	1	1.50	7.50	5 (11)



VALVE STEM DUTIES

Maximum Operating Temperature:

+280°C / +536°F

Minimum Operating Temperature:

-100°C / -148°F

Maximum System Pressure:

15 MPa / 150 Bar (2175 psi)



RECIPROCATING PUMPS AND RAMS

Maximum Operating Temperature:

+280°C / +536°F

Minimum Operating Temperature:

-100°C / -148°F

Maximum System Pressure:

8 MPa / 80 Bar (1160 psi)

Maximum Rod Speed:

1.5 m/s (295 fpm)*



CENTRIFUGAL PUMPS AND ROTARY EQUIPMENT

Maximum Operating Temperature:

+280°C / +536°F

Minimum Operating Temperature:

-100°C / -148°F

Maximum Shaft Speed:

15 m/s (2952 fpm)

Maximum System Pressure:

2.5 MPa / 25 Bar (363 psi)

Minimum Sleeve Hardness:

30 HRC



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