

Thomson

CANFLEX® 900 CMGC

Corrugated Metal Gasket with Graphite Coating.



FEATURES / BENEFITS

- High compressibility.
- Good sealing characteristics at low bolt load.
- Good adaptability to rough, uneven, or even poor flange surfaces.
- Very high fault tolerance in assembly and operation.
- Very good recovery.
- Good mechanical properties at high temperature.
- Manufactured to special dimensions on request.

TYPICAL APPLICATIONS

- DIN/ASME pipes with special dimensions (i.e. full pipe or full face)
- TA-Luft
- Heat exchanger
- Fixed equipment
- Boilers
- Compensates for flange irregularities

MIN/MAX GASKET STRESS VALUES

Style	Y Value PSI	Optimal PSI	Max. PSI
Graphite Facing	5,000	10,000 to 25,000	40,000
ePTFE Facing	5,000	10,000 to 25,000	40,000

SPECIFICATIONS

All operating range information is dependent on media, materials of construction, and support systems used. Please contact A.R. Thomson for more information.

Metal Core:

- Thickness: 0.024" nominal (pipe flange); 1/32" nominal (equipment flange).
- Standard 1.4404 (316L SS)
- Higher alloy materials available upon request.

Soft Material Layer:

- Thickness: 0.020" and 0.030"
- Inhibited grade graphite: -240°C to 455°C (-400°F to 850°F)
- Super inhibited grade graphite: -240°C to 524°C (-400°F to 975°F)
- ePTFE: -268°C to 260°C (-450°F to 500°F)

Pressure:

- Rated for ASME B16.5 class 150, 300, 600 pipe flanges.
- Equipment flange gaskets are rated up to 3000 psi depending on the installation & surface pressure applied.

OTHER PRODUCTS

METALLIC GASKETS



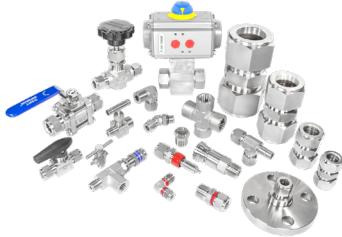
Thomson CANFLEX® spiral wound, Kammprofile, high temperature, heat exchanger and ring joint gaskets. We manufacture gaskets from all common metals, exotic alloys and filler materials in all configurations for the most extreme applications.



FASTENERS

All thread studs – ASTM 193 Grade B7, B7M, B8, B8M, B16, ASTM A320 L7, L7M; heavy hex nuts – ASTM A194 Grade 2H, 2HM, 4, L7, L7M, 8 and 8M; Through hardened washers – ASTM F-436; custom coatings; specialty fabricated and machined studs; CANFLEX® approved thread lubricant.

SUPERLOK CANADA



Instrumentation Tube, Pipe, JIC and DIN Fittings. Instrumentation Ball, Bleed, Check, Double Block and Bleed, Needle, Plug, and Purge Relief Valves. Quick Connects and Filters. Flexible Metal Hose, Tubing and Accessories.



MECHANICAL SEALS

Advanced cartridge and component seals for pumps, mixers, compressors and other rotating equipment. Seal replacements for major brands such as John Crane, Flowserve, AES and more.

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