

Champion Graflon™

Style 36

PREMIUM ePTFE GRAPHITE GLAND PACKING

High performance ePTFE/graphite having excellent resiliency and chemical resistance



CHAMPION GRAFLON™ Style 36 ePTFE

Graphite Packing is manufactured from premium yarn which combines the benefits of ePTFE, graphite and high temperature lubricants. An ideal balance between density, resiliency, strength and durability is ensured by this cross-plaited packing.

Key Features:

- A dense packing with a high degree of resilience, incorporating a break-in lubricant.
- This lubrication system provides very smooth start-up for pumps, plus long service life with low friction properties to safeguard shafts and sleeves from wear.
- Graphite content aids heat dissipation to extend further the service life.
- High pressure resistant and self-adjusting packing which requires minimum gland adjustment.

Applications:

CHAMPION GRAFLON™ Style 36 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 suitable for use with demineralised water, raw water, hydrocarbons, paints, synthetic resins, emulsions, viscous slurries, steam, wood pulp, caustics, oils, solvents, acids and strong chemicals but excluding strong oxidising agents.

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 (4.85)
4	5/32	29.76	10.00	0.34 (7.49)
5	3/16	20.00	10.00	0.50 (1.10)
6	1/4	14.62	14.62	1 (2.2)
8	5/16	8.68	8.68	1 (2.2)
10	3/8	6.06	6.06	1 (2.2)
12.5	1/2	3.88	3.88	1 (2.2)
14	9/16	3.09	3.09	1 (2.2)
16	5/8	2.44	2.44	1 (2.2)
19	3/4	1.73	4.33	2.5 (5.5)
22	7/8	1.38	3.44	2.5 (5.5)
25	1	1.07	2.67	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:

10 MPa / 100 Bar (1450 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:

25 m/s (4921 fpm)

Maximum System Pressure:

3.5 MPa / 35 Bar (507 psi)

Minimum Sleeve Hardness:

30 HRC



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