

Champion Graflon™

Style 63

PTFE GRAPHITE PACKING



Highly effective sealing for general services

CHAMPION Style 63 PTFE Graphite

Packings is a highly reliable unique duplex plaited packing based on PTFE filament yarn having graphite treatment to enhance lubricity and heat dissipation.

This packing is self-lubricating, excellent chemical resistance and resulting in reducing downtime costs as it can handle wide range of applications.

Key Features:

- Excellent chemical resistance.
- Low leakage, product does not extrude and long life.
- Low friction, less heat generation, safeguard shafts and sleeves from wear.
- Easy installation and change-out time.
- Lowers maintenance and sealing element expenditures.

Applications:

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Packings are used primary for general sealing services. Typical applications are pumps, valves, and other static or dynamic equipment handling corrosive chemicals. Recommended in the core sectors like steel, petrochemical, power generation, manufacturing sectors and also with pump and valve manufacturers.

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 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	15.87	15.87	1 (2.2)
8	5/16	10.08	10.08	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	2.79	2.79	1 (2.2)
19	3/4	1.98	4.95	2.5 (5.5)
22	7/8	1.53	3.83	2.5 (5.5)
25	1	1.19	2.96	2.5 (5.5)



VALVE STEM DUTIES

Maximum Operating Temperature:

+260°C / +468°F

Minimum Operating Temperature:

-100°C / -148°F

Maximum System Pressure:

12 MPa / 120 Bar (1740 psi)



RECIPROCATING PUMPS AND RAMS

Maximum Operating Temperature:

+260°C / +468°F

Minimum Operating Temperature:

-100°C / -148°F

Maximum System Pressure:

8 MPa / 80 Bar (1160 psi)

Maximum Rod Speed:

2.0 m/s (393 fpm)*



CENTRIFUGAL PUMPS AND ROTARY EQUIPMENT

Maximum Operating Temperature:

+260°C / +468°F

Minimum Operating Temperature:

-100°C / -148°F

Maximum Shaft Speed:

17.5 m/s (3444 fpm)

Maximum System Pressure:

2 MPa / 20 Bar (290 psi)



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