

# CORRUGATED GASKETS

Spira Power corrugated gaskets are universally usable sealing elements. Due to the different possibilities of manufacturing in the form of rings, ovals, long ovals or frames, which can be with or without ribs, holes, and fixing loops, the field of application for these gaskets is expanding continuously. The gaskets can be completely or partly covered with a soft layer. Even in cases of uneven flanges a satisfactory tightness could be achieved with adequate flexible soft layers. Corrugated gaskets are used in applications where mechanical strength, thermal conductivity, temperature and corrosion resistance are requested. The field of application for these gaskets is growing.

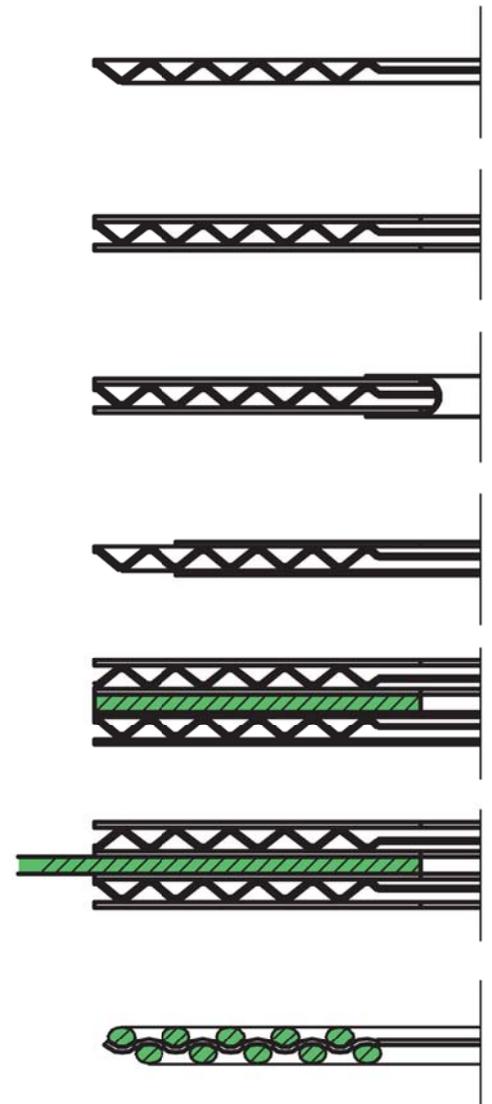


## APPLICATION

- Pipes and valves
- Chemical industry
- Vacuum applications
- Low pressure and high temperature applications

## GASKET PROFILES

At Spira Power corrugated gaskets are produced in different profiles and dimensions.



## MATERIALS

Standard materials for the core are carbon steel, SS 316L, SS 304, SS 321. Other materials are available on request. Standard thickness of the metal part is 1.3 mm while the thickness of the layer on each side is 0.8 mm, However other thickness also available on customer's request.

## STANDARD MATERIALS

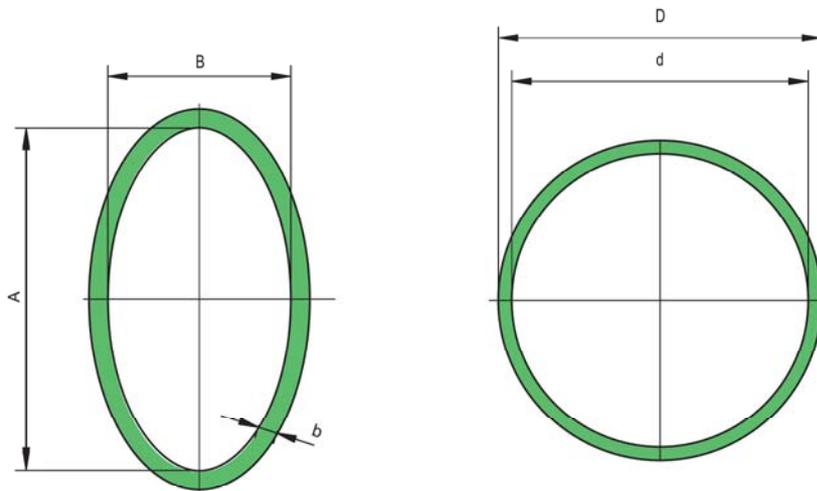
Material	ASTM	DIN 10 027-2 Material No.
Low carbon steel	Soft iron (CS)	1.0333
Stainless steel	AISI 304	1.4301
Stainless steel	AISI 316, 316 L	1.4401, 1.4404
Stainless steel	AISI 321	1.4541
Stainless steel	AISI 316 Ti	1.4571

## LAYER

Standard material of layers: expanded graphite, CSF, PTFE, mica.

## SHAPE AND DIMENSION

Shapes of corrugated gaskets can be circular, oval, rectangular, etc. Dimensions of the gaskets are available from 50 mm to 4000 mm according EN or ASME standard or in non-standard dimensions, according to customer 's request.



Type: A x B x b (oval)

## GASKET ORDERING EXAMPLE

Standard dimension  
Corrugated gasket NT 1A  
EN 1514-4 DN 100, PN 40  
Material : AISI 316/Graphite

Non-standard dimension  
Corrugated gasket NT 1A  
D = 730 mm, d = 700 mm, s = 3,5 mm  
Material : AISI 316/Graphite