

Champion Graphite Wire Mesh Jacketed (Inconel)

Style 672 (I)

PURE EXPANDED GRAPHITE WITH INCONEL WIRE LOW EMISSION PACKING

High Temperature High Performance
Low Emission Valve Packing



CHAMPION Style 672 Graphite Inconel Wire Mesh Jacketed Packing is made with each flexible graphite yarn being jacketed with wire prior to being braided. This packing incorporates a proprietary lubrication system that provides leakage control and high integrity in service. This fire safe, chemically resistant packing preserves our environment while improving process yield.

- Third party tested low-emissions.
- Chemical resistant, dimensionally stable, self-lubricating and non-hardening,
- Excellent choice for leak detection and repair programs (LDAR).
- Used to prevent fugitive leaks of volatile hazardous air pollutant (VHAP).
- Suitable for both rotary as well as rising-stem valve application.

Applications:

CHAMPION Style 672 Graphite Inconel Wire Mesh Jacketed Packing can be used for valves, relief valves, and various other pieces of equipment within a process, performing harsh operating conditions where fugitive emissions need to be reduced handling fluid media such as hydrocarbon liquid fuels and gases, lubricating oils and processing chemicals and other fluids.

Service Media:

Water, Superheated and saturated steam, lubricating oils, organic solvents, hydrocarbon liquid fuels and gases, processing chemical products, petrochemicals, thermic fluids, corrosive fluids (other than oxidizing acids), low temperature fluids.

How Supplied:

All popular sections from 6mm 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 ($\pm 10\%$)		
mm	inch	Meter/kg	Meter/box	Kg/coil (Lbs)
6	1/4	18.52	18.52	1 (2.2)
8	5/16	11.57	11.57	1 (2.2)
10	3/8	7.41	7.41	1 (2.2)
12	1/2	5.12	5.12	1 (2.2)
14	9/16	4.08	4.08	1 (2.2)
16	5/8	3.40	3.40	1 (2.2)
19	3/4	2.41	6.02	2.5 (5.5)
22	7/8	1.97	4.92	2.5 (5.5)
25	1	1.52	3.81	2.5 (5.5)



VALVE STEM DUTIES

Maximum Operating Temperature:

+650°C / +1200°F (Steam)
+450°C / +842°F (Oxidising)
+1000°C / +1800°F (Non Oxidising)

Minimum Operating Temperature:

-200°C / -328°F

Maximum System Pressure:

45 MPa / 450 Bar (6526 psi)

Minimum Sleeve Hardness:

30 HRC

APPROVALS / COMPLIANCE

Shell specification
SPE 77/312 Production Test

*Kindly consult Champion Technical Support for higher speed duties.



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