



GAMPROFILE Kammprofile gaskets

Kammprofile gaskets with gasket sheet insert. This type of sealing is made of a metal core with concentric grooves plated with a gasket sheet. Suitable for application in various types of flanges (DIN, ASTM, EN, etc.). They feature a very wide range of application in terms of temperature and pressure of a sealed medium. Very resistant to blowout, less susceptible to damages caused by assembly mistakes. Gaskets do not damage flange surfaces and are easily dismantled.

Working conditions (parameters)

Depending on a type of a sealing plate:

Temperature: from -200°C to 550°C

Maximum pressure: pmax up to 25 MPa (250 bar)

Construction

We offer production of the sealing according to the EN 1514-6 and EN 12560-6 norm.

The metal core is made of 304 steel, on a customer's demand the core can be made of another steel type.

We also manufacture non-standard dimensions of a seal, according to a customer's specification.

All dimensions are manufactured according to the 14th class of accuracy in consistency with PN/EN ISO 286-2 PN/EN 22768-1.

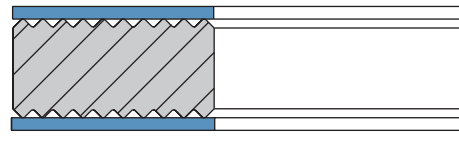
Dimensions

We offer manufacturing standard gaskets according to the following standards:

EN 1514-6

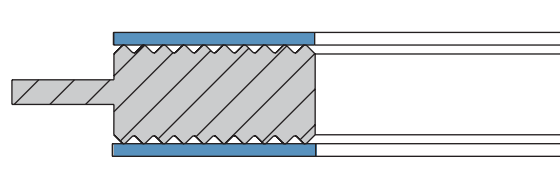
EN 12560-6

TYPES OF CONSTRUCTION



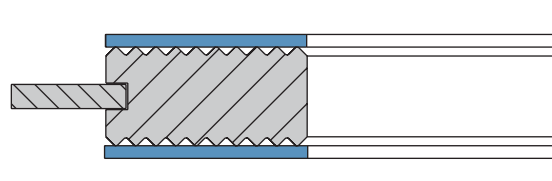
GAMPROFILE

A Kammprofile without a centring ring. Applied on flanges with flat pads as well as in lip/groove and tongue/groove ones. The plate can be made of expanded graphite, PTFE, or a standard gasket sheet.



GAMPROFILE O

A Kammprofile with a static centring ring. Parameters depend on a type of a sealing plate. The plate can be made of expanded graphite, PTFE, or a standard gasket sheet. Its advantage is an accurate positioning connected flanges.



GAMPROFILE OP

A kammprofile with a dynamic centring ring. The plate can be made of expanded graphite, PTFE, or a standard gasket sheet. Its advantage is an accurate positioning of a seal between the connected flanges and dismantling the centring ring when necessary.

Calculating coefficients

Gasket type GAMPROFILE	ASME s. VIII		AD-2000 Merkblatt		DT-UC-90/WO-O/19						
	y MPa	m -	k ₁ , k ₂ N/mm	k ₁ mm	σ _m MPa	σ _c MPa	Value of the "b" coefficient of gaskets in temperature				
							20°C	100°C	200°C	300°C	400°C
with graphite	16,2	3,5	15 b ₀	1,1 b ₀	15,5	7,0 p ₀	1,1	1,1	1,1	1,1	1,1
with PTFE	18,8	3,5	15 b ₀	1,1 b ₀	20,2	7,0 p ₀	1,1	1,2	1,6	-	-

All information provided in this catalog based on many years of experience in the production and usage of these products. Due to the fact that the work of the seal in the flange connection is influenced by many factors resulting from the assembly method, operating parameters of the installation and the sealed medium, the parameters are indicative and do not give grounds for claims, and the specific use of products requires contact with the manufacturer.