

# CHESTERTON®

ISO 9001  
CERTIFIED

## Steel Trap™ Metal/Graphite Gasket



### Complete stainless steel containment of graphite sealing media

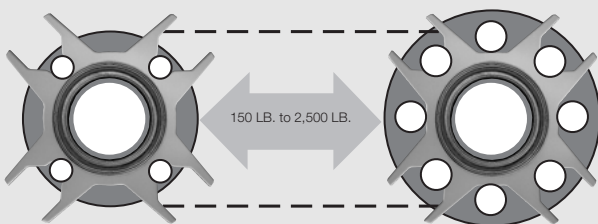
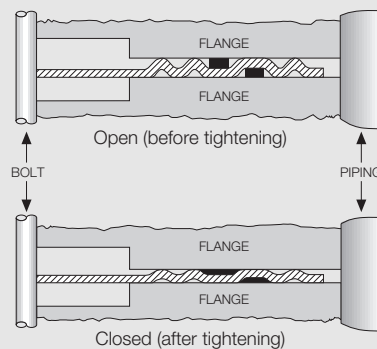
Concentric, isolated convolutions in sheet stainless steel trap pure graphite against the flange face. As the flange is closed, the convolutions are progressively flattened, thus trapping the graphite sealing media. Not only is a highly effective seal effected against both faces of the flange, but the graphite is protected against oxidizing atmospheres and corrosives.

### Get long term reliability without flange welding

CHESTERTON Steel Trap™ Gaskets can remain in place and will continue to seal effectively until removal is necessary for equipment servicing or repair. These seals pay for themselves many times over in reduced maintenance and downtime.

### One size gasket fits all flange pressure classes

The unique, self-locating design allows the same size gasket to be used in the vast majority of flange pressure classes. This results in unmatched time savings in locating the right gasket, while reducing inventory and virtually eliminating the chance of incorrect gasket selection.



Use the same size gasket for a wide range of flange pressure classes

# CHESTERTON® Steel Trap™ Metal/Graphite Gasket

- **Withstands temperature extremes:**

Atmosphere	-200°C (-328°F) to 500°C (932°F)
Steam	-200°C (-328°F) to 650°C (1200°F)
Inert media	-200°C (-328°F) to 900°C (1650°F)

- **Superior pressure handling:**

Vacuum to 415 BAR (6000 PSI)

- **Impervious to most chemicals:**

pH 0 – 14 (except strong oxidizers) Sealing Member

- **No flange galling**

- **Unlimited shelf life**

- **Works with all existing flanges:**

10 through 400 Micro Inches (µ inch) surface finish

- **Superior fugitive emissions control capability**

- **Specialty materials available as options:**

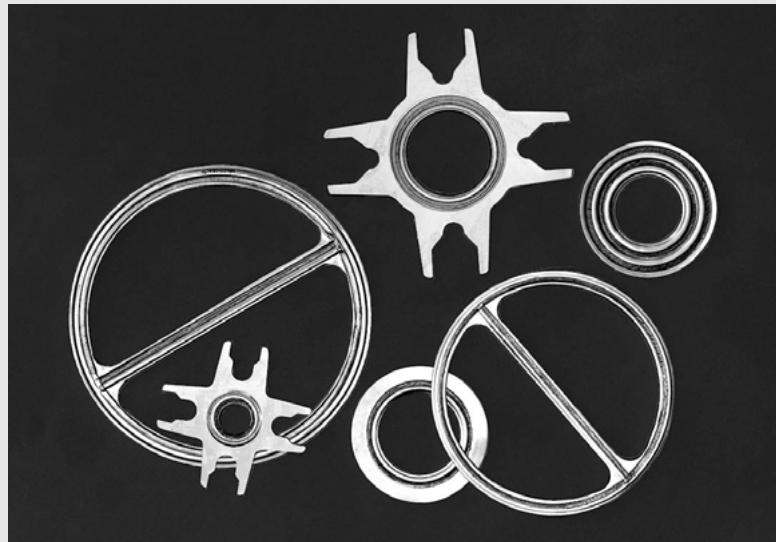
Case: Monel\*, Hastelloy\*\*, virtually any formable metal  
Sealing media: PTFE, Graphite

- **Special configurations available:**

Head gaskets, valve bonnets, heat exchangers, compressor heads, and many more.

- **ANSI, ASME, DIN and JIS sizes available**

**Replace troublesome spiral wound gaskets – no more unwinding, no more special size or pressure class requirements.**



**LIVE LOADING OPTION  
CHESTERTON 5500  
Flange Bolt Disc Springs  
automatically maintain  
uniform bolt load**

CHESTERTON Live Loading technology is the perfect complement to the long life characteristics of Steel Trap™ gaskets. Live Loading virtually eliminates retorquing. Compensates for thermal expansion and contraction. Absorbs vibrational shock. Ask your CHESTERTON Specialist for details on our 3 year emission/leakage guarantee.



Steel Trap is a trademark of the A.W.Chesterton Company. \*Registered Trademark of the Inco family of Companies. \*\*Haynes International, Inc. Registered Trademark.

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