

## Technical Data Sheet

# Flexitallic 308

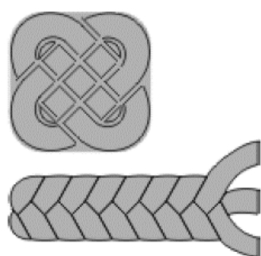
# Compression Packing

Flexitallic style 308, is a high quality Fugitive Emissions square braided packing using high purity Exfoliated Graphite, over-knitted with Inconel wire. Contains a high temperature corrosion inhibitor.

Flexitallic 308 is a conformable, strong and stable braided packing primarily designed for use in high pressure, high temperature valve stem sealing applications where the control of emissions is paramount. Flexitallic 308 possesses excellent chemical resistance and is suitable for use in applications involving a wide range of media (with the exception of strong oxidising chemicals). This packing material is particularly suitable for sealing high pressure, high temperature valves in oil & gas, petrochemical and general industries.



- Materials of construction: High purity (>99.0%) Exfoliated Graphite and Inconel wire reinforcement.
- Colour: Black (shiny).
- Typical applications: Valves stems.
- Approvals: TA-Luft VDI 2440 and API-622 approvals.



Temperature: Maximum Minimum	460 °C (860 °F) / 650 °C (1202°F) in Steam -200 °C (-328 °F)
Pressure: Maximum	Rotating – 2.5 MPa (363 psi) Valve – 45 MPa (6525 psi) Reciprocating – not applicable
Speed: Maximum	Rotating – 1 m/s (197 fpm) Valve – 2 m/s (394 fpm) Reciprocating – not applicable
pH Range	0 – 14
Standard Sizes (mm sq.)	3.0, 5.0 - 20m spools. 6.0, 6.5, 8.0, 9.5, 10.0, 11.0, 12.0, 12.5, 14.0, 14.5, 16.0, 18.0, 19.0, 22.0, 25.0 – 8m spools

Care should be taken in selecting the most suitable quality for each application. Advice is available, but final responsibility remains with the customer.

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