



SUPERTUNG
丞晟實業有限公司

SIMONA

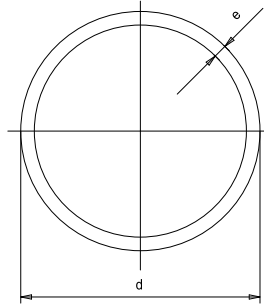


PVDF PIPES & FITTINGS

直管 & 配件 (對接)

SIMONA® Industrial Piping Systems
Superior Reliability in Extreme Conditions

PVDF Pressure pipes



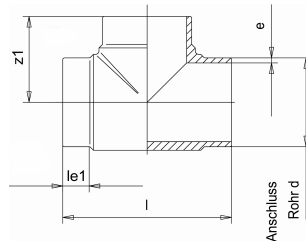
Product details:

- natural
- ISO 10931, standard length 5 m, special lengths on request

SDR	d (mm)	e (mm)	PN (bar)	Length/m	Weight (kg/m)	Art. No.
21	16	1.9	16	5	0.16	010000956
21	20	1.9	16	5	0.21	010000957
21	25	1.9	16	5	0.27	010000958
21	32	2.4	16	5	0.43	010000959
21	40	2.4	16	5	0.55	010000960
21	50	3.0	16	5	0.85	010000961
21	63	3.0	16	5	1.09	010000963
21	75	3.6	16	5	1.55	010000965
21	90	4.3	16	5	2.22	010000967
21	110	5.3	16	5	3.33	010000969
21	125	6.0	16	5	4.25	010002153
21	140	6.7	16	5	5.31	010002154
21	160	7.7	16	5	6.96	010002155
21	180	8.6	16	5	8.74	010002156
21	200	9.6	16	5	10.8	010002157
21	225	10.8	16	5	13.7	010002158
33	63	2.0	10	5	0.75	010000962
33	75	2.3	10	5	1.03	010000964
33	90	2.8	10	5	1.48	010000966
33	110	3.4	10	5	2.2	010000968
33	125	3.9	10	5	2.84	010000970
33	140	4.3	10	5	3.52	010000971
33	160	4.9	10	5	4.54	010000972
33	180	5.5	10	5	5.74	010000973
33	200	6.2	10	5	7.19	010000974
33	225	6.9	10	5	8.95	010001128
33	250	7.7	10	5	11.1	010002160
33	280	8.6	10	5	13.9	010002161
33	315	9.7	10	5	17.6	010002162

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PVDF Tees



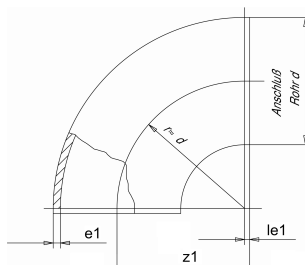
Product details:

- natural
- injected, for IR-/butt welding
- ISO 10931

SDR	d (mm)	le1 (mm)	z1 (mm)	PN (bar)	Length (mm)	kg/piece	e (mm)	Art. No.
21	20	25	38	16	76	0.021	1.9	010300957
21	25	27	42	16	84	0.029	1.9	010300958
21	32	27	46	16	92	0.057	2.4	010300959
21	40	28	51	16	102	0.088	2.4	010300960
21	50	28	58	16	116	0.155	3.0	010300961
21	63	28	66	16	132	0.275	3.0	010300962
21	75	32	75	16	150	0.370	3.6	010300963
21	90	39	90	16	180	0.660	4.3	010300965
21	110	48	110	16	220	1.210	5.3	010300967
21	140					2.600	6.7	010300983
21	160					3.500	7.7	010300985
21	200					7.500	9.6	010300986
33	90	39	90	10	180	0.397	2.8	010300964
33	110	48	110	10	220	0.714	3.4	010300966
33	125	56	125	10	250	1.280	3.9	010300981
33	140	62	140	10	280	1.780	4.3	010300982
33	160	71	160	10	320	2.570	4.9	010300984
33	200	80	200	10	400	4.810	6.2	010300993
33	225	86	220	10	440	7.250	6.9	010300987

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PVDF Bends 90° for IR-/butt welding



Product details:

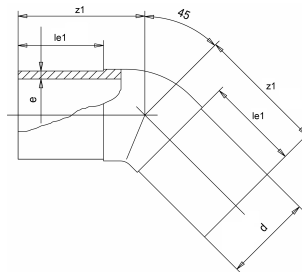
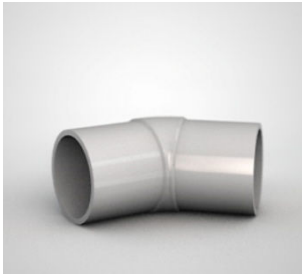
- natural
- injected ($r \sim d$), for IR-/butt welding
- ISO 10931

Product image for illustration purposes only.

SDR	d (mm)	le1 (mm)	z1 (mm)	PN (bar)	Angle (°)	kg/piece	e (mm)	Art. No.
21	20	4	23	16	90	0.008	1.9	010100513
21	25	5	28	16	90	0.014	1.9	010100514
21	32	6	35	16	90	0.025	2.4	010100515
21	40	6	44	16	90	0.041	2.4	010100516
21	50	8	53	16	90	0.074	3.0	010100517
21	63	9	66	16	90	0.116	3.0	010100518
21	75	23	75	16	90	0.280	3.6	010102954
21	90	23	90	16	90	0.520	4.3	010102938
21	110	23	110	16	90	0.650	5.3	010102940
21	140				90	1.600	6.7	010102944
21	160				90	2.060	7.7	010102946
21	200				90	3.800	9.6	010102948
21	225				90	5.280	10.8	010102950
33	90	23	90	10	90	0.360	2.8	010102937
33	110	23	110	10	90	0.578	3.4	010102939
33	125	28	125	10	90	0.710	3.9	010102941
33	140	33	140	10	90	0.960	4.3	010102943
33	160	33	160	10	90	1.560	4.9	010102945
33	200	33	200	10	90	3.120	6.2	010102947
33	225	33	220	10	90	3.952	6.9	010102949

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PVDF Elbows 45°, injected, for IR-/butt welding



Product details:

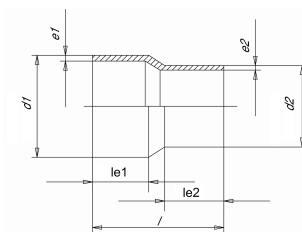
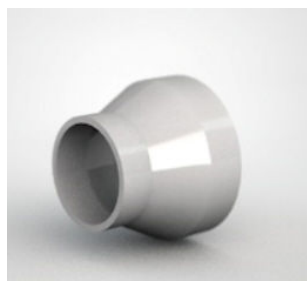
- natural
- injected, for IR-/butt welding
- ISO 10931

Product image for illustration purposes only.

SDR	d (mm)	le1 (mm)	z1 (mm)	PN (bar)	Angle (°)	kg/piece	e (mm)	Art. No.
21	20	25	32	16	45	0.025	1.9	010200252
21	25	26	34	16	45	0.030	1.9	010200253
21	32	26	36	16	45	0.063	2.4	010200254
21	40	28	39	16	45	0.072	2.4	010200255
21	50	30	42	16	45	0.130	3.0	010200256
21	63	31	47	16	45	0.120	3.0	010200257
21	75	32	49	16	45	0.180	3.6	010200258
21	90	37	57	16	45	0.550	4.3	010200259
21	110	46	70	16	45	0.865	5.3	010200260
21	140				45	1.620	6.7	010200261
21	160				45	1.700	7.7	010200262
21	200				45		9.6	010200263
21	225				45		10.8	010200264
33	90	37	57	10	45	0.415	2.8	010200265
33	110	46	70	10	45	0.380	3.4	010200266
33	125	51	79	10	45	1.000	3.9	010200267
33	140	57	88	10	45	1.200	4.3	010200268
33	160	62	100	10	45	1.525	4.9	010200269
33	200	77	124	10	45	2.000	6.2	010200270
33	225	88	140	10	45	3.880	6.9	010200271

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PVDF Reducers concentric for IR-/butt welding



Product details:

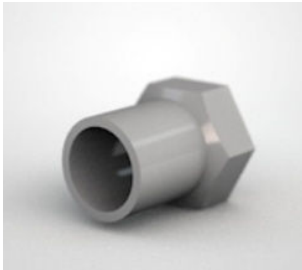
- natural
- injected, with elongated spigots, for IR-/butt welding, Execution SDR 33/21: d1= SDR 33, d2= SDR 21
- ISO 10931

Product image for illustration purposes only.

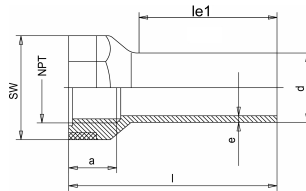
SDR	d1 (mm)	d2 (mm)	e2 (mm)	le1 (mm)	le2 (mm)	Length (mm)	kg/piece	e (mm)	Art. No.
21	25	20	1.9	22	22	50	0.015	1.9	014901346
21	32	20	1.9	22	22	50	0.015	2.4	014901348
21	32	25	1.9	22	22	50	0.016	2.4	014901347
21	40	20	1.9	22	24	58	0.020	2.4	014901351
21	40	25	1.9	22	24	55	0.028	2.4	014901350
21	40	32	2.4	22	24	55	0.026	2.4	014901349
21	50	25	1.9	22	25	60	0.031	3.0	014901401
21	50	32	2.4	22	25	60	0.048	3.0	014901400
21	50	40	2.4	22	25	60	0.040	3.0	014901399
21	63	32	2.4	22	25	65	0.064	3.0	014901404
21	63	40	2.4	22	25	65	0.066	3.0	014901403
21	63	50	3	22	25	65	0.060	3.0	014901402
21	75	40	2.4	24	25	68	0.092	3.6	014901407
21	75	50	3	24	25	65	0.096	3.6	014901406
21	75	63	3	24	25	65	0.080	3.6	014901405
21	90	63	3	25	30	75	0.130	4.3	014901422
21	90	75	3.6	25	35	75	0.180	4.3	014901408
21	110	63	3	30	30	90	0.213	5.3	014901423
21	110	75	3.6	30	35	90	0.270	5.3	014901411
21	110	90	4.3	30	35	90	0.230	5.3	014901410
21	140	110	5.3				0.450		014901413
21	160	110	5.3				0.450		014901415
21	160	140	6.7				0.820		010005986
21	200	160	7.7				1.340		014901352
21	225	110	5.3				1.540		014901353
21	225	160	7.7				1.730		014901354
21	225	200	9.6				1.980		014901355
33	90	63	3	25	30	75	0.130	2.8	010006524
33	110	63	3	30	30	90	0.213	3.4	010006525
33	110	90	2.8	30	35	90	0.370	3.4	014901418
33	125	110	5.3	35	40	100	0.450	3.9	010006521
33	140	110	5.3	40	40	110	0.450	4.3	010006522
33	140	125	3.9	40	40	110	0.400	4.3	014901419
33	160	110	5.3	40	40	120	0.450	4.9	010006523
33	160	110	3.4	40	40	120	0.534	4.9	014901420
33	160	140	4.3	40	40	120	0.460	4.9	014901421
33	200	160	4.9	50	40	145	1.795	6.2	014901342
33	225	110	5.3	55	40	160	0.300	6.9	010006520
33	225	110	3.4	55	40	160	0.980	6.9	014901343
33	225	160	4.9	55	40	160	1.140	6.9	014901344
33	225	200	6.2	55	50	160	1.200	6.9	014901345

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PVDF Adaptors with threaded female end



Product image for illustration purposes only.



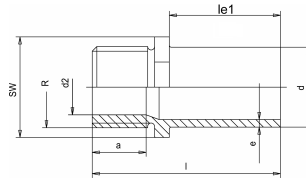
Product details:

- natural
- injected, with elongated spigot, for IR-/butt welding
- with conical threaded female end NPT, with cylindric threaded female end Rp (acc. to DIN EN 10226/1), do not use thread lubricants or sealing pastes that may damage PVDF, avoid stresses during installation as well as major temperature fluctuations, double-layer PTFE tape recommended as sealant
- ISO 10931

SDR	d (mm)	le1 (mm)	RP (")	PN (bar)	SW (mm)	Length (mm)	Gewinde	kg/piece	e (mm)	Art. No.
21	20	39	1/2	16	49	49	Female thread Rp	0.023	1.9	019900019
21	20	41		16	49	49	Female thread NPT	0.034	1.9	019900025
21	25	41	3/4	16	51	51	Female thread Rp	0.032	1.9	019900020
21	25	41		16	51	51	Female thread NPT	0.038	1.9	019900026
21	32	44	1	16	54	54	Female thread Rp	0.060	2.4	019900021
21	32	44		16	54	54	Female thread NPT	0.060	2.4	019900027
21	40	49	1 1/4	16	56	56	Female thread Rp	0.085	2.4	019900022
21	40	49		16	57	57	Female thread NPT	0.086	2.4	019900028
21	50	55	1 1/2	16	60	60	Female thread Rp	0.108	3.0	019900023
21	50	55		16	60	60	Female thread NPT	0.106	3.0	019900029
21	63	63	2	16	64	64	Female thread Rp	0.180	3.0	019900024
21	63	63		16	64	64	Female thread NPT	0.183	3.0	019900030

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PVDF Adaptors with threaded male end R



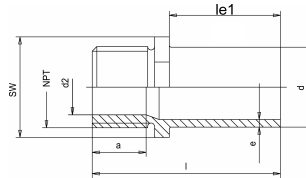
Product details:

- natural
- injected, for IR-/butt welding
- with conical threaded male end R (acc. to DIN EN 10226/1), do not use thread lubricants or sealing pastes that may damage PVDF, avoid stresses during installation as well as major temperature fluctuations, double-layer PTFE tape recommended as sealant
- ISO 10931

SDR	d (mm)	le1 (mm)	R (")	PN (bar)	SW (mm)	Length (mm)	kg/piece	e (mm)	Art. No.
21	20	28	1/2	16	32	53	0.017	1.9	010006570
21	25	28	3/4	16	36	55	0.039	1.9	010006571
21	32	28	1	16	46	57	0.042	2.4	010006572
21	40	28	1 1/4	16	55	60	0.060	2.4	010006573
21	50	28	1 1/2	16	65	63	0.097	3.0	010006574
21	63	29	2	16	75	69	0.133	3.0	010006575

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PVDF Adaptors with threaded male end NPT



Product details:

- natural
- injected, for IR-/butt welding
- with conical threaded male end NPT, do not use thread lubricants or sealing pastes that may damage PVDF, avoid stresses during installation as well as major temperature fluctuations, double-layer PTFE tape recommended as sealant
- ISO 10931

Product image for illustration purposes only.

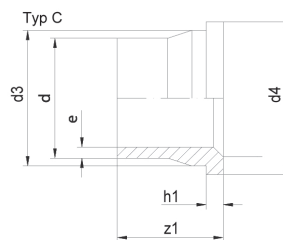
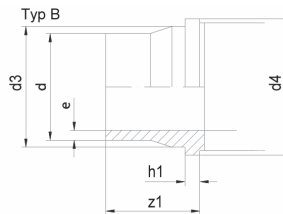
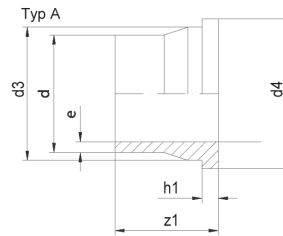
SDR	d (mm)	le1 (mm)	NPT (")	PN (bar)	SW (mm)	Length (mm)	Gewinde	kg/piece	e (mm)	Art. No.
21	20	28	1/2"	16	32	53	Male thread NPT	0.017	1.9	020000019
21	25	28	3/4"	16	36	55	Male thread NPT	0.022	1.9	020000020
21	32	28	1"	16	46	57	Male thread NPT	0.040	2.4	020000021
21	40	28	1 1/4"	16	55	60	Male thread NPT	0.060	2.4	020000022
21	50	28	1 1/2"	16	65	63	Male thread NPT	0.097	3.0	020000023
21	63	29	2"	16	75	69	Male thread NPT	0.133	3.0	020000024

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PVDF Stub flanges for loose flanges ISO/DIN



Product image for illustration purposes only.



Product details:

- natural
- injected, for IR-/butt welding
- serrated flange face
- ISO 10931

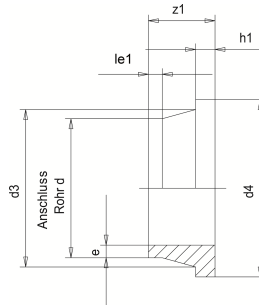
SDR	d (mm)	d4 (mm)	z1 (mm)	h1 (mm)	PN (bar)	kg/piece	e (mm)	Art. No.
21	20	45	65	6	16	0.030	1.9	010600942
21	25	58	63	7	16	0.044	1.9	010600943
21	32	68	68	8	16	0.072	2.4	010600944
21	40	78	75	8	16	0.093	2.4	010600945
21	50	88	82	10	16	0.120	3.0	010600946
21	63	102	96	9	16	0.187	3.0	010600947
21	75	122	102	10	16	0.298	3.6	010600948
21	90	138	81	12	16	0.400	4.3	010600950
21	110	158	81	13	16	0.540	5.3	010600952
21	140					0.847	6.7	010600955
21	160					1.200	7.7	010600957
21	200					1.900	9.6	010600959
21	225					2.000	10.8	010600961
33	90	138	81	12	10	0.370	2.8	010600949
33	110	158	81	13	10	0.480	3.4	010600951
33	125	158	82	14	10	0.620	3.9	010600953
33	140	188	90	16	10	0.710	4.3	010600954
33	160	212	93	17	10	1.080	4.9	010600956
33	200	268	102	22	10	1.600	6.2	010600958
33	225	268	102	22	10	1.700	6.9	010600960

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PVDF Stub flanges for loose flanges ANSI



Product image for illustration purposes only.



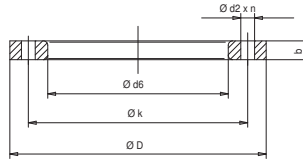
Product details:

- natural
- injected, for IR-/butt welding
- serrated flange face, stub flanges acc. to ISO/DIN can be used for the application of ANSI loose flanges with regard to dimensions that have not been listed and from d=110 mm

SDR	d (mm)	d3 (mm)	d4 (mm)	le1 (mm)	z1 (mm)	h1 (mm)	PN (bar)	e (mm)	Art. No.
21	25	32	54	20	50	9	16	1.9	019400371
21	32	39	63	26	50	10	16	2.4	019400372
21	50	60	82	23	50	12	16	3.0	019400374
21	90	102	133	40	80	17	16	4.3	019400375

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PP/Steel Loose flanges, ISO/DIN drilled



Product details:

- Drilled PN 10/16 up to d 180 mm, > 180 mm drilled PN 10
- DIN EN ISO 15494/C, drilled PN 10/16 acc. to DIN EN 1092/1 (replaces ISO/DIN 2501)

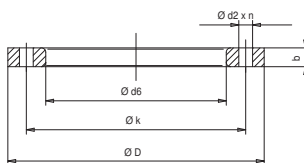
Product image for illustration purposes only.

d (mm)	DN (mm)	Load PN	d2 (mm)	d6 (mm)	D (mm)	b (mm)	k (mm)	Drilled PN	Anzahl n	M	Colour	kg/piece	Art. No.
20	15	16	14	27.5	95	12	65	10/16	4	M12	grey	0.252	013000001
20	15	16	14	27.5	95	12	65	10/16	4	M12	black	0.221	0130000021
25	20	16	14	34	105	12	75	10/16	4	M12	grey	0.320	0130000022
25	20	16	14	34	105	12	75	10/16	4	M12	black	0.315	0130000022
32	25	16	14	42	115	16	85	10/16	4	M12	grey	0.488	0130000033
32	25	16	14	42	115	16	85	10/16	4	M12	black	0.457	0130000023
40	32	16	18	50.5	140	18	100	10/16	4	M16	grey	0.680	0130000044
40	32	16	18	50.5	140	18	100	10/16	4	M16	black	0.686	0130000024
50	40	16	18	61.5	150	18	110	10/16	4	M16	grey	0.801	0130000055
50	40	16	18	61.5	150	18	110	10/16	4	M16	black	0.800	0130000025
63	50	16	18	77.5	165	17	125	10/16	4	M16	grey	0.855	0130000066
63	50	16	18	77.5	165	17	125	10/16	4	M16	black	0.906	0130000026
75	65	16	18	91.5	185	22	145	10/16	4	M16	grey	1.245	0130000077
75	65	16	18	91.5	185	22	145	10/16	4	M16	black	1.262	0130000027
90	80	16	18	107.5	200	20	160	10/16	8	M16	grey	1.264	0130000088
90	80	16	18	108	200	20	160	10/16	8	M16	black	1.280	0130000028
110	100	16	18	128	223	20	180	10/16	8	M16	grey	1.565	0130000099
110	100	16	18	128	223	20	180	10/16	8	M16	black	1.595	0130000029
125	100	16	18	134.5	223	20	180	10/16	8	M16	grey	1.456	0130000010
125	100	16	18	134.5	223	20	180	10/16	8	M16	black	1.490	0130000030
140	125	16	18	157.5	250	24	210	10/16	8	M16	grey	2.276	0130000011
140	125	16	18	157.5	250	24	210	10/16	8	M16	black	2.320	0130000031
160	150	16	22	177.5	285	24	240	10/16	8	M20	grey	3.538	0130000012
160	150	16	22	177.5	285	24	240	10/16	8	M20	black	3.463	0130000032
180	150	16	22	188	285	24	240	10/16	8	M20	grey	3.144	0130000013
180	150	16	22	187.5	285	24	240	10/16	8	M20	black	3.175	0130000033
200	200	10	22	235.5	340	24	295	10	8	M20	grey	4.616	0130000014

d (mm)	DN (mm)	Load PN	d2 (mm)	d6 (mm)	D (mm)	b (mm)	k (mm)	Drilled PN	Anzahl n	M	Colour	kg/piece	Art. No.
200	200	10	22	235.5	340	24	295	10	8	M20	black	4.633	013000034
225	200	10	22	238	340	24	295	10	8	M20	grey	4.137	013000015
225	200	10	22	238	340	24	295	10	8	M20	black	4.138	013000035
250	250	10	22	288	403	30	350	10	12	M20	grey	7.093	013000016
250	250	10	22	287.5	403	30	350	10	12	M20	black	7.233	013000036
280	250	10	22	294	405	30	350	10	12	M20	grey	7.002	013000017
280	250	10	22	294	405	30	350	10	12	M20	black	7.014	013000037
315	300	10	22	337.5	462	34	400	10	12	M20	grey	9.878	013000018
315	300	10	22	337.5	460	34	400	10	12	M20	black	9.705	013000038
355	350	10	22	375.5	513	39	460	10	16	M20	grey	16.030	013000019
355	350	10	22	375.5	505	39	460	10	16	M20	black	15.075	013000039
400	400	10	26	429.5	570	44	515	10	16	M24	grey	19.760	013000020
400	400	10	26	429.5	570	44	515	10	16	M24	black	19.616	013000040
450	500	10	26	516.5	670	44	620	10	20	M24	black	25.796	013000041
500	500	10	26	532.5	670	44	620	10	20	M24	black	25.550	013000042

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PP/Steel Loose flanges, JIS drilled



Product details:

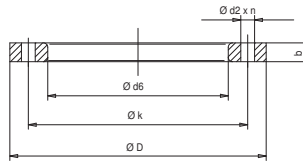
- Drilled for JIS B 2220 - 10 K
- JIS B 2220 - 10 K

Product image for illustration purposes only.

d (mm)	DN (mm)	d2 (mm)	d6 (mm)	D (mm)	b (mm)	k (mm)	PN (bar)	Anzahl n	Colour	kg/piece	Load K	Art. No.
20	15	15	28	95	12	70	16	4	grey	0.225	10	013000326
25	20	15	34.5	100	12	75	16	4	grey	0.250	10	013000327
32	25	19	42.5	125	16	90	16	4	grey	0.515	10	013000328
40	32	19	51	135	18	100	16	4	grey	0.618	10	013000329
50	40	19	62	140	18	105	16	4	grey	0.640	10	013000330
63	50	19	78	155	18	120	16	4	grey	0.880	10	013000331
75	65	19	92	175	18	140	16	4	grey	0.965	10	013000332
90	80	19	108	185	18	150	16	8	grey	1.070	10	013000333
110	100	19	134	210	20	175	16	8	grey	1.100	10	013000334
140	125	23	158	250.5	24	210	16	8	grey	2.225	10	013000335
160	150	22.5	178	280	24	240	16	8	grey	3.115	10	013000336
225	200	23	240	330	24	290	16	12	grey	3.370	10	013000337

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PP/Steel Loose flanges, ANSI drilled



Product details:

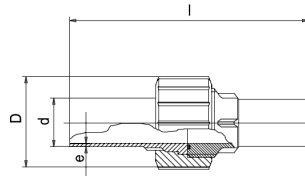
- grey
- Drilled for ANSI B16.5 - 150 lbs d20 - d90 + d450 special ANSI stub flange required
- ANSI B 16.5 150 lbs

Product image for illustration purposes only.

d (mm)	Connection inch (")	Load PN	Load lbs	d2 (mm)	d6 (mm)	D (mm)	b (mm)	k (mm)	Anzahl n	M	kg/piece	Art. No.
20	1/2	10	150	15.9	28	93	12	60.3	4	M12	0.217	013000047
25	3/4	10	150	15.9	33.5	105	12	69.8	4	M12	0.293	013000048
32	1	10	150	15.9	41.5	112	16	79.4	4	M16	0.421	013000049
40	1 1/4	10	150	15.9	50.5	130	16	88.9	4	M16	0.540	013000050
50	1 1/2	10	150	15.9	61.5	132	18	98.4	4	M16	0.551	013000051
63	2	10	150	20	77.5	160	18	120.6	4	M16	0.776	013000052
75	2 1/2	10	150	19	88.5	178	18	139.7	4	M16	1.049	013000053
90	3	10	150	19	107.5	190	18	152.4	4	M16	1.039	013000054
110	4	10	150	19	133	229	18	190.5	8	M16	1.791	013000055
160	6	10	150	22	181.5	279	24	241	8	M20	2.953	013000056
200	8	10	150	22	235.5	342.9	24	298.4	8	M20	4.676	013000057
250	10	10	150	25	293	406	34	362	12	M24	6.201	013000058
315	12	10	150	25.4	337.5	483	34	432	12	M24	11.907	013000059
355	14	10	150	28.6	375.5	540	38	476	12	M24	18.520	013000074
400	16	10	150	28.6	429	597	44	540	16	M27	24.488	013000209
500	20	10	150	31.7	540	708	51	635	20	M27	33.875	010022575

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PVDF Unions



Product details:

- natural
- injected, with elongated spigot, for IR-/butt welding
- ISO 10931

SDR	d (mm)	R (")	PN (bar)	Length (mm)	kg/piece	e (mm)	Art. No.
21	20	1	16	106	0.080	1.9	019500033
21	25	1 1/4	16	112	0.130	1.9	019500034
21	32	1 1/2	16	122	0.175	2.4	019500035
21	40	2	16	124	0.262	2.4	019500036
21	50	2 1/4	16	130	0.370	3.0	019500037
21	63	2 3/4	16	136	0.578	3.0	019500038

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