



AZMES SWG manhole gaskets

The AZMES gasket is constructed of alternating plies of preformed steel tape and non-metallic soft material. AZMES spiral wound gaskets are used to seal manholes of power boilers and fittings. This construction and these materials are superior to cut gaskets as well as metal gaskets. Steel and soft filler windings guarantee better mechanical strength than the cut gasket, allowing them to be used at higher pressures.

Working conditions (parameters):

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

Standard materials:

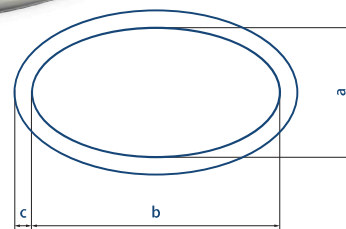
- Steel tape: SS 316L
- Soft filler: AF-300®; expanded graphite; PTFE

Types of construction:

Gaskets in the standard version have an elliptical shape.

Available fillers		
Material of filler	Max. working temperature °C	Media resistance
Gambit AF-300*	300°C	Water, steam, solutions of salt, weak acids and bases
Expanded graphite	450°C steam 600°C	All media except for strong oxidants
PTFE	280°C	All media except for smelted alkali metals and fluorine

* if agreed, another filler material can be applied



Dimensions:

a [mm]	tolerance [mm]	b [mm]	tolerance [mm]	c* [mm]	tolerance [mm]		thickness		tolerance [mm]
							s [mm]	s [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