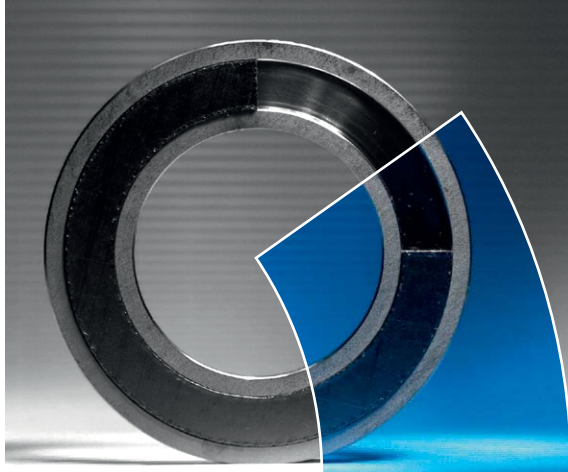


SEMI METAL GASKETS

CARRIER RINGS



Service parameters

T (°C)	-200 ÷ +950	500*
P _{max} (bar)	420	100*
Q _{max} (MPa)	500	200*

Widely used in:

The SPETOGRAPH® GUS® 600 gaskets and its variations are used as especially resistant for squeezing, blowing, vibration, preserving high forming capacity; they are adjusted both for standard flanges connections, as well as for device connections possessing special construction features. This resolves the most difficult tightness problems in industrial installations.

Custom styles:

- full face with bolt holes
- gaskets with bars and of shapes other than round
- SPETOGRAPH® GUS® 660 styles with graphite sealing element in the form of gaskets with metal eyelets, e.g. SPETOGRAPH® GUS® 660/32, GUS® 660/42, etc.
- sensors, e.g. temperature, can be fitted in SPETOGRAPH® GUS® 660

General information

Ordering:

- for SPETOGRAPH® GUS® 600 series gaskets please indicate nominal dimensions of the collar and the rabbets, e.g. SPETOGRAPH® GUS® 660 Z for the DN 300 PN 100 flanges obeying EN 1092-1, rabbet B2

Standard dimensions:

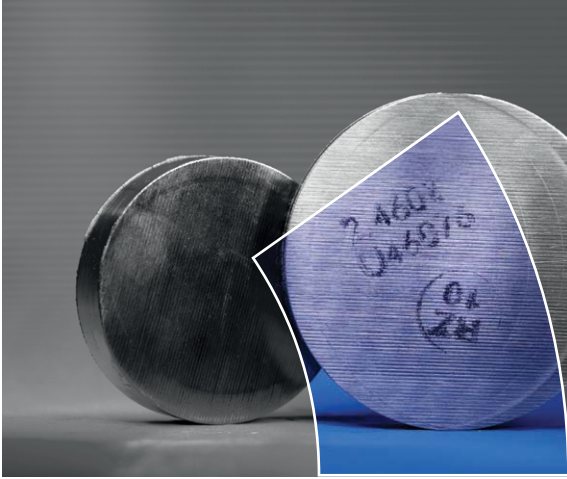
- the SPETOGRAPH® GUS® 660, GUS® 660 Z gaskets are produced according to the plant's dimension standards concerning the flanges obeying ISO 7005, ASME 16.5, ASME 16.47, EN 1092 etc.

Materials available

For wide range of materials available please look into "Common Used Materials" table.

* – please contact SPETECH if the specified values are higher

SEMI METAL GASKETS



CARRIER RINGS SPETOGRAF® SERIES 600

Designation	Sketch	Description
<p>SPETOGRAF® GUS® 660</p> <p>SPETOGRAF® GUS® 660 Z</p>		<p>SPETOGRAF® GUS® 600 gaskets are recommended for extremely difficult applications, with very high loads both static and dynamic, as well as for old, damaged flange faces or where limited bolt stress is the case. These may be flanges adjacent to pumps, compressors, gate valves etc. self-compensating pipelines, floating heads, inspection holes; application of properly selected layers eliminates necessity of reconditioning of flange faces and ensures very good elastic recovery as well as compensation of bolt relaxation; gasket is resistant to external loads, blowout and has constant axial dimension (important for machine construction); has very good tightness. Main applications of SPETOGRAF® GUS® 660 gaskets are large heat exchangers, vessels found in chemical industry sealing the floating head and vessel's bottom, valves in petrochemical industry, refineries and power plants, pipelines in power engineering installations. SPETOGRAF® GUS® 660 gaskets are individually selected for specific applications by SPETECH engineers.</p> <p>Metallic core of 660 style gasket is equipped with grooves which are filled by elastic material. Commonly this can be layers of pure elastic graphite, or layers of elastic graphite with metal insert. Sometimes also spiral wound gasket are installed in grooves.</p> <p>Special construction of carrier ring is the profile with asymmetric positioning of the grooves in the core. Such solution allows to minimize thickness of the core – what is especially useful for applications where flat gasket is a must.</p>
<p>SPETOGRAF® GUS® 670 I</p>		<p>SPETOGRAF® GUS® 670 I gaskets are applied in very narrow flange faces in tongue and groove as well as in male and female flanges; properties similar to those of SPETOGRAF® GUS® 660.</p>