



Low Torque AV Gaskets

Standard Features (Sizes 1/2" - 12")

- PTFE or PVDF-bonded EPDM for maximum corrosion resistance
- Perfect sealing at low bolt tightening torque ratings, longer gasket life
- Ideal for plastic piping systems, as well as metal or plastic-lined metal systems
- Sulfur cured

• Durometer:

- 1) EPDM: 65 - 70
- 2) PTFE-bonded: 95 - 100
- 3) PVDF-bonded: 83 - 85

• Working temperature:

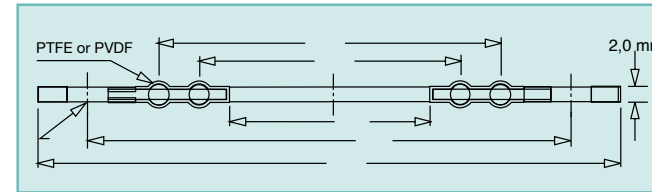
- 1) EPDM: - 40° - 90° C
- 2) PTFE-bonded: - 40° - 120° C
- 3) PVDF-bonded: - 40° - 120° C

- Approximately a one-third bolt tightening torque rating as compared with flat or envelope type gasket.
- Thickness of bonded materials
PTFE: All Sizes: 0.4 mm
PVDF: Sizes 1/2" - 2": 0.4 mm
PVDF: Sizes 3" - 10": 0.5 mm
- PTFE-bonded gasket excellent for most corrosive chemicals
- PVDF-bonded gasket is ideal for the following:
 - 1) Semiconductor industry, because of its purity
 - 2) Aggressive chemicals (strong acids, bases, halogens, etc.)

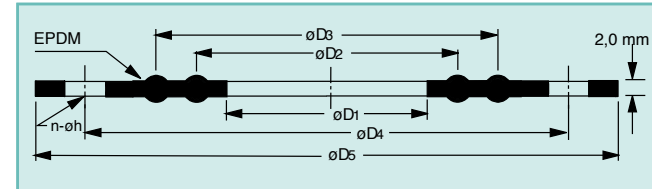
Sample Specification

All AV gaskets shall be of low torque, full face to ANSI B16.5, dimensions and shall have two concentric, convex, molded rings between center hole and bolt hole circle in EPDM, PTFE-bonded EPDM or PVDF-bonded EPDM, DIN2501 PN10, DIN2502 PN16, ASME 150# and JIS 10K dimensions.

PTFE or PVDF-Bonded Gasket



EPDM Gasket



Dimensions (FULL FACE According to DIN)

INCH	DN	DIN	ID	OD	B.C.D	No. of holes	Dia. Of holes
1/2"	15	PN10	22	95	65	4	14
3/4"	20	PN10	27	105	75	4	14
1"	25	PN10	34	115	85	4	14
1-1/4"	32	PN10	43	140	100	4	18
1-1/2"	40	PN10	49	150	110	4	18
2"	50	PN10	61	165	125	4	18
2-1/2"	65	PN10	77	185	145	4	18
3"	80	PN10	89	200	160	8	18
4"	100	PN10	115	220	180	8	18
5"	125	PN10	141	250	210	8	18
6"	150	PN10	169	285	240	8	22
8"	200	PN10	220	340	295	8	22
10"	250	PN10	273	395	350	12	22
12"	300	PN10	325	445	400	12	22
14"	350	PN10	377	505	460	16	22
16"	400	PN10	426	565	515	16	26
18"	450	PN10	480	615	565	20	26
20"	500	PN10	530	670	620	20	26
24"	600	PN10	630	780	725	20	30

Dimensions (FULL FACE ASME B16.21)

INCH	DN	ASME B16.21	ID	OD	B.C.D	No. of holes	Dia. of holes
1/2"	15	150#	21	89	60	4	16
3/4"	20	150#	27	98	70	4	16
1"	25	150#	33	108	79	4	16
1-1/2"	40	150#	48	127	98	4	16
2"	50	150#	60	152	121	4	19
2-1/2"	65	150#	73	178	140	4	19
3"	80	150#	89	191	152	4	19
4"	100	150#	114	229	191	8	19
5"	125	150#	141	254	216	8	22
6"	150	150#	168	279	241	8	22
8"	200	150#	219	343	298	8	22
10"	250	150#	273	406	362	12	25
12"	300	150#	324	483	432	12	25
14"	350	150#	356	533	476	12	29
16"	400	150#	406	597	540	16	29
18"	450	150#	457	635	578	16	32
20"	500	150#	508	699	635	20	32
24"	600	150#	610	813	749	20	35

Warranty exclusion

In view of the variety of different installation and operation conditions as well as application and process engineering options, the information given in this datasheet can only provide approximate guidance and cannot be used as basis for warranty claim.