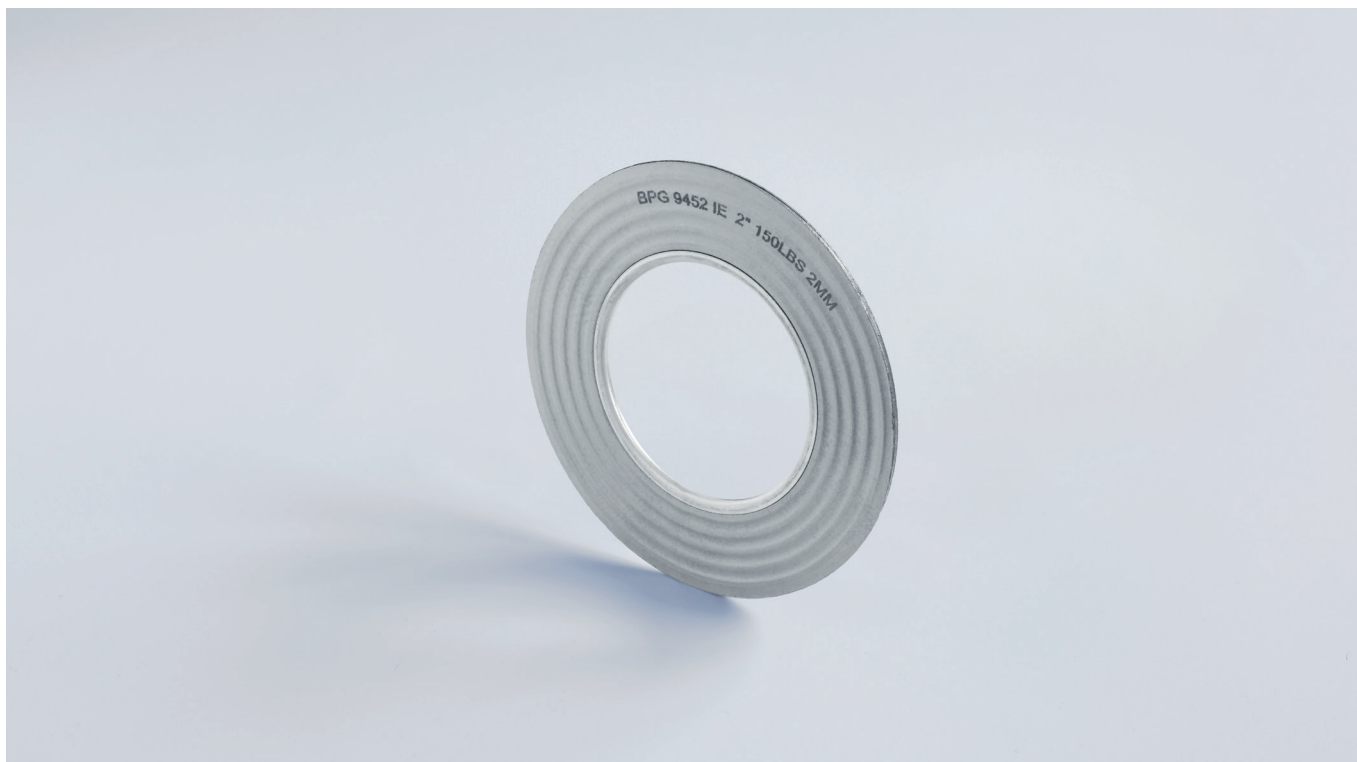


# BPG 9452 IE



## PROPERTIES

BPG 9452 IE Corrugated Metal Gaskets (CMG) is made of a corrugated stainless steel insert with integrated corrugated graphite foil layer applied on both sides and fitted with an inner eye-let for higher blow-out safety. The CMG gasket provides excellent resilience.

## APPLICATIONS

Due to its high compressibility and excellent resilience, BPG 9452 IE is suitable for thermal cycling conditions in the petrochemical, oil and gas, process, chemical and power plant industries, especially for heat exchangers, pumps, valves and compressors.

## TYPICAL PHYSICAL PROPERTIES

|                      |                                   |
|----------------------|-----------------------------------|
| Sizes*               | AME B16.21, EN1514                |
| Pressure             | Class 150 and 300 Lbs             |
| Thickness            | 2.0 – 3.0 mm                      |
| Carbon content       | 98% or 99.85%                     |
| Stainless steel core | standard 316 L, other materials** |
| Chemical resistance  | pH = 0 – 14                       |

## OPERATION PARAMETERS

|             |                                     |
|-------------|-------------------------------------|
| Temperature | –200°C ... +500°C (in steam +550°C) |
| Pressure    | 150 bar                             |

## PRODUCT SPECIFICATIONS

|                          |                                 |
|--------------------------|---------------------------------|
| Certifications/approvals | Fire Safe API 6FB (applied for) |
|--------------------------|---------------------------------|

\*other sizes on request

\*\*available on request

## BENEFITS

- excellent sealing performance, even under lower bolt loads
- improved safety during handling and installation
- no sticking to flanges
- excellent thermal and chemical stability
- does not age or become brittle
- very low fugitive emissions performance