

The sealing inserts is made of corrugated stainless steel, soft non-asbestos material, or rubber and different combinations. This insert is coated with PTFE and open on one side, usually on the outside. Thanks to the high chemical stability, good mechanical properties and permanent resistance in the atmosphere (humidity, gasses, temperature changes) they are suitable for all types of gaskets and different media, mostly for aggressive chemicals.



## ADVANTAGES

Benefits from the high stability of C-F bond virgin PTFE, which is used for the envelope and exhibits extraordinary chemical resistance. Combinations of two or more insert materials allow a large number of different applications.

## SHAPE AND CONSTRUCTION

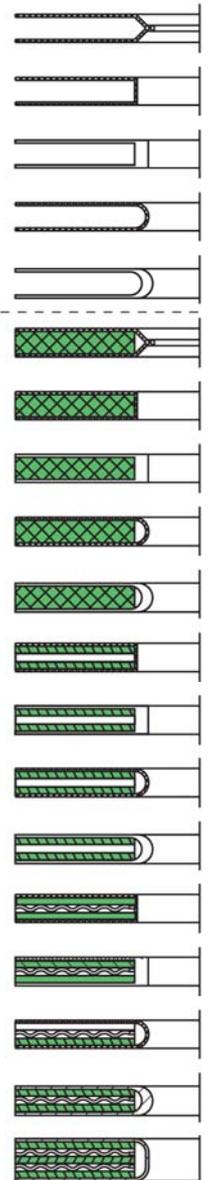
The PTFE enveloped gaskets are produced in several types to meet the most demanding applications. Standard shapes are round or oval. Enveloped material: Virgin PTFE, Base materials: Stainless steel, non-asbestos material, rubber.

## SIZE

The PTFE envelope for gaskets with maximum external diameter of up to 500 mm are made in one piece, for gaskets with greater diameters they are welded. Oval shapes of PTFE envelopes are welded. There are no limitations regarding sizes for gaskets with welded envelopes.

### EN 1514-3 gaskets

DN (mm)	Gasket inside diameter (mm)	Envelope outside diameter (mm)	Gasket outside diameter (mm)						
			PN Class						
			PN6	PN 10	PN 16	PN25	PN40	PN63	
10	18	36	39	46	46	46	46	56	
15	22	40	44	51	51	51	51	61	
20	17	50	54	61	61	61	61	72	
25	34	60	64	71	71	71	71	82	
32	43	70	76	82	82	82	82	88	
40	49	80	86	92	92	92	92	103	
50	61	92	96	107	107	107	107	113	
65	77	110	116	127	127	127	127	138	
80	89	126	132	142	142	142	142	148	
100	115	151	152	162	162	168	168	174	
125	141	178	182	192	192	194	194	210	
150	169	206	207	218	218	224	224	247	
200	220	260	262	273	273	284	290	309	
250	273	314	317	328	329	340	352	364	
300	324	365	373	378	384	400	417	424	
350	356	412	423	438	444	457	474	486	
400	407	469	473	489	495	514	546	543	
450	458	528	528	539	555	564	571		
500	508	578	578	594	617	624	628		
600	610	679	679	695	734	731	747		



(and combinations)

## GASKET ORDERING EXAMPLE

EN 1514-3, Type C, DN 65, PN 16, 2 mm, virgin PTFE