



## GAMFLEX metal jacket gaskets

Flat gaskets cut from soft sealing material, enveloped with a metal jacket.

It is a combination of elasticity of a filler with chemical and mechanical resistance of metal jacket. Depending on requirements, high-temperature ceramic millboard or graphite gasket sheets can be used as the inner sealing material. The metal surface is made of acid-resistant S316L steel.

A copper surface is also possible.

GAMFLEX gaskets can be used in mounting and assembling systems, devices and machines in transport, power engineering, chemical industry and petrochemical industry. They are dedicated especially for areas where rapid changes of medium pressure occur.

### Working conditions (parameters)

**Temperature:** from -200 to 600°C

**Pressure:** up to 12 MPa (120 bar)

### Construction

Gaskets are manufactured according to standards:

EN 1514-4

EN 12560-4

DIN 7603

GAMFLEX gaskets are made in two standard versions:

#### GAMFLEX Cu-BA

- elastic filler of heat-insulating millboard covered with copper sheet

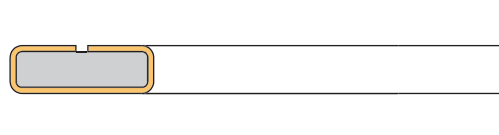
#### GAMFLEX SG

- elastic filler of expanded graphite covered with stainless steel 316L

### Dimensions

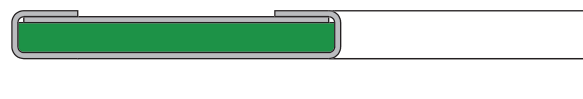
Please contact us to specify exact dimensions.

### TYPES OF CONSTRUCTION



#### GAMFLEX A

Shell of gasket is made from one metal piece. On the forefront surface of the gasket an opening appears, however it does not bring the filler into contact with the sealed medium. Despite metal surrounding soft gasket material, the construction does not require high compressive stress. It is usually used for gaskets up to 8 mm wide.



#### GAMFLEX B

Shell of gasket is made from two metal parts according to a drawing. Such a construction allows for manufacturing gaskets wider than 8 mm and big diameter gaskets or non-standard shapes.

Marking/material			ASME s. VIII		AD-2000 Merkblatt		DT-UC-90/WO-O/19						
			EN 13445-3/ EN 13480-3										
			y MPa	m	k <sub>o</sub> k <sub>b</sub> N/mm	k <sub>1</sub> mm	σ <sub>m</sub> MPa	σ <sub>r</sub> MPa	Value of the "b" coefficient of gaskets in temperatures				
									20°C	100°C	200°C	300°C	400°C
GAMFLEX	depending on a filler	SS316L	57	3,3	85 b <sub>0</sub>	1,6 b <sub>0</sub>	63,5	7,5 p <sub>0</sub>	1	1	1	1	1
		Copper	42	2,8	55,0 b <sub>0</sub>	1,6 b <sub>0</sub>	46,0	7 p <sub>0</sub>	1	1	1	1,2	1,4

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.