

Common equipment:

- Control valves.
- Shut-off valves.

Common fluids:

- Saturated steam.
- Gases.
- Condensate.
- Thermal oils.
- Hydrocarbons.
- Solvents.



Expanded graphite reinforced with Inconel®, with corrosion inhibitors.

INCO:GRAF® Z is a high-performance packing with an inter-braided construction, manufactured from 98% expanded graphite yarns with an inorganic carrier reinforced with Inconel® wire.

This hybrid combination allows it to resist most chemicals within the pH range of 0-14 (except strong oxidizers).

The included passive corrosion inhibitor additive helps contain corrosion, preventing it from reaching the equipment and thus extending its service life.

The high compressibility and flexibility of **INCO:GRAF® Z** allow it to easily conform to irregularities in the stem and stuffing box, maintaining a tight seal throughout its service life without hardening or aging.

Benefits:

- **Superior Safety:** Good anti-extrusion resistance at high pressures and temperatures.
- **Durable Seal:** With its high chemical resistance, it can withstand the most demanding fluids.
- **High Adaptability:** Fits stems with wear or slight deflection.
- **Operational Efficiency:** Does not age and significantly extends maintenance downtime.
- **Zero Corrosion:** Its passive additives prevent equipment corrosion.

This product is designed for use on valves and other static applications; do not use it on rotating shafts.

TECHNICAL DATA

Properties:	INCO:GRAF® Z Packing
Composition:	HEXA:GRAF® 98% Expanded Graphite + Corrosion Inhibitors
Temperature, Max:	1,202 °F (peak)
Temperature, Continuous:	842 °F
Temperature, Min:	-400 °F
Max. Pressure, Valves:	4,351 psi
Shaft Speed:	-- fpm
pH Range:	0-14

***The maximum temperature and pressure limits should not occur simultaneously.*

AVAILABILITY:

Availability:	INCO:GRAF® Z Packing
1/8", 5# Boxes:	114.59 ft / lbs.
3/16", 5# Boxes:	50.60 ft / lbs.
1/4", 5# Boxes:	28.28 ft / lbs.
5/16", 5# Boxes:	20.83 ft / lbs.
3/8", 5# Boxes:	13.54 ft / lbs.
7/16", 5# Boxes:	11.31 ft / lbs.
1/2", 5# Boxes:	9.97 ft / lbs.
9/16", 5# Boxes:	7.59 ft / lbs.
5/8", 11# Boxes:	6.25 ft / lbs.
3/4", 11# Boxes:	4.32 ft / lbs.
7/8", 11# Boxes:	3.42 ft / lbs.
1", 11# Boxes:	2.23 ft / lbs.
Thickness Tolerance:	±10 %
Notes:	The packaged product may have a variation of ±10%. *Other millimeter measurements and larger cross-sections are available upon request.

Trusted Sealing Solutions.