

Data Sheet

Clamp Seals and Gaskets

Our range of seals and gaskets is constantly being updated to cater for advances made in seal technology. As more materials are approved and added to the list of FDA, U.S.D.A. ASME BPE and US Pharmacopoeia Class VI standards, there is the need to constantly update the portfolio. The standard range of elastomer materials offered includes EPDM, Silicone, Nitrile (BUNA-A®), PEEK and FKM/Viton®.

Fluoro-polymers such as PTFE solid and PTFE encapsulated seals are also available.



Elastomer Seals:

The elastomer compounds used to manufacture Clamp seals in EPDM, Silicone and FKM/Viton® are in compliance with the Food and Drug Association (FDA) Code of Federation Regulations for rubber and rubber-like materials. This is stipulated under "Title 21, paragraph 177.2600" and also meets the criteria of the Class I materials classification of the 3-A Sanitary Standards U.S.D.A. and standard 51 of the N.S.F.

We also confirm that no Phthalate Esters are contained in any plasticization agent used during the manufacturing process.

PTFE Seals

Our Fluoro-polymer Seals are produced from Virgin PTFE and conform to F.D.A Code of Federal Regulations for Teflon® and Fluorocarbon resin materials under "Title 21, paragraph 177.1550 for use in contact with foodstuffs". They also meet the criteria Class 1 material classification of the 3-A Sanitary Standards.

PTFE seal fillers such as EPDM and FKM Viton® are produced from compounds which conform to F.D.A Coe of Federal Regulations for rubber and rubber like materials under "Title 21, paragraph 177.2600". They also meet the criteria Class 1 material certification of the 3-A Sanitary Standards U.S.D.A and Standard 51 of N.S.F.

Materials: EPDM, FKM (Viton®), PTFE, Nitrile, PEEK® and Platinum Cured Silicone.

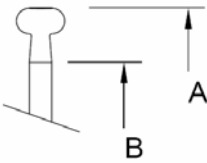
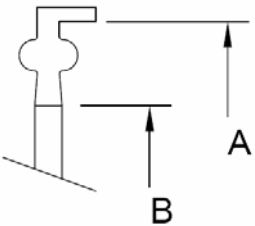
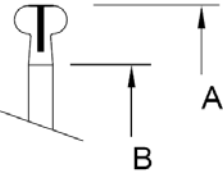
Standards: FDA, USDA, USP Pharmacopoeia Class VI, ASME-BPE and TSE Animal Derivative Free

Related products:

- Screen Gaskets
- Solid Disc Gaskets
- Orifice Plates Gaskets
- Clamp Seals
- Clamp Seal Blanks
- Cone Filters
- Sock Gaskets

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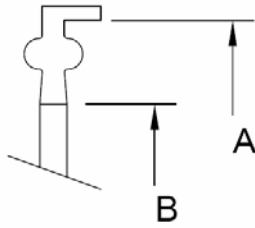
Data Sheet

Mini Clamp Seals – Imperial (Silicone)						
	Size	A	B	C	D	Part No
	1/2"	22	10.6			302J-S013
	3/4"	22	15.9			302J-S019
Materials: 1. 302J-E - EPDM 2. 302J-S - Silicone 3. 302J-V - Viton® 4. 302J-N - Nitrile 5. 302J-T - PTFE Solid						
Mini Clamp Seals – Metric (DIN 32676) (EPDM)						
	Size	A	B	C	D	Part No
	DN 10	34	10.2			302A-E010
	DN 15	34	16.2			302A-E015
	DN 20	34	20.2			302A-E020
Materials: 1. 302A-E - EPDM 2. 302A-S - Silicone 3. 302A-V - Viton® 4. 302A-N - Nitrile 5. 302A-T - PTFE Solid						
Mini Clamp Seals – PTFE/ EPDM Envelope						
	Size	A	B	C	D	Part No
	1/2"	22	9.5			302K-Q013
	3/4"	22	15.9			302K-Q019
Materials: 1. 302K-P - PTFE with EPDM Insert 2. 302K-Q - PTFE with Viton® Insert						

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Data Sheet

Clamp Seals Type A (Flanged) BS (Viton®)



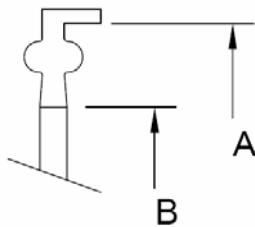
Size	A	B	C	D	Part No
1"	50.5	22.8			302A-V026
1½"	50.5	35.5			302A-V038
2"	64.0	48.2			302A-V051
2½"	77.5	60.5			302A-V064
3"	91.0	73.2			302A-V076
3½"	106.0	84.7			302A-V089
4"	119.0	97.8			302A-V102
4½"	130.0	110.5			302A-V114
5"	144.4	123.2			302A-V127
5½"	155.0	135.9			302A-V141
6"	167.0	147.0			302A-V147
6"	167.0	150.2			302A-V154
6⅝"	183.0	163.3			302A-V168
8"	217.4	200.2			302A-V204
8⅝"	233.5	214.1			302A-V219
10"	268.0	250.2			302A-V254
10⅝"	286.0	266.5			302A-V273
12"	319.0	301.0			302A-V304
12¾"	338.0	315.9			302A-V324

Materials:

1. 302A-E - EPDM
2. 302A-S - Silicone
3. 302A-V - Viton®
4. 302A-N - Nitrile (Buna)
6. 302A-T - PTFE Solid
7. 302A-Q - PTFE Envelope with Viton insert

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Clamp Seals Type A (Flanged) Metric & DIN32676 –(EPDM)



Size	A	B	C	D	Part No
DN10	34.0	10.0			302A-E010
DN15	34.0	16.0			302A-E015
DN20	34.0	20.0			302A-E020
DN25	50.5	26.0			302A-E025
DN32	50.5	32.0			302A-E032
DN40	50.5	38.0			302A-E040
DN50	64.0	50.0			302A-E050
DN65	71.0	66.0			302A-E065
DN80	106.0	81.0			302A-E080
DN100	119.0	100.0			302A-E100
DN125	155.0	125.0			302A-E129
DN150	167.0	150.0			302A-E154
DN200	217.4	200.0			302A-E204
DN250	268.0	250.0			302A-E254
DN300	319.0	301.0			302A-E304

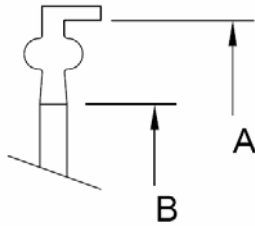
Materials:

1. 302A-E - EPDM
2. 302A-S - Silicone
3. 302A-V - Viton®
4. 302A-N - Nitrile
5. 302A-T - PTFE Solid
6. 302A-Q - PTFE Envelope with Viton insert

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Data Sheet

Clamp Seals, Flanged Type A– BS Schedule 5 (EPDM)



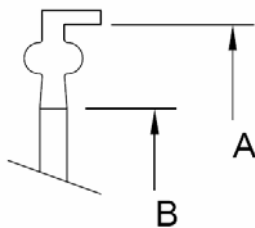
Size	A	B	C	D	Part No
1/2"	50.5	18.5			302A-E021
3/4"	50.5	23.8			302A-E027
1"	50.5	30.5			302A-E033
1 1/2"	64.0	45.3			302A-E045
2"	77.5	57.4			302A-E057
2 1/2"	91.0	69.0			302A-E069
3"	106.0	84.8			302A-E085
3 1/2"	119.0	97.6			302A-E098
4"	130.0	110.3			302A-E110
5"	155.0	136.0			302A-E136
6"	183.0	163.0			302A-E163
8"	233.5	213.8			302A-E214
10"	286.1	266.5			302A-E267
12"	338.5	315.7			302A-E316

Materials:

1. 302A-E - EPDM
2. 302A-S - Silicone
3. 302A-V - Viton®
4. 302A-N - Nitrile
5. 302A-T - PTFE Solid
6. 302A-Q - PTFE Envelope with Viton insert

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Clamp Seals – ISO 2852/ISO 2037 (EPDM)



Size	A	B	C	D	Part No
1"	50.5	22.6			302A
1 1/2"	50.5	35.8			302A
2"	64.0	48.8			302A
2 1/2"	77.5	60.5			302A
3"	91.0	73.1			302A
3 1/2"	106.0	85.1			302A
4"	119.0	97.8			302A
4 1/2"	130.0	110.5			302A
5 1/2"	155.0	135.9			302A
6 5/8"	183.0	163.3			302A
8 5/8"	233.5	214.1			302A

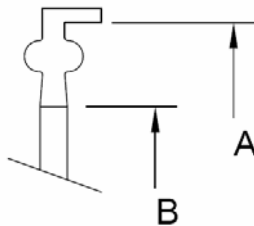
Materials:

1. 302A-E - EPDM
2. 302A-S - Silicone
3. 302A-V - Viton®
4. 302A-N - Nitrile
5. 302A-T - PTFE Solid
6. 302A-Q - PTFE Envelope with Viton Insert

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Clamp Seals – ISO 1127 Type A Flanged (EPDM)



Size (DN)	A	B	C	D	Part No
8	22.0**	10.3			302A-E
8	34.0	10.3			302A-E
8	50.5	10.3			302A-E
10	22.0**	14.0			302A-E
10	34.0	14.0			302A-E
10	50.5	14.0			302A-E
15	34.0	18.1			302A-E
15	50.5	18.1			302A-E
20	50.5	22.9			302A-E
20	50.5	23.7			302A-E
25	50.5	29.7			302A-E
25	50.5	30.5			302A-E
25	50.5	31.3			302A-E
32	64.0	38.4			302A-E
40	64.0	44.3			302A-E
50	77.5	56.3			302A-E
65	91.0	72.1			302A-E
65	91.0	72.9			302A-E
80	106.0	84.9			302A-E
100	130.0	110.3			302A-E
125	155.0	135.7			302A-E
150	183.0	163.1			302A-E
200	233.5	213.9			302A-E
250	286.1	267.8			302A-E
300	338.5	318.7			302A-E

Materials:

1. 302A-E - EPDM
2. 302A-S - Silicone
3. 302A-V - Viton®
4. 302A-N - Nitrile
5. 302A-T - PTFE Solid
6. 302A-Q - PTFE Envelope with Viton® Insert

Notes:

** Mini Clamp Ferrules 25mm OD

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