

Champion Duragold™ Plus

Style 174

PREMIUM ARAMID GLAND PACKING



High performance aramid packing having excellent chemical resistance

CHAMPION DURAGOLD™ Style 174

Aramid-PTFE (Impregnated) Packing is a high-performance abrasion resistant, aramid packing resistant to chemicals at high temperature. This performance packing is cross-plaited from texturized filament para-aramid yarns. Each stand of yarn is uniformly impregnated with PTFE dispersion and temperature resistant lubricants.

Key Features:

- Long service life with minimal shaft wear.
- Tough aramid construction provides dimensional stability and resistance to deformation.
- Minimal maintenance cost.
- Absorbs eccentric shaft/ram actions and thermal/pressure shocks and cycling.

Applications:

CHAMPION DURAGOLD™ Style 174 Aramid-PTFE (Impregnated) Packing are also used primary for sealing 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 duties with suitable for potable water, medium pressure steam, and hardening fluids.

Service Media:

Compatible with media in the range pH 3-12, including water, oils, solvents, medium strength acids and alkalis.

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	49.38	10.00	0.20 (0.44)
4	5/32	37.88	10.00	0.26 (0.57)
5	3/16	24.24	10.00	0.41 (0.91)
6	1/4	17.36	17.36	1 (2.2)
8	5/16	9.77	9.77	1 (2.2)
10	3/8	6.45	6.45	1 (2.2)
12.5	1/2	4.27	4.27	1 (2.2)
14	9/16	3.40	3.40	1 (2.2)
16	5/8	2.69	2.69	1 (2.2)
19	3/4	1.98	4.95	2.5 (5.5)
22	7/8	1.48	3.69	2.5 (5.5)
25	1	1.14	2.86	2.5 (5.5)



VALVE STEM DUTIES

Maximum Operating Temperature:

+250°C / +482°F

Minimum Operating Temperature:

-200°C / -328°F

Maximum System Pressure:

25 MPa / 250 Bar (3626 psi)



RECIPROCATING PUMPS AND RAMS

Maximum Operating Temperature:

+250°C / +482°F

Minimum Operating Temperature:

-200°C / -328°F

Maximum System Pressure:

15 MPa / 150 Bar (2175 psi)

Maximum Rod Speed:

2 m/s (393 fpm)*



CENTRIFUGAL PUMPS AND ROTARY EQUIPMENT

Maximum Operating Temperature:

+250°C / +482°F

Minimum Operating Temperature:

-200°C / -328°F

Maximum Shaft Speed:

20 m/s (3937 fpm)

Maximum System Pressure:

3.5 MPa / 35 Bar (507 psi)

Minimum Sleeve Hardness:

45 HRC



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