



Flange Comparison Tables



Backing Rings for PE Pipe



Email: sales@industrialgaskets.com.au

Website: www.industrialgaskets.com.au





Galvanised Steel - #150

(In accordance with ASME B16.5)

PE Moulded & Fabricated Fittings - Backing Rings

Size		Flange Dimensions		Bolt Data		
Nominal Diameter Imperial	Nominal Diameter DN (mm)	O/Side Dia. Full Face	Inside Dia.	Bolt Circle Dia.	No. of Bolts	Hole Size
1/2"	20mm	90	32	60.5	4	16
3/4"	25mm	98	37	70	4	16
1"	32mm	108	44	79.5	4	16
1-1/4"	40mm	117	52	89	4	16
1-1/2"	50mm	127	62	98.5	4	16
2"	63mm	152	78	120.5	4	20
2-1/2"	75mm	178	92	139.5	4	20
3"	90mm	191	108	152	4	20
4"	110mm	229	128	190.5	8	20
5"	125mm	254	140	216	8	23
5"	140mm	254	158	216	8	23
6"	160mm	279	178	241	8	23
6"	180mm	279	195	241	8	23
8"	200mm	343	235	298.5	8	23
8"	225mm	343	240	298.5	8	23
10"	250mm	406	290	362	12	26
10"	280mm	406	300	362	12	26
12"	315mm	483	345	432	12	26
14"	355mm	535	376	476	12	29
16"	400mm	600	430	540	16	29
18"	450mm	635	480	578	16	32
20"	500mm	700	533	635	20	32
22"	560mm	750	590	692	20	35
24"	630mm	813	660	749	20	35

Notes:

There may be rounding or conversion deviations, but these should not exceed ± 1.5 mm. If the deviation exceeds this tolerance it will be marked with a letter and an explanation given in the footnote.

The information in this publication should not be relied upon as a substitute for detailed advice or as a basis for making a decision. Whilst every care has been taken in the compilation of these tables, no guarantee is given, nor liability accepted for their accuracy.

For precise data, refer to relevant Standard.

This flange information does not necessarily apply to valves and other pipeline equipment which are often designed and manufactured to accommodate multiple flange standards. Consult relevant Manufacturer's data for information on its products.





Galvanised Steel - Table E

(In accordance with AS2129)

PE Moulded & Fabricated Fittings - Backing Rings

Size		Flange Dimensions		Bolt Data		
Nominal Diameter Imperial	Nominal Diameter DN (mm)	O/Side Dia. Full Face	Inside Dia.	Bolt Circle Dia.	No. of Bolts	Hole Size
1/2"	20mm	95	32	67	4	14
3/4"	25mm	100	37	73	4	14
1"	32mm	115	44	83	4	14
1-1/4"	40mm	120	52	87	4	14
1-1/2"	50mm	135	62	98	4	14
2"	63mm	150	78	114	4	18
2-1/2"	75mm	165	92	127	4	18
3"	90mm	185	108	146	4	18
4"	110mm	215	128	178	8	18
5"	125mm	255	140	210	8	18
5"	140mm	255	158	210	8	18
6"	160mm	280	178	235	8	22
6"	180mm	280	195	235	8	22
8"	200mm	335	235	292	8	22
8"	225mm	335	240	292	8	22
10"	250mm	405	290	356	12	22
10"	280mm	405	300	356	12	22
12"	315mm	455	345	406	12	26
14"	355mm	525	376	470	12	26
16"	400mm	580	430	521	12	26
18"	450mm	640	480	584	16	26
20"	500mm	705	533	641	16	26
22"	560mm	760	590	699	16	30
24"	630mm	825	660	756	16	33
28"	710mm	910	745	845	20	33
32"	800mm	1060	835	984	20	36
36"	900mm	1175	950	1092	24	36
40"	1000mm	1255	1035	1175	24	39
48"	1200mm	1490	1240	1410	32	39

There may be rounding or conversion deviations, but these should not exceed $\pm 1.5\text{mm}$. If the deviation exceeds this tolerance it will be marked with a letter and an explanation given in the footnote.

The information in this publication should not be relied upon as a substitute for detailed advice or as a basis for making a decision. Whilst every care has been taken in the compilation of these tables, no guarantee is given, nor liability accepted for their accuracy.

For precise data, refer to relevant Standard.

This flange information does not necessarily apply to valves and other pipeline equipment which are often designed and manufactured to accommodate multiple flange standards. Consult relevant Manufacturer's data for information on its products.





Galvanised Steel - Table D

(In accordance with AS2129)

PE Moulded & Fabricated Fittings - Backing Rings

Size		Flange Dimensions		Bolt Data		
Nominal Diameter Imperial	Nominal Diameter DN (mm)	O/Side Dia. Full Face	Inside Dia.	Bolt Circle Dia.	No. of Bolts	Hole Size
1/2"	20mm	95	32	67	4	14
3/4"	25mm	100	37	73	4	14
1"	32mm	115	44	83	4	14
1-1/4"	40mm	120	52	87	4	14
1-1/2"	50mm	135	62	98	4	14
2"	63mm	150	78	114	4	18
2-1/2"	75mm	165	92	127	4	18
3"	90mm	185	108	146	4	18
4"	110mm	215	128	178	4	18
4"	125mm	215	140	178	4	18
5"	125mm	255	140	210	8	18
5"	140mm	255	158	210	8	18
6"	160mm	280	178	235	8	18
6"	180mm	280	195	235	8	18
8"	200mm	335	235	292	8	18
8"	225mm	335	240	292	8	18
10"	250mm	405	290	356	8	22
10"	280mm	405	300	356	8	22
12"	315mm	455	345	406	12	22
14"	355mm	525	376	470	12	26
16"	400mm	580	430	521	12	26
18"	450mm	640	480	584	12	26
20"	500mm	705	533	641	16	26
22"	560mm	760	590	699	16	30
24"	630mm	825	660	756	16	30
28"	710mm	910	745	845	20	30
36"	900mm	1175	950	1092	24	36
32"	800mm	1060	835	984	20	36
36"	900mm	1175	950	1092	24	36
40"	1000mm	1255	1035	1175	24	36
48"	1200mm	1490	1240	1410	32	36

Notes:

There may be rounding or conversion deviations, but these should not exceed ± 1.5 mm. If the deviation exceeds this tolerance it will be marked with a letter and an explanation given in the footnote.

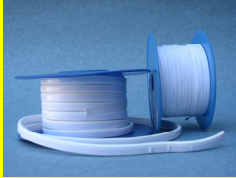
The information in this publication should not be relied upon as a substitute for detailed advice or as a basis for making a decision. Whilst every care has been taken in the compilation of these tables, no guarantee is given, nor liability accepted for their accuracy.

For precise data, refer to relevant Standard.

This flange information does not necessarily apply to valves and other pipeline equipment which are often designed and manufactured to accommodate multiple flange standards. Consult relevant Manufacturer's data for information on its products.



**Industrial Gaskets have been supplying High Quality Sealing products to an extensive range of industries Australia wide & Internationally for over 30 years.
Australian owned and Operated**



- **Cut Gaskets /Components- any Flange Standard, Size**
- **Spiral Wound Gaskets, Heat Exchanger and Camprofile**
- **Premium Grade Elastomers- including EPDM, Neoprene, Viton, Natural, Nitrile, Insertion, Hypalon, FDA approved, Butyl, Skirting, Linatrilite**
- **Gasket sheet – Compressed Fibre, PTFE, Chemical, High Temp & Pressure**
- **Potable Water certified AS4020:2018 Compressed Fibre & EPDM Rubber**
- **Fibreglass Products (Tape, Rope, Lagging)**
- **Ceramic Products (Tape, Rope, Blanket & Board)**
- **Gland & Valve Pump Packing**
- **Flange Insulation Kits (Mylar, G11, G10 Glass Epoxy)**
- **Isolating Sleeves, Washers & Bolt Insulators - “Top Hats”**
- **Rubber & Metallic Expansion Joints / Flexible Bellows**
- **Expanded & Virgin PTFE Cord, Tape, Sheet and cut components**
- **Graphite Products, Sheet, Packings, Cut Gaskets & Tapes**
- **Doniflon® & Gylon® Modified PTFE gasket sheet or gaskets**
- **RTJ's (Ring Type Joint Gaskets) - extensive stocks**
- **Rubber Strip and Linings**
- **Couplings & Pipe Repair Clamps**
- **Distributor of Chemtools® range of Products**
- **Australian distributor of Integra® range of critical and Firesafe Flange Kits**
- **Australian Distributor of Donit Tesnit Europe range of Gasket materials**
- **Critical Service, Firesafe Flange Isolation Kit & Kleerband Flange Protector**
- **Engineered & High Performance Plastics**



**Industrial Gaskets CNC Digital Knife Cutting machines provide the latest technology in the clean manufacture of gaskets and seals.
Your drawing or ours, any design or custom shape.**



Industrial Gaskets

Email: sales@industrialgaskets.com.au
Website: www.industrialgaskets.com.au

Phone: (08) 8276 4140