

Material of filler

AZMES SWG manhole gaskets

The AZMES gasket is made of a spiral wound profiled steel tape, interlayered with an elastic sealing material. AZMES spiral wound gaskets are used to seal cleaning manholes of boilers and fittings. Thanks to its construction and materials, its properties are superior to cut gaskets as well as metal gaskets. Due to many layers of the profiled tape, it is able to transfer high pressures which allows for applying a considerably narrower seal in comparison to gaskets made from gasket sheets.

Working conditions (parameters)

Pressure: for manhole sealing 5,9 MPa Temperature: max. 600°C

Construction

Made from profiled SS316L steel with an interlayer. The interlayer is chosen depending on working temperature and required resistance to media. The gaskets are made in accordance to customers' demand.

Types of construction

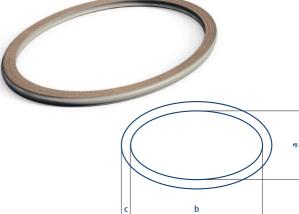
Gasket in standard version have eliptic shape. AZMES are applied to connections with all types of surface in manhole systems.

Gambit AF-300*	300°C	Water, steam, solutions of salt, weak acids and bases All media except for strong oxidants				
Expanded graphite	450°C steam 600°C					
PTFE	280°C	All media except for smelted alkali metals and fluorine				
ł	if agreed, another filler	material can be applied				

Available fillers

Media resistance

Max. working temperature °C



	tolerance [mm]	himmi	tolerance	c* [mm]	tolerance [mm]		thickness		tolerance
a [mm]			[mm]				s [mm]	s [mm]	[mm]
100	+0,5	150	+0,5	6 ÷ 20	to 12	-0,5	4,5	6,0	+0,3
100		160		6 ÷ 20	12 ÷ 15	-0,7	4,5	6,0	+0,3
110		160		6 ÷ 20	15 ÷ 20	-1,0	4,5	6,0	+0,3
200	+0,7	300	+0,7	15 ÷ 30	to 15	-0,7	4,5	6,0	+0,3
210		310		15 ÷ 30	15 ÷ 20	-1,0	4,5	6,0	+0,3
218		318		15 ÷ 30	20 ÷ 25	-1,2	4,5	6,0	+0,3
220		320		15 ÷ 30	25 ÷ 30	-1,5	4,5	6,0	+0,3
290	+1,0	390	+1,0	15 ÷ 40			4,5	6,0	+0,3
300		400		15 ÷ 40	to 20	-1,2	4,5	6,0	+0,3
303		403		15 ÷ 40	20 ÷ 25	-1,5	4,5	6,0	+0,3
305		405		15 ÷ 40	25 ÷ 30	-1,8	4,5	6,0	+0,3
310		410		15 ÷ 40	30 ÷ 35	-2,0	4,5	6,0	+0,3
319		419		15 ÷ 40	35 ÷ 40	-2,4	4,5	6,0	+0,3
380		480		15 ÷ 40			4,5	6,0	+0,3

Dimensions: standard dimensions of AZMES gaskets (eliptic)

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.

GASKETS