

Champion Grafalon™

Style 536

PREMIUM ePTFE GRAPHITE HOLLOW CORE
GLAND PACKING

High performance ePTFE / graphite packing
with elastomer core



CHAMPION Style 536 PTFE Graphite Hollow Core Packings is manufactured from premium yarn which combines the benefits of ePTFE, graphite and high temperature lubricants. This packing is self Lubricating, excellent chemical Resistance and resulting in reducing downtime costs. 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:

- Superior compression and recovery characteristics with out-of-true shafts and spindles.
- The high density elastomeric core provides resilience and resistance to high working pressures, and can absorb the vibration and eccentric movement created by worn running surfaces.
- Low shaft wear.

Applications:

CHAMPION GRAFLON™ Style 536 ePTFE Graphite Packings are best suited for dynamic and static duties, including pumps, valves, mixers and reactors, handling aggressive media. It is recommended for cooling water pumps and condensate extraction systems. This packing is widely used in refineries, petrochemicals & fertilizer Industries and is equivalent to popularly used "GFO Packings".

Service Media:

Compatible with media in the range pH 0-14 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 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:

-200°C / -328°F

Maximum System Pressure:

20 MPa / 200 Bar (2900 psi)



RECIPROCATING PUMPS AND RAMS

Maximum Operating Temperature:

+280°C / +536°F

Minimum Operating Temperature:

-200°C / -328°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:

+280°C / +536°F

Minimum Operating Temperature:

-200°C / -328°F

Maximum Shaft Speed:

17.5 m/s (3444 fpm)

Maximum System Pressure:

3.5 MPa / 35 Bar (507 psi)

Minimum Sleeve Hardness:

30 HRC



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