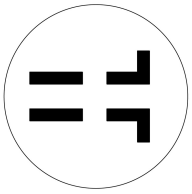
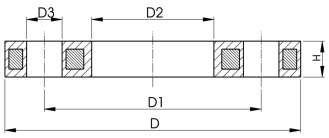
Data sheet

valid from: 10/29/26







Backing flange PP-Steel
For butt fusion systems metric

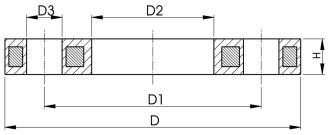
Model:

- Material: PP (30% glass-fibre reinforced) with steel ring
- Metric: ISO 7005, EN 1092, ISO 9624
- ASME: ANSI/ASME B 16.5 class 150, ASTM D4024, BS 1560, BS EN 1759
- Special flange adapter ANSI for d25 - d50 and d90 required
- AL: number of holes
- *FM 1613 approved - 15 bar
- ** Profiled loose flange

	d (mm)	DN (mm)	PN (bar)	Standard	Bolt circle	Design	Code	Weight (kg)
	20	15	16	ASME	class 150	Butt/Socket	**727 701 206**	0.195
	20	15	16	Metric	PN10	Butt/Socket	**727 700 206**	0.216
	25	20	16	Metric	PN10	Butt/Socket	**727 700 207**	0.279
	25	20	16	ASME	class 150	Butt/Socket	**727 701 207**	0.258
	32	25	16	Metric	PN10	Butt/Socket	**727 700 208**	0.429
	32	25	16	ASME	class 150	Butt/Socket	**727 701 208**	0.416
	40	32	16	Metric	PN10	Butt/Socket	**727 700 209**	0.621
	40	32	16	ASME	class 150	Butt/Socket	**727 701 209**	0.716
	50	40	16	Metric	PN10	Butt/Socket	**727 700 210**	0.722
	50	40	16	ASME	class 150	Butt/Socket	**727 701 210**	0.803
	63	50	16	Metric	PN10	Butt/Socket	**727 700 211**	0.900
	63	50	16	ASME	class 150	Butt/Socket	**727 701 211**	0.868
	75	65	16	Metric	PN10	Butt/Socket	**727 700 212**	1.110
	75	65	16	ASME	class 150	Butt/Socket	**727 701 212**	1.132
*	90	80	16	Metric	PN10	Butt	**724 700 313**	1.390
	90	80	16	Metric	PN10	Socket	**727 700 213**	1.369
	90	80	16	Metric	PN10	Butt	**727 700 313**	1.390
	90	80	16	ASME	class 150	Socket	**727 701 213**	1.492
	90	80	16	ASME	class 150	Butt	**727 701 313**	1.524
	110	100	16	Metric	PN10	Socket	**727 700 214**	1.522
	110	100	16	Metric	PN10	Butt	**727 700 314**	1.407
	110	100	16	ASME	class 150	Socket	**727 701 214**	1.695
	110	100	16	ASME	class 150	Butt	**727 701 314**	1.790
*	125	100	16	Metric	PN10	Butt	**724 700 315**	1.408
	125	100	16	Metric	PN10	Butt	**727 700 315**	1.408
	125	125	16	Metric	PN10	Socket	**727 700 815**	2.475
*	140	125	16	Metric	PN10	Butt	**724 700 316**	2.318
	140	125	16	Metric	PN10	Butt	**727 700 716**	2.318
	140	125	16	Metric	PN10	Socket	**727 700 816**	2.033
	140	125	16	ASME	class 150	Butt	**727 701 315**	2.730
*	160	150	16	Metric	PN10	Butt	**724 700 317**	3.491
	160	150	16	Metric/ASME	PN10/ class 150	Butt	**727 700 717**	3.840
	160	150	16	Metric/ASME	PN10/ class 150	Socket	**727 700 817**	3.167
*	180	150	16	Metric	PN10	Butt	**724 700 318**	3.108
	180	150	16	Metric/ASME	PN10/ Class 150	Butt	**727 700 718**	3.340
*, **	200	200	16	Metric	PN16	Butt	**724 700 319**	3.549
	200	200	16	Metric/ASME	PN10/ class 150	Butt	**727 700 719**	5.600
	200	200	16	Metric/ASME	PN10/ class 150	Socket	**727 700 819**	6.143
*, **	225	200	16	Metric	PN16	Butt	**724 700 320**	3.380
	225	200	16	Metric/ASME	PN10/ class 150	Butt	**727 700 720**	5.533
	225	200	16	Metric/ASME	PN10/ class 150	Socket	**727 700 820**	4.448
*, **	250	250	16	Metric	PN16	Butt	**724 700 321**	6.390
	250	225	16	Metric	PN10	Socket	**727 700 031**	8.340
	250	250	10	ASME	class 150	Butt	**727 701 321**	6.000

Data sheet

valid from: 10/29/26

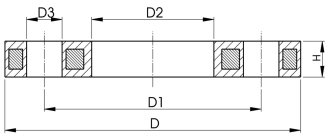


	d (mm)	DN (mm)	PN (bar)	Standard	Bolt circle	Design	Code	Weight (kg)
	250	250	16	Metric	PN10	Butt	**727 700 721**	6.632
	250	250	16	Metric	PN10	Socket	**727 700 821**	7.179
*, **	280	250	16	Metric	PN16	Butt	**724 700 322**	6.310
	280	250	16	Metric	PN10	Butt	**727 700 722**	6.573
	280	250	16	Metric	PN10	Socket	**727 700 822**	5.547
*, **	315	300	16	Metric	PN16	Butt	**724 700 323**	9.740
	315	300	16	Metric	PN10	Butt	**727 700 723**	7.903
	315	300	16	Metric	PN10	Socket	**727 700 823**	6.980
	315	300	10	ASME	class 150	Butt	**727 701 322**	11.800
*, **	355	350	16	Metric	PN16	Butt	**724 700 324**	15.203
	355	350	16	Metric	PN10	Butt	**727 700 724**	14.587
	355	350	16	Metric	PN10	Socket	**727 700 824**	12.465
	355	350	10	ASME	class 150	Butt	**727 701 323**	17.900
*, **	400	400	16	Metric	PN16	Butt	**724 700 325**	20.600
	400	400	16	Metric	PN10	Butt	**727 700 725**	20.034
	400	400	16	Metric	PN10	Socket	**727 700 825**	17.607
	400	400	10	ASME	class 150	Butt	**727 701 324**	24.500
*, **	450	500	10	Metric	PN10	Butt	**724 700 426**	25.600
	450	500	10	ASME	class 150	Butt	**727 701 325**	33.600
*, **	500	500	10	Metric	PN10	Butt	**724 700 427**	21.061
**	560	600	10	Metric	PN10	Butt	**724 700 428**	35.000
**	630	600	10	Metric	PN10	Butt	**724 700 429**	28.500
**	710	700	6	Metric	PN10	Butt	**724 700 430**	25.500
**	800	800	6	Metric	PN10	Butt	**724 700 431**	39.300
**	900	900	6	Metric	PN10	Butt	**724 700 432**	48.500

	d (mm)	D (mm)	D1 (mm)	D2 (mm)	D3 (mm)	Hmax (mm)	AL	M
	20	95	60	28	16	12	4	M12
	20	95	65	28	14	12	4	M12
	25	105	75	34	14	12	4	M12
	25	105	70	34	16	12	4	M12
	32	115	85	42	14	16	4	M12
	32	115	79	42	16	16	4	M12
	40	140	100	51	18	16	4	M16
	40	140	89	51	16	16	4	M16
	50	150	110	62	18	20	4	M16
	50	150	98	62	16	18	4	M16
	63	165	125	78	18	20	4	M16
	63	165	121	78	19	18	4	M16
	75	185	145	92	18	20	4	M16
	75	185	140	92	19	18	4	M16
*	90	200	160	108	18	20	8	M16
	90	200	160	110	18	20	8	M16
	90	200	160	108	18	20	8	M16
	90	200	152	110	19	20	4	M16
	90	200	152	108	19	20	4	M16
	110	220	180	133	18	20	8	M16
	110	220	180	128	18	20	8	M16
	110	229	190	133	19	20	8	M16
	110	229	190	128	19	20	8	M16
*	125	223	180	135	18	20	8	M16
	125	220	180	135	18	20	8	M16
	125	250	210	150	18	26	8	M16
*	140	250	210	158	18	24	8	M16
	140	250	210	158	18	24	8	M16
	140	250	210	167	18	26	8	M16
	140	253	216	158	21	24	8	M16
*	160	285	240	178	22	28	8	M20

Data sheet

valid from: 10/29/26



	d (mm)	D (mm)	D1 (mm)	D2 (mm)	D3 (mm)	Hmax (mm)	AL	M
	160	285	240	178	22	24	8	M20
	160	285	240	190	22	26	8	M20
*	180	285	240	188	22	28	8	M20
	180	285	240	188	22	24	8	M20
*, **	200	344	295	235	22	31	12	M20
	200	340	295	235	22	27	8	M20
	200	340	295	226	22	29	8	M20
*, **	225	344	295	238	22	31	12	M20
	225	340	297	238	22	27	8	M20
	225	340	297	250	22	29	8	M20
*, **	250	410	355	288	26	35	12	M24
	250	395	325	277	22	32	8	M20
	250	406	362	293	25	30	12	M24
	250	395	350	288	22	30	12	M20
	250	395	350	277	22	32	12	M20
*, **	280	410	355	294	26	36	12	M24
	280	395	350	294	22	30	12	M20
	280	395	350	310	22	32	12	M20
*, **	315	455	410	338	26	43	12	M24
	315	445	400	338	22	34	12	M20
	315	445	400	348	22	36	12	M20
	315	483	432	338	25	34	12	M24
*, **	355	521	470	376	26	55	16	M24
	355	515	460	376	23	40	16	M20
	355	515	460	388	23	42	16	M20
	355	540	476	376	29	42	12	M27
*, **	400	582	525	430	30	56	16	M27
	400	574	515	430	26	40	16	M24
	400	574	515	442	26	42	16	M24
	400	597	539	429	29	44	16	M27
*, **	450	685	620	517	26	56	20	M24
	450	712	635	540	32	53	20	M30
*, **	500	685	620	533	26	56	20	M24
**	560	796	725	618	30	68	20	M27
**	630	800	725	645	30	68	20	M27
**	710	912	840	740	30	49	24	M27
**	800	1026	950	843	33	58	24	M30
**	900	1129	1050	947	33	62	28	M30

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