



Made in Germany
with over 60 years
of experience

PRODUCT TECHNICAL DATA SHEET

Fiberchem PN10

INDUSTRY

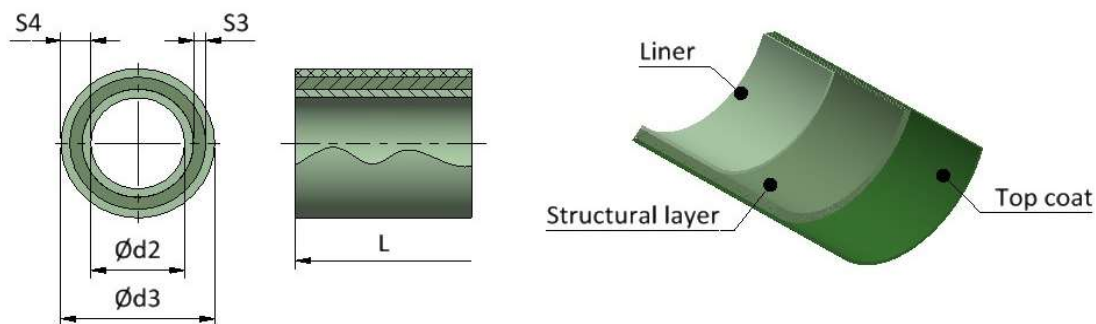
POWER PLANTS

MARINE & OFFSHORE

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Pipe with 2,5mm Chemical Resistance Liner

Fiberchem

Type GRVE-CS/GRE-CS, PN10

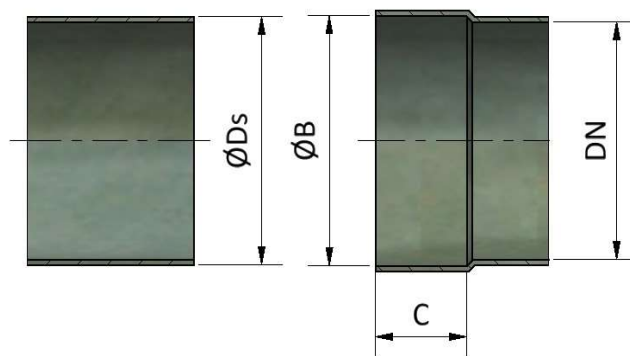
Pipes delivery length

DN 25 – DN 80	6 m
DN 100 – DN 1000	10 m

Outside diameter tolerances

DN 25 – DN 100	+ 1,7 / -0,6 mm
DN 125 – DN 300	+ 2,4 / -1,0 mm
DN 350 – DN 450	+ 3,3 / -1,5 mm
≥ DN 500	+ 4,2 / -2,0 mm

DN Ød2 (mm)	L (mm)	S3 (mm)	S4 (mm)	Ød3 (mm)	Content (L/m)	Weight (kg/m)	Art. N° GRVE	Art. N° GRE
25	6.000	0,8	3,6	32,2	0,5	0,6	6011340025	6011440025
40	6.000	0,8	3,6	47,2	1,3	0,9	6011340040	6011440040
50	6.000	1,2	4,0	58,0	2,0	1,2	6011340050	6011440050
65	6.000	1,2	4,0	73,0	3,3	1,6	6011340065	6011440065
80	6.000	1,6	4,4	88,8	5,0	2,1	6011340080	6011440080
100	10.000	1,6	4,4	108,8	7,9	2,6	6011340100	6011440100
125	10.000	2,0	4,8	134,6	12,3	3,5	6011340125	6011440125
150	10.000	1,6	4,4	158,8	17,7	3,8	6011330150	6011430150
200	10.000	2,0	4,8	209,6	31,4	5,6	6011330200	6011430200
250	10.000	2,4	5,2	260,4	49,1	7,5	6011330250	6011430250
300	10.000	3,2	6,0	312,0	70,7	10,4	6011330300	6011430300
350	10.000	4,0	6,8	363,6	96,2	13,7	6011330350	6011430350
400	10.000	4,0	6,8	413,6	125,7	15,6	6014330400	6014430400
450	10.000	4,8	7,6	465,2	159,0	19,7	6014330450	6014430450
500	10.000	4,8	7,6	515,2	196,3	21,8	6014330500	6014430500
600	10.000	5,6	8,4	616,8	282,7	28,9	6014330600	6014430600
700	10.000	6,4	9,2	718,4	384,8	36,9	6014330700	6014430700
800	10.000	7,2	10,0	820,0	502,7	45,8	6014330800	6014430800
900	10.000	8,0	10,8	921,6	636,2	55,6	6014330900	6014430900
1000	10.000	9,6	12,4	1024,8	785,4	71,0	6014231000	6014431000



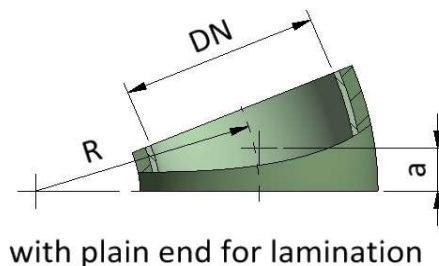
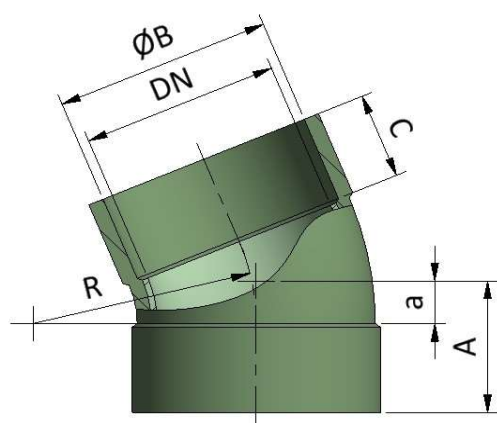
Bell & spigot with 2,5mm Chemical Resistance Liner

Fiberchem

Type GRVE-CS/GRE-CS, PN10

DN (mm)	ØDs (mm)	ØB (mm)	C (mm)
25	32,2	32,8	25
40	47,2	47,8	25
50	58,0	58,6	25
65	73,0	73,6	25
80	88,8	89,4	35
100	108,8	109,4	40
125	134,6	135,2	50
150	158,8	159,4	40
200	209,6	210,2	50
250	260,4	261,0	65
300	312,0	312,6	75
350	363,6	364,2	90
400	413,6	414,2	---
450	465,2	465,8	---
500	515,2	515,8	---
600	616,8	617,4	---
700	718,4	719,0	---
800	820,0	820,6	---
900	921,6	922,2	---
1000	1024,8	1025,4	---

Other dimensions and details are available upon request

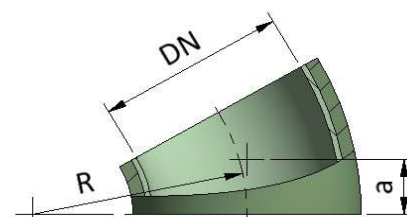
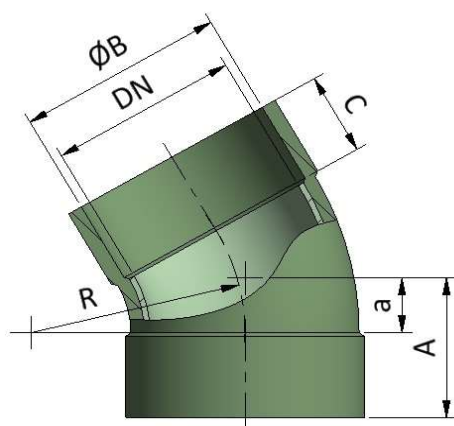


Elbow 22,5°, R=1,5D with 2,5mm Chemical Resistance Liner

Fiberchem

Type GRVE-CS/GRE-CS, PN10

DN (mm)	R (mm)	a (mm)	A (mm)	ØB (mm)	C (mm)	Art. N° GRVE-CS	Art. N° GRE-CS
25	37,5	7,5	35,0	32,2	25	6038340025	6038440025
40	60,0	11,9	39,4	47,2	25	6038340040	6038440040
50	75,0	14,9	42,4	58,0	25	6038340050	6038440050
65	97,5	19,4	46,9	73,0	25	6038340065	6038440065
80	120,0	23,9	61,4	88,8	35	6038340080	6038440080
100	150,0	29,8	72,3	108,8	40	6038340100	6038440100
125	187,5	37,3	89,8	134,6	50	6038340125	6038440125
150	225,0	44,8	87,3	158,8	40	6038330150	6038430150
200	300,0	59,7	112,2	209,6	50	6038330200	6038430200
250	375,0	74,6	142,1	260,4	65	6038330250	6038430250
300	450,0	89,5	167,0	312,0	75	6038330300	6038430300
350	525,0	104,4	196,9	363,6	90	6038330350	6038430350
400	600,0	119,3	Elbow with plain ends for lamination			6058330400	6058430400
450	675,0	134,3				6058330450	6058430450
500	750,0	149,2				6058330500	6058430500
600	900,0	179,0				6058330600	6058430600
700	See R=1D					See R=1D	
800							
900							
1000							



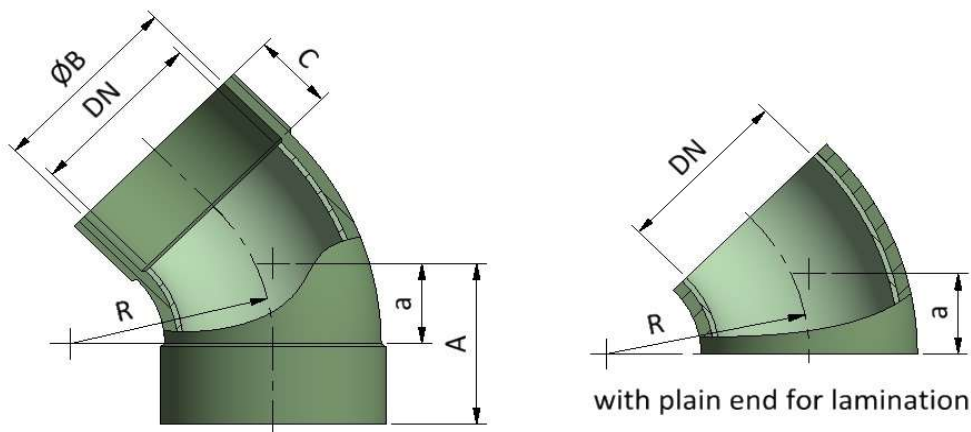
with plain end for lamination

Elbow 30°, R=1,5D with 2,5mm Chemical Resistance Liner

Fiberchem

Type GRVE-CS/GRE-CS, PN10

DN (mm)	R (mm)	a (mm)	A (mm)	ØB (mm)	C (mm)	Art. N° GRVE-CS	Art. N° GRE-CS
25	37,5	10,0	37,5	32,2	25	6033340025	6033440025
40	60,0	16,1	43,6	47,2	25	6033340040	6033440040
50	75,0	20,1	47,6	58,0	25	6033340050	6033440050
65	97,5	26,1	53,6	73,0	25	6033340065	6033440065
80	120,0	32,2	69,7	88,8	35	6033340080	6033440080
100	150,0	40,2	82,7	108,8	40	6033340100	6033440100
125	187,5	50,2	102,7	134,6	50	6033340125	6033440125
150	225,0	60,3	102,8	158,8	40	6033330150	6033430150
200	300,0	80,4	132,9	209,6	50	6033330200	6033430200
250	375,0	100,5	168,0	260,4	65	6033330250	6033430250
300	450,0	120,6	198,1	312,0	75	6033330300	6033430300
350	525,0	140,7	233,2	363,6	90	6033330350	6033430350
400	600,0	160,8	Elbow with plain ends for lamination			6053330400	6053430400
450	675,0	180,9				6053330450	6053430450
500	750,0	201,0				6053330500	6053430500
600	900,0	241,2				6053330600	6053430600
700	See R=1D					See R=1D	
800							
900							
1000							

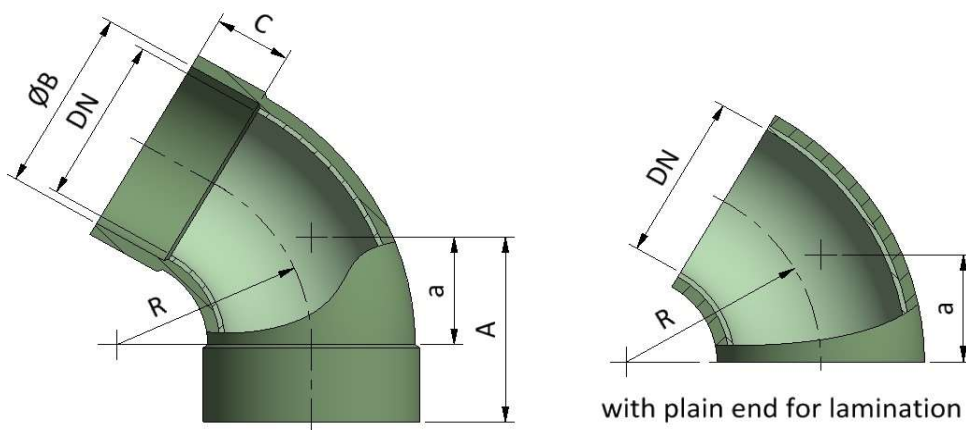


Elbow 45°, R=1,5D with 2,5mm Chemical Resistance Liner

Fiberchem

Type GRVE-CS/GRE-CS, PN10

DN (mm)	R (mm)	a (mm)	A (mm)	ØB (mm)	C (mm)	Art. N° GRVE-CS	Art. N° GRE-CS
25	37,5	15,5	43,0	32,2	25	6032340025	6032440025
40	60,0	24,9	52,4	47,2	25	6032340040	6032440040
50	75,0	31,1	58,6	58,0	25	6032340050	6032440050
65	97,5	40,4	67,9	73,0	25	6032340065	6032440065
80	120,0	49,7	87,2	88,8	35	6032340080	6032440080
100	150,0	62,1	104,6	108,8	40	6032340100	6032440100
125	187,5	77,7	130,2	134,6	50	6032340125	6032440125
150	225,0	93,2	135,7	158,8	40	6032330150	6032430150
200	300,0	124,3	176,8	209,6	50	6032330200	6032430200
250	375,0	155,3	222,8	260,4	65	6032330250	6032430250
300	450,0	186,4	263,9	312,0	75	6032330300	6032430300
350	525,0	217,5	310,0	363,6	90	6032330350	6032430350
400	600,0	248,5	Elbow with plain ends for lamination			6052330400	6052430400
450	675,0	279,6				6052330450	6052430450
500	750,0	310,7				6052330500	6052430500
600	900,0	372,8				6052330600	6052430600
700	See R=1D					See R=1D	
800							
900							
1000							

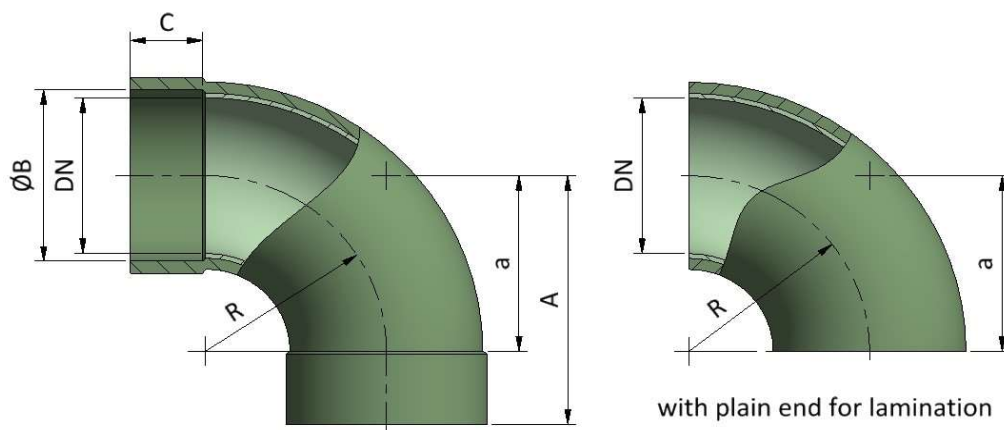


Elbow 60°, R=1,5D with 2,5mm Chemical Resistance Liner

Fiberchem

Type GRVE-CS/GRE-CS, PN10

DN (mm)	R (mm)	a (mm)	A (mm)	ØB (mm)	C (mm)	Art. N° GRVE-CS	Art. N° GRE-CS
25	37,5	21,7	49,2	32,2	25	6036340025	6036440025
40	60,0	34,6	62,1	47,2	25	6036340040	6036440040
50	75,0	43,3	70,8	58,0	25	6036340050	6036440050
65	97,5	56,3	83,8	73,0	25	6036340065	6036440065
80	120,0	69,3	106,8	88,8	35	6036340080	6036440080
100	150,0	86,6	129,1	108,8	40	6036340100	6036440100
125	187,5	108,3	160,8	134,6	50	6036340125	6036440125
150	225,0	129,9	172,4	158,8	40	6036330150	6036430150
200	300,0	173,2	225,7	209,6	50	6036330200	6036430200
250	375,0	216,5	284,0	260,4	65	6036330250	6036430250
300	450,0	259,8	337,3	312,0	75	6036330300	6036430300
350	525,0	303,1	395,6	363,6	90	6036330350	6036430350
400	600,0	346,4	Elbow with plain ends for lamination			6056330400	6056430400
450	675,0	389,7				6056330450	6056430450
500	750,0	433,0				6056330500	6056430500
600	900,0	519,6				6056330600	6056430600
700	See R=1D					See R=1D	
800							
900							
1000							

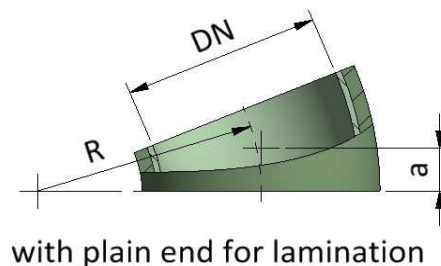
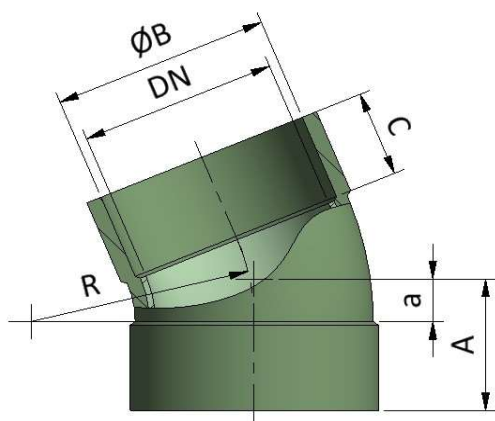


Elbow 90°, R=1,5D with 2,5mm Chemical Resistance Liner

Fiberchem

Type GRVE-CS/GRE-CS, PN10

DN (mm)	R (mm)	a (mm)	A (mm)	ØB (mm)	C (mm)	Art. N° GRVE-CS	Art. N° GRE-CS
25	37,5	37,5	65,0	32,2	25	6031340025	6031440025
40	60,0	60,0	87,5	47,2	25	6031340040	6031440040
50	75,0	75,0	102,5	58,0	25	6031340050	6031440050
65	97,5	97,5	125,0	73,0	25	6031340065	6031440065
80	120,0	120,0	157,5	88,8	35	6031340080	6031440080
100	150,0	150,0	192,5	108,8	40	6031340100	6031440100
125	187,5	187,5	240,0	134,6	50	6031340125	6031440125
150	225,0	225,0	267,5	158,8	40	6031330150	6031430150
200	300,0	300,0	352,5	209,6	50	6031330200	6031430200
250	375,0	375,0	442,5	260,4	65	6031330250	6031430250
300	450,0	450,0	527,5	312,0	75	6031330300	6031430300
350	525,0	525,0	617,5	363,6	90	6031330350	6031430350
400	600,0	600,0	Elbow with plain ends for lamination			6051330400	6051430400
450	675,0	675,0				6051330450	6051430450
500	750,0	750,0				6051330500	6051430500
600	900,0	900,0				6051330600	6051430600
700	See R=1D					See R=1D	
800							
900							
1000							

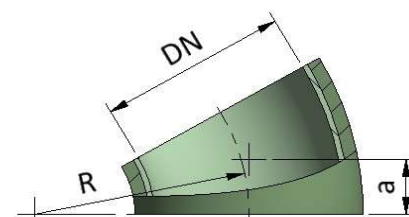
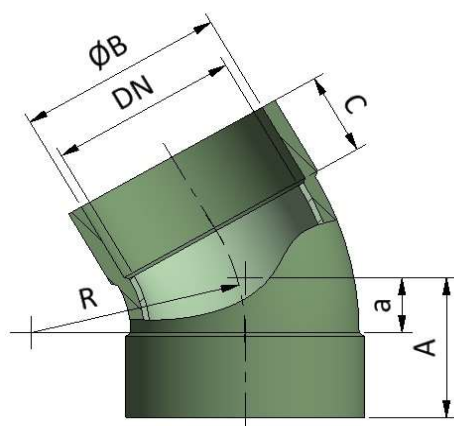


Elbow 22,5°, R=1D with 2,5mm Chemical Resistance Liner

Fiberchem

Type GRVE-CS/GRE-CS, PN10

DN (mm)	R (mm)	a (mm)	A (mm)	ØB (mm)	C (mm)	Art. N° GRVE-CS	Art. N° GRE-CS
25	See R=1,5D						
40							
50							
65							
80							
100	100,0	19,9	62,4	108,8	40	6098340100	6098440100
125	125,0	24,9	77,4	134,6	50	6098340125	6098440125
150	150,0	29,8	72,3	158,8	40	6098330150	6098430150
200	200,0	39,8	92,3	209,6	50	6098330200	6098430200
250	250,0	49,7	117,2	260,4	65	6098330250	6098430250
300	300,0	59,7	137,2	312,0	75	6098330300	6098430300
350	350,0	69,6	162,1	363,6	90	6098330350	6098430350
400	400,0	79,6	Elbow with plain ends for lamination			6078330400	6078430400
450	450,0	89,5				6078330450	6078430450
500	500,0	99,5				6078330500	6078430500
600	600,0	119,3				6078330600	6078430600
700	700,0	139,2				6078330700	6078430700
800	800,0	159,1				6078330800	6078430800
900	900,0	179,0				6078330900	6078430900
1000	1000,0	198,9				6078331000	6078431000



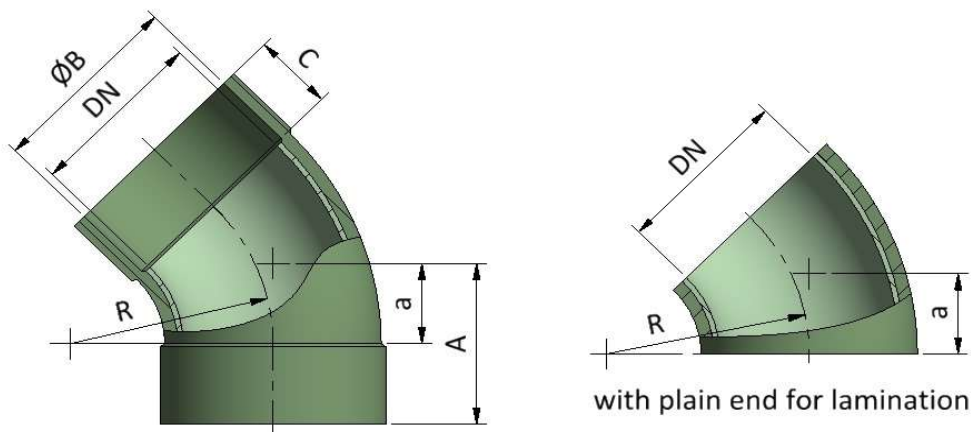
with plain end for lamination

Elbow 30°, R=1D with 2,5mm Chemical Resistance Liner

Fiberchem

Type GRVE-CS/GRE-CS, PN10

DN (mm)	R (mm)	a (mm)	A (mm)	ØB (mm)	C (mm)	Art. N° GRVE-CS	Art. N° GRE-CS
25	See R=1,5D						
40							
50							
65							
80							
100	100,0	26,8	69,3	108,8	40	6093340100	6093440100
125	125,0	33,5	86,0	134,6	50	6093340125	6093440125
150	150,0	40,2	82,7	158,8	40	6093330150	6093430150
200	200,0	53,6	106,1	209,6	50	6093330200	6093430200
250	250,0	67,0	134,5	260,4	65	6093330250	6093430250
300	300,0	80,4	157,9	312,0	75	6093330300	6093430300
350	350,0	93,8	186,3	363,6	90	6093330350	6093430350
400	400,0	107,2	Elbow with plain ends for lamination			6073330400	6073430400
450	450,0	120,6				6073330450	6073430450
500	500,0	134,0				6073330500	6073430500
600	600,0	160,8				6073330600	6073430600
700	700,0	187,6				6073330700	6073430700
800	800,0	214,4				6073330800	6073430800
900	900,0	241,2				6073330900	6073430900
1000	1000,0	267,9				6073331000	6073431000

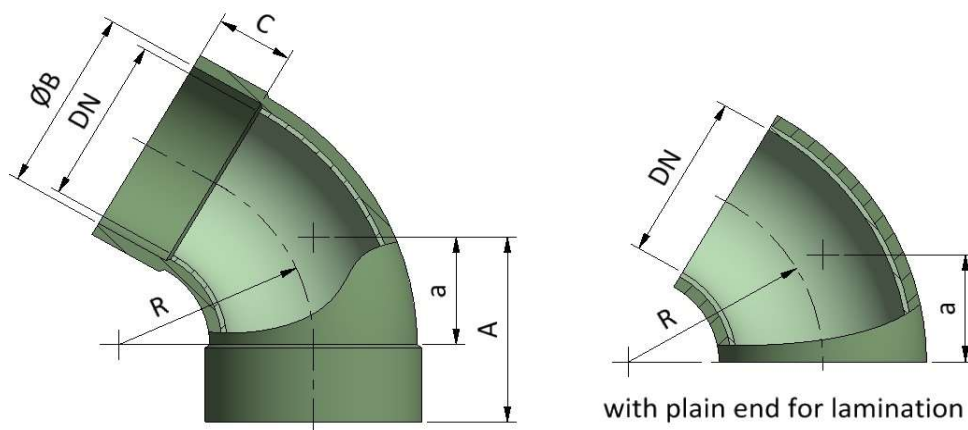


Elbow 45°, R=1D with 2,5mm Chemical Resistance Liner

Fiberchem

Type GRVE-CS/GRE-CS, PN10

DN (mm)	R (mm)	a (mm)	A (mm)	ØB (mm)	C (mm)	Art. N° GRVE-CS	Art. N° GRE-CS
25	See R=1,5D						
40							
50							
65							
80							
100	100,0	41,4	83,9	108,8	40	6092340100	6092440100
125	125,0	51,8	104,3	134,6	50	6092340125	6092440125
150	150,0	62,1	104,6	158,8	40	6092330150	6092430150
200	200,0	82,8	135,3	209,6	50	6092330200	6092430200
250	250,0	103,6	171,1	260,4	65	6092330250	6092430250
300	300,0	124,3	201,8	312,0	75	6092330300	6092430300
350	350,0	145,0	237,5	363,6	90	6092330350	6092430350
400	400,0	165,7	Elbow with plain ends for lamination			6072330400	6072430400
450	450,0	186,4				6072330450	6072430450
500	500,0	207,1				6072330500	6072430500
600	600,0	248,5				6072330600	6072430600
700	700,0	289,9				6072330700	6072430700
800	800,0	331,4				6072330800	6072430800
900	900,0	372,8				6072330900	6072430900
1000	1000,0	414,2				6072331000	6072431000

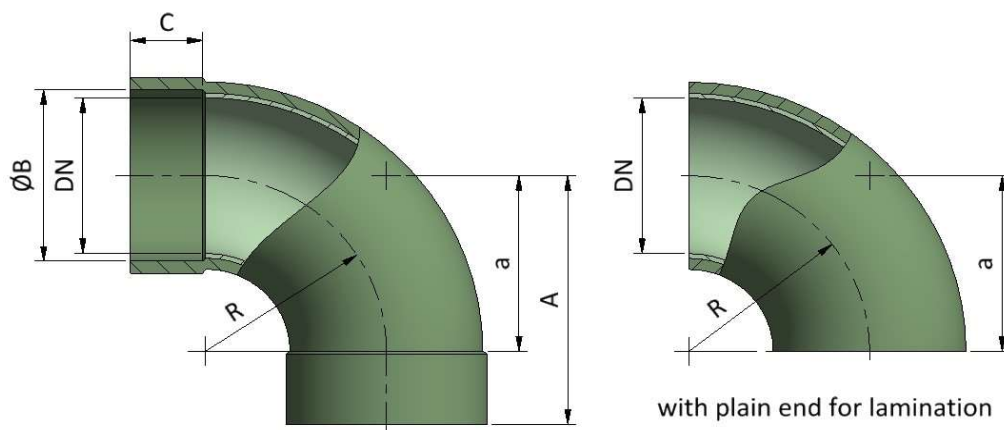


Elbow 60°, R=1D with 2,5mm Chemical Resistance Liner

Fiberchem

Type GRVE-CS/GRE-CS, PN10

DN (mm)	R (mm)	a (mm)	A (mm)	ØB (mm)	C (mm)	Art. N° GRVE-CS	Art. N° GRE-CS
25	See R=1,5D						
40							
50							
65							
80							
100	100	57,7	100,2	108,8	40	6096340100	6096440100
125	125	72,2	124,7	134,6	50	6096340125	6096440125
150	150	86,6	129,1	158,8	40	6096330150	6096430150
200	200	115,5	168,0	209,6	50	6096330200	6096430200
250	250	144,3	211,8	260,4	65	6096330250	6096430250
300	300	173,2	250,7	312,0	75	6096330300	6096430300
350	350	202,1	294,6	363,6	90	6096330350	6096430350
400	400	230,9	Elbow with plain ends for lamination			6076330400	6076430400
450	450	259,8				6076330450	6076430450
500	500	288,7				6076330500	6076430500
600	600	346,4				6076330600	6076430600
700	700	404,1				6076330700	6076430700
800	800	461,9				6076330800	6076430800
900	900	519,6				6076330900	6076430900
1000	1000	577,4				6076331000	6076431000

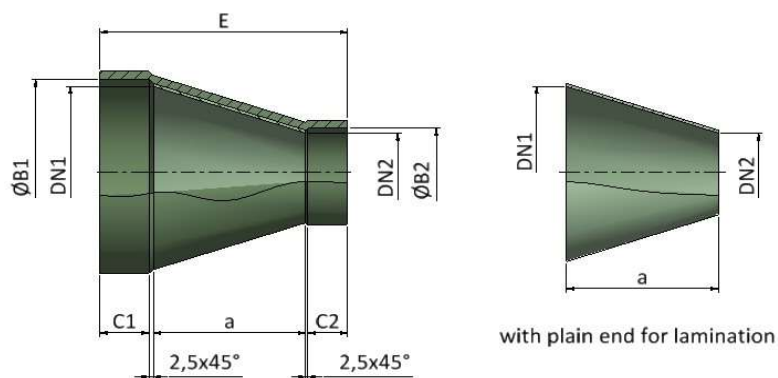


Elbow 90°, R=1D with 2,5mm Chemical Resistance Liner

Fiberchem

Type GRVE-CS/GRE-CS, PN10

DN (mm)	R (mm)	a (mm)	A (mm)	ØB (mm)	C (mm)	Art. N° GRVE-CS	Art. N° GRE-CS
25	See R=1,5D						
40							
50							
65							
80							
100	100	100	142,5	108,8	40	6091340100	6091440100
125	125	125	177,5	134,6	50	6091340125	6091440125
150	150	150	192,5	158,8	40	6091330150	6091430150
200	200	200	252,5	209,6	50	6091330200	6091430200
250	250	250	317,5	260,4	65	6091330250	6091430250
300	300	300	377,5	312,0	75	6091330300	6091430300
350	350	350	442,5	363,6	90	6091330350	6091430350
400	400	400	Elbow with plain ends for lamination			6071330400	6071430400
450	450	450				6071330450	6071430450
500	500	500				6071330500	6071430500
600	600	600				6071330600	6071430600
700	700	700				6071330700	6071430700
800	800	800				6071330800	6071430800
900	900	900				6071330900	6071430900
1000	1000	1000				6071331000	6071431000

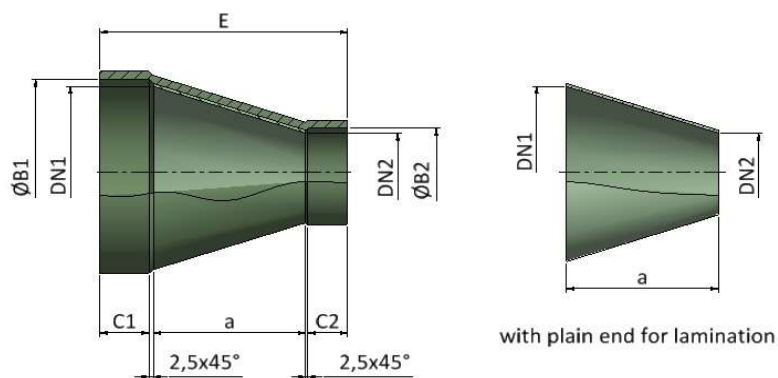


Reducer Concentric with 2,5mm Chemical Resistance Liner

Fiberchem

Type GRVE-CS/GRE-CS, PN10

DN1 (mm)	DN2 (mm)	E (mm)	a (mm)	øB1 (mm)	C1 (mm)	øB2 (mm)	C2 (mm)	Art. N° GRVE	Art. N° GRE
40	25	92,5	37,5	47,2	25	32,2	25	6023340041	6023440041
50	25	117,5	62,5	58,0	25	32,2	25	6023340052	6023440052
50	40	80,0	25,0	58,0	25	47,2	25	6023340051	6023440051
65	25	155,0	100,0	73,0	25	32,2	25	6023340068	6023440068
65	40	117,5	62,5	73,0	25	47,2	25	6023340067	6023440067
65	50	92,5	37,5	73,0	25	58,0	25	6023340066	6023440066
80	40	165,0	100,0	88,8	35	47,2	25	6023340083	6023440083
80	50	140,0	75,0	88,8	35	58,0	25	6023340082	6023440082
80	65	102,5	37,5	88,8	35	73,0	25	6023340081	6023440081
100	50	195,0	125,0	108,8	40	58,0	25	6023340103	6023440103
100	65	157,5	87,5	108,8	40	73,0	25	6023340102	6023440102
100	80	130,0	50,0	108,8	40	88,8	35	6023340101	6023440101
125	65	230,0	150,0	134,6	50	73,0	25	6023340128	6023440128
125	80	202,5	112,5	134,6	50	88,8	35	6023340127	6023440127
125	100	157,5	62,5	134,6	50	108,8	40	6023340126	6023440126
150	80	255,0	175,0	158,8	40	88,8	35	6023330153	6023430153
150	100	210,0	125,0	158,8	40	108,8	40	6023330152	6023430152
150	125	157,5	62,5	158,8	40	134,6	50	6023330151	6023430151
200	100	345,0	250,0	209,6	50	108,8	40	6023330203	6023430203
200	125	292,5	187,5	209,6	50	134,6	50	6023330202	6023430202
200	150	220,0	125,0	209,6	50	158,8	40	6023330201	6023430201
250	125	432,5	312,5	260,4	65	134,6	50	6023330253	6023430253
250	150	360,0	250,0	260,4	65	158,8	40	6023330252	6023430252
250	200	245,0	125,0	260,4	65	209,6	50	6023330251	6023430251



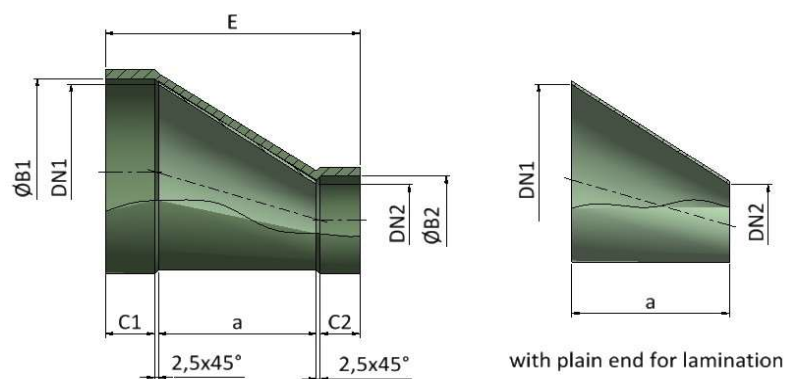
Reducer Concentric with 2,5mm Chemical Resistance Liner

Fiberchem

Type GRVE-CS/GRE-CS, PN10

DN1 (mm)	DN2 (mm)	E (mm)	a (mm)	øB1 (mm)	C1 (mm)	øB2 (mm)	C2 (mm)	Art. N° GRVE	Art. N° GRE
350	200	520,0	375	363,6	90	209,6	50	6023330353	6023430353
350	250	410,0	250	363,6	90	260,4	65	6023330352	6023430352
350	300	295,0	125	363,6	90	312,0	75	6023330351	6023430351
400	250	---	375	Reducer with plain ends for lamination				7094330403	7094430403
400	300	---	250					7094130402	7094430402
400	350	---	125					7094330401	7094430401
450	300	---	375					7094330453	7094430453
450	350	---	250					7094330452	7094430452
450	400	---	125					7094330451	7094430451
500	350	---	375					7094330503	7094430503
500	400	---	250					7094330502	7094430502
500	450	---	125					7094330501	7094430501
600	400	---	500					7094330603	7094430603
600	450	---	375					7094330602	7094430602
600	500	---	250					7094330601	7094430601
700	400	---	750					7094330703	7094430703
700	500	---	500					7094330702	7094430702
700	600	---	250					7094330701	7094430701
800	500	---	750					7094330803	7094430803
800	600	---	500					7094330802	7094430802
800	700	---	250					7094330801	7094430801
900	600	---	750					7094330903	7094430903
900	700	---	500					7094330902	7094430902
900	800	---	250					7094330901	7094430901
1000	700	---	750					7094331003	7094431003
1000	800	---	500					7094331002	7094431002
1000	900	---	250					7094331001	7094431001

Other dimensions and details are available upon request

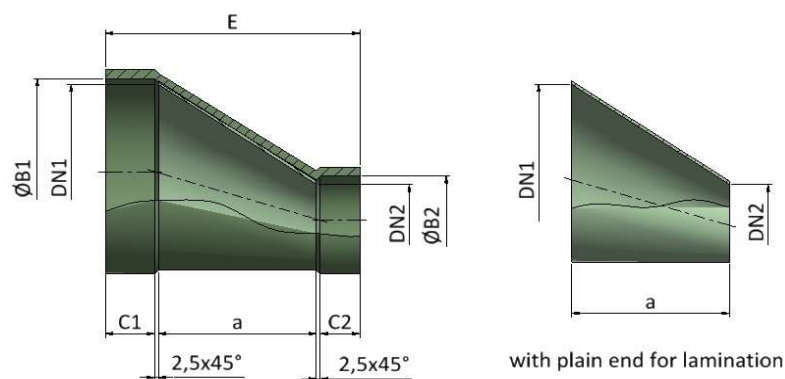


Reducer Eccentric with 2,5mm Chemical Resistance Liner

Fiberchem

Type GRVE-CS/GRE-CS, PN10

DN1 (mm)	DN2 (mm)	E (mm)	a (mm)	øB1 (mm)	C1 (mm)	øB2 (mm)	C2 (mm)	Art. N° GRVE	Art. N° GRE
40	25	92,5	37,5	47,2	25	32,2	25	6024340041	6024440041
50	25	117,5	62,5	58,0	25	32,2	25	6024340052	6024440052
50	40	80,0	25,0	58,0	25	47,2	25	6024340051	6024440051
65	25	155,0	100,0	73,0	25	32,2	25	6024340068	6024440068
65	40	117,5	62,5	73,0	25	47,2	25	6024340067	6024440067
65	50	92,5	37,5	73,0	25	58,0	25	6024340066	6024440066
80	40	165,0	100,0	88,8	35	47,2	25	6024340083	6024440083
80	50	140,0	75,0	88,8	35	58,0	25	6024340082	6024440082
80	65	102,5	37,5	88,8	35	73,0	25	6024340081	6024440081
100	50	195,0	125,0	108,8	40	58,0	25	6024340103	6024440103
100	65	157,5	87,5	108,8	40	73,0	25	6024340102	6024440102
100	80	130,0	50,0	108,8	40	88,8	35	6024340101	6024440101
125	65	230,0	150,0	134,6	50	73,0	25	6024340128	6024440128
125	80	202,5	112,5	134,6	50	88,8	35	6024340127	6024440127
125	100	157,5	62,5	134,6	50	108,8	40	6024340126	6024440126
150	80	255,0	175,0	158,8	40	88,8	35	6024330153	6024430153
150	100	210,0	125,0	158,8	40	108,8	40	6024330152	6024430152
150	125	157,5	62,5	158,8	40	134,6	50	6024330151	6024430151
200	100	345,0	250,0	209,6	50	108,8	40	6024330203	6024430203
200	125	292,5	187,5	209,6	50	134,6	50	6024330202	6024430202
200	150	220,0	125,0	209,6	50	158,8	40	6024330201	6024430201
250	125	432,5	312,5	260,4	65	134,6	50	6024330253	6024430253
250	150	360,0	250,0	260,4	65	158,8	40	6024330252	6024430252
250	200	245,0	125,0	260,4	65	209,6	50	6024330251	6024430251



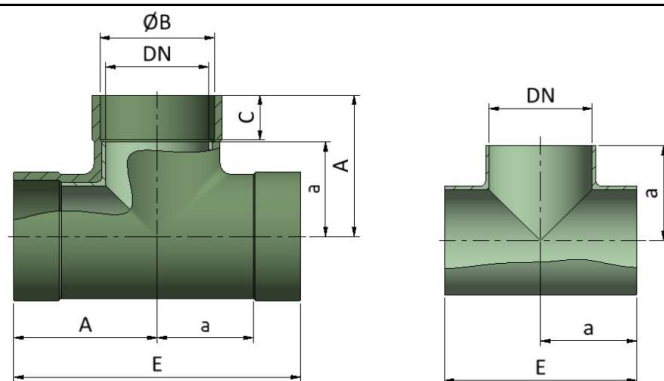
Reducer Eccentric with 2,5mm Chemical Resistance Liner

Fiberchem

Type GRVE-CS/GRE-CS, PN10

DN1 (mm)	DN2 (mm)	E (mm)	a (mm)	øB1 (mm)	C1 (mm)	øB2 (mm)	C2 (mm)	Art. N° GRVE	Art. N° GRE
350	200	520,0	375	363,6	90	209,6	50	6024330353	6024430353
350	250	410,0	250	363,6	90	260,4	65	6024330352	6024430352
350	300	295,0	125	363,6	90	312,0	75	6024330351	6024430351
400	250	---	375	Reducer with plain ends for lamination				7095330403	7095430403
400	300	---	250					7095330402	7095430402
400	350	---	125					7095330401	7095430401
450	300	---	375					7095330453	7095430453
450	350	---	250					7095330452	7095430452
450	400	---	125					7095330451	7095430451
500	350	---	375					7095330503	7095430503
500	400	---	250					7095330502	7095430502
500	450	---	125					7095330501	7095430501
600	400	---	500					7095330603	7095430603
600	450	---	375					7095330602	7095430602
600	500	---	250					7095330601	7095430601
700	400	---	750					7095330703	7095430703
700	500	---	500					7095330702	7095430702
700	600	---	250					7095330701	7095430701
800	500	---	750					7095330803	7095430803
800	600	---	500					7095330802	7095430802
800	700	---	250					7095330801	7095430801
900	600	---	750					7095330903	7095430903
900	700	---	500					7095330902	7095430902
900	800	---	250					7095330901	7095430901
1000	700	---	750					7095331003	7095431003
1000	800	---	500					7095331002	7095431002
1000	900	---	250					7095331001	7095431001

Other dimensions and details are available upon request



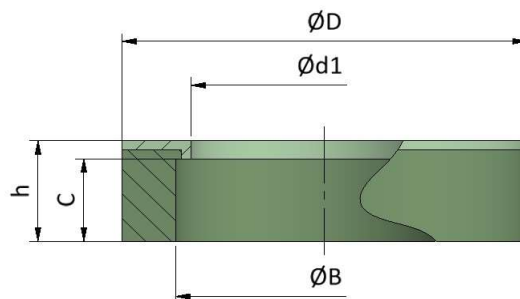
with plain end for lamination

T-Piece with 2,5mm Chemical Resistance Liner

Fiberchem

Type GRVE-CS/GRE-CS, PN10

DN (mm)	E (mm)	a (mm)	A (mm)	ØB (mm)	C (mm)	Art. N° GRVE-CS	Art. N° GRE-CS
25	130	38	65	32,2	25	6034340025	6034440025
40	150	48	75	47,2	25	6034340040	6034440040
50	170	58	85	58,0	25	6034340050	6034440050
65	190	68	95	73,0	25	6034340065	6034440065
80	230	78	115	88,8	35	6034340080	6034440080
100	270	93	135	108,8	40	6034340100	6034440100
125	320	108	160	134,6	50	6034340125	6034440125
150	346	131	173	158,8	40	6034330150	6034430150
200	644	270	322	209,6	50	6034330200	6034430200
250	732	299	366	260,4	65	6034330250	6034430250
300	858	352	429	312,0	75	6034330300	6034430300
350	1040	428	520	363,6	90	6034330350	6034430350
400	1140	570	T-Piece with plain ends for lamination connection			6054330400	6054430400
450	1280	640				6054330450	6054430450
500	1370	685				6054330500	6054430500
600	1612	806				6054330600	6054430600
700	1854	927				6054330700	6054430700
800	2088	1044				6054330800	6054430800
900	2410	1205				6054330900	6054430900
1000	2700	1350				6054331000	6054431000

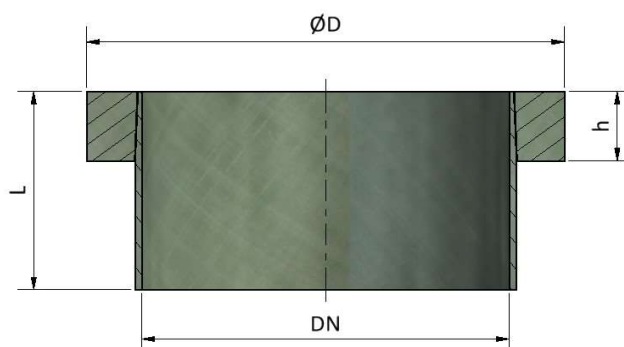


Collar with 2,5mm Chemical Resistance Liner

Fiberchem

Type GRE-CS, PN10

DN (mm)	ød1 (mm)	øD (mm)	h (mm)	øB (mm)	C (mm)	Art. N° GRE-CS
25	25	68	25	32,2	20	6021440025
40	40	88	25	47,2	20	6021440040
50	50	102	30	58,0	25	6021440050
65	65	122	30	73,0	25	6021440065
80	80	138	35	88,8	30	6021440080
100	100	158	45	108,8	40	6021440100
125	125	188	45	134,6	40	6021440125
150	150	212	50	159,0	45	6021430150
200	200	268	60	209,0	55	6021430200
250	250	320	65	260,0	60	6021430250
300	300	370	75	313,0	70	6021430300
350	350	430	95	363,6	85	6021430350

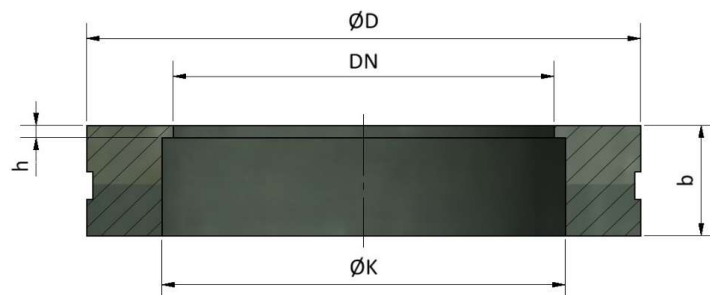


Collar with 2,5mm Chemical Resistance Liner

Fiberchem

Type GRE-CS

DN (mm)	øD (mm)	h (mm)	L (mm)	Art. N° GRE-CS
400	482	95	300	7098430400
450	532	105	300	7098430450
500	585	115	400	7098430500
600	685	135	500	7098430600
700	800	140	1000	7098430700
800	905	150	1000	7098430800
900	1005	180	1000	7098430900
1000	1110	235	1000	7098431000



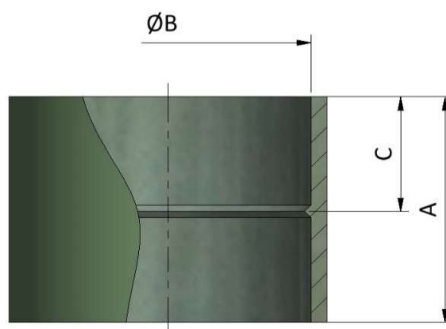
Fibertaulic Collar with 2,5mm Chemical Resistance Liner

Fiberchem

Type GRE-CS

DN (mm)	ØD (mm)	b (mm)	ØK (mm)	h (mm)	Art. N°
40	59,7	36	47,0	5	6020440040
50	72,3	30	57,4	5	6020440050
65	88,1	30	73,0	5	6020440065
80	114,3	35	88,2	5	6020440080
100	140,5	45	109,0	5	6020440100
125	167,5	45	134,0	5	6020440125
150	218,3	50	159,0	5	6020430150
200	272,2	60	209,0	5	6020430200
250	323,9	65	260,0	5	6020430250
300	354,8	75	313,0	5	6020430300
350	405,6	85	363,6	10	6020430350

Other dimensions are available upon request



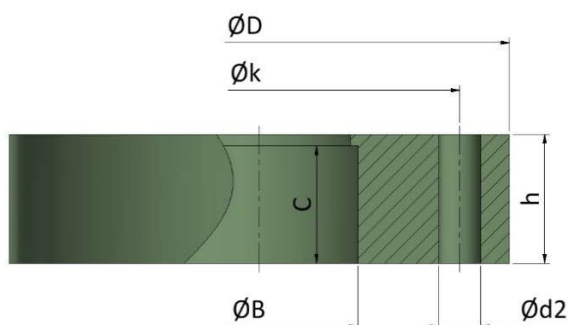
Coupling with 2,5mm Chemical Resistance Liner

Fiberchem

Type GRVE-CS/GRE-CS, PN10

DN (mm)	A (mm)	ØB (mm)	C (mm)	Art. N° GRVE-CS	Art. N° GRE-CS
25	55,0	32,2	25,0	6022340025	6022440025
40	55,0	47,2	25,0	6022340040	6022440040
50	55,0	58,0	25,0	6022340050	6022440050
65	55,0	73,0	25,0	6022340065	6022440065
80	75,0	88,8	35,0	6022340080	6022440080
100	85,0	108,8	40,0	6022340100	6022440100
125	105,0	134,6	50,0	6022340125	6022440125
150	85,0	158,8	40,0	6022330150	6022430150
200	105,0	209,6	50,0	6022330200	6022430200
250	135,0	260,4	65,0	6022330250	6022430250
300	155,0	312,0	75,0	6022330300	6022430300
350	185,0	363,6	90,0	6022330350	6022430350
400	Butt lamination with pipe plain end				
450					
500					
600					
700					
800					
900					
1000					

Other dimensions are available upon request



Heavy Duty Flange, DIN with 2,5mm Chemical Resistance Liner

Fiberchem

Type GRE-CS

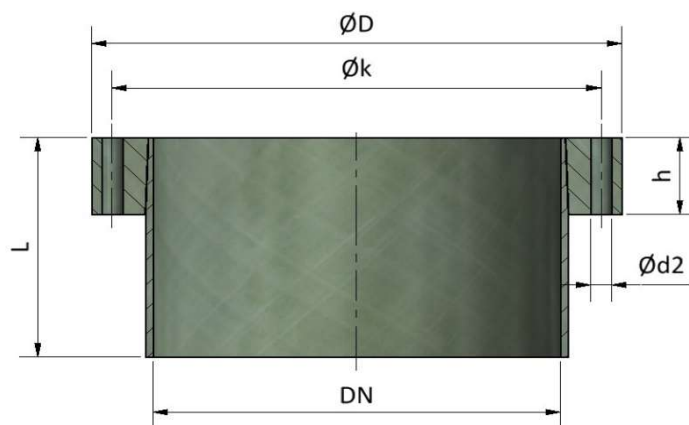
Drilled according to PN16

DN (mm)	ØD (mm)	h (mm)	Øk (mm)	ØB (mm)	C (mm)	N° of holes	Ød2 (mm)	Art. N° GRE
25	115	40	85	32,0	35	4	14	7027440025
40	150	40	110	47,0	35	4	18	7027440040
50	165	40	125	57,5	35	4	18	7027440050
65	185	40	145	73,0	35	4	18	7027440065
80	200	40	160	88,2	35	8	18	7027440080
100	220	55	180	109,0	50	8	18	7027440100
125	250	55	210	134,0	50	8	18	7027440125

Drilled according to PN10

DN (mm)	ØD (mm)	h (mm)	Øk (mm)	ØB (mm)	C (mm)	N° of holes	Ød2 (mm)	Art. N° GRE
150	285	55	240	159,0	50	8	22	7027430150
200	340	55	295	209,0	50	8	22	7027430200
250	395	75	350	260,0	70	12	22	7027430250
300	445	75	400	313,0	70	12	22	7027430300
350	505	95	460	363,6	85	16	22	7027430350

Flanges in other dimensions according to ANSI and JIS are available upon request



Heavy Duty Flange, DIN with 2,5mm Chemical Resistance Liner

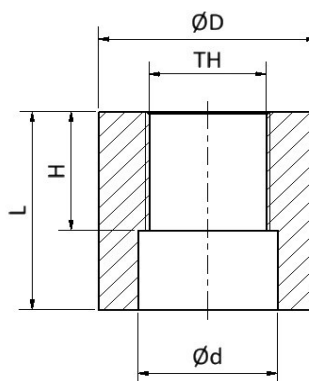
Fiberchem

Type GRE-CS

Drilled according to PN10

DN (mm)	øD (mm)	h (mm)	øk (mm)	N° of holes	ød2 (mm)	L (mm)	Art. N° GRE
400	565	105	515	16	26	300	7027430400
450	615	115	565	20	26	300	7027430450
500	670	125	620	20	26	400	7027430500
600	780	135	725	20	30	500	7027430600
700	895	140	840	24	30	500	7027430700
800	1015	150	950	24	33	600	7027430800
900	1115	200	1050	28	33	650	7027430900
1000	1230	235	1160	28	36	710	7027431000

Flanges in other dimensions according to ANSI and JIS are available upon request

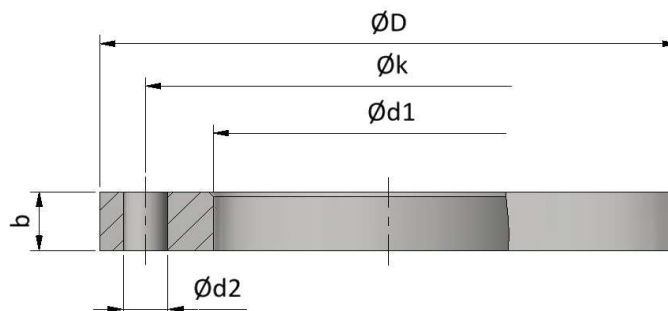


Threaded Sleeve

Fiberchem

Type GRE, PN16

TH (mm)	$\varnothing d$ (mm)	$\varnothing D$ (mm)	H (mm)	L (mm)	Art. N°
G1/4"	25	65	35	55	50899065
G1/2"	25	65	35	55	50899062
G 3/4"	30	70	55	75	50899063
G1"	40	80	55	75	50899064
G1 1/4"	50	90	55	75	50899067
G1 1/2"	55	95	80	100	50899068
G2"	65	105	80	100	50899066



Steel Loose Flange

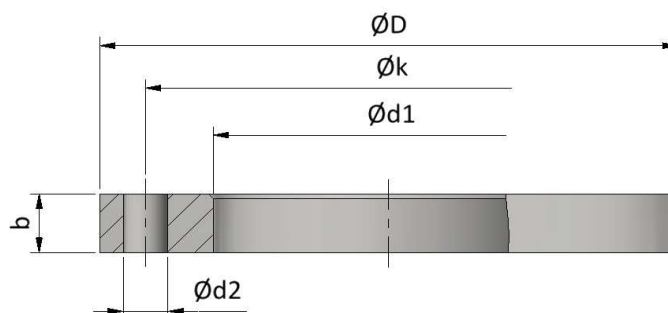
Fiberchem

DN25-DN350: DIN2642, Type 2, PN16

DN400-DN1000: DIN2673, Type 4, PN16

DN (mm)	ØD (mm)	Ød1 (mm)	b (mm)	Øk (mm)	N° of holes	Bolt size	Ød2 (mm)	Art. N°
25	115	36,0	16	85	4	M12	14	11641025
40	150	54,0	16	110	4	M16	18	11641040
50	165	65,0	16	125	4	M16	18	11641050
65	185	81,0	16	145	4	M16	18	11641065
80	200	94,0	18	160	8	M16	18	11641080
100	220	119,0	18	180	8	M16	18	11641100
125	250	144,0	18	210	8	M16	18	11641125
150	285	173,0	18	240	8	M20	22	11641150
200	340	222,0	20	295	12	M20	22	11642200
250	405	273,0	24	355	12	M24	26	11642250
300	460	324,0	28	410	12	M24	26	11642300
350	520	374,0	32	470	16	M24	26	11642350
400	580	426,0	36	525	16	M27	30	11642400
450	640	477,0	40	585	20	M27	30	11642450
500	715	522,0	44	650	20	M30	33	11642500
600	840	633,0	48	770	20	M33	36	11642600
700	910	740,0	50	840	24	M33	36	11642700
800	1025	843,0	56	950	24	M36	39	11642800

Flanges in other dimensions according to ANSI and JIS are available upon request



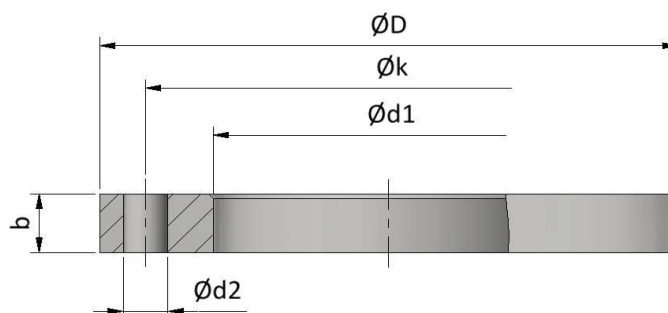
Steel Loose Flange

Fiberchem

DN200-DN1000: DIN2673, Type 4, PN10

DN (mm)	ØD (mm)	Ød1 (mm)	b (mm)	Øk (mm)	N° of holes	Bolt size	Ød2 (mm)	Art. N°
200	340	225	20	295	8	M20	22	11641200
250	395	279	22	350	12	M20	22	11641250
300	445	320	26	400	12	M20	22	11641300
350	505	374	28	460	16	M20	22	11641350
400	565	426	32	515	16	M24	26	11641400
450	615	472	34	565	20	M24	26	11641450
500	670	533	34	620	20	M24	26	11641500
600	780	633	36	725	20	M27	30	11641600
700	895	740	36	840	24	M27	30	11641700
800	1015	843	38	950	24	M30	33	11641800
900	1115	947	42	1050	28	M30	33	11641900
1000	1230	1050	42	1160	28	M33	36	116411000
1200	1485	1250	48	1390	32	M36	38	116411200

Flanges in other dimensions according to ANSI and JIS are available upon request



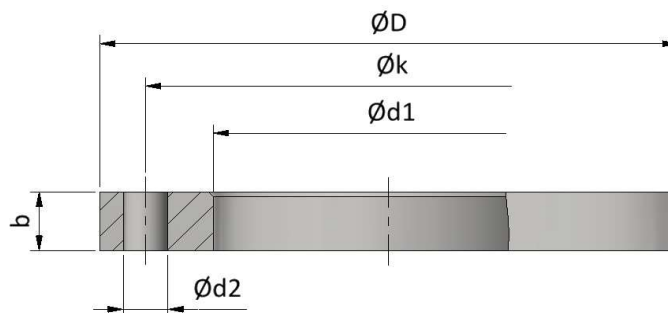
PP-Steel Loose Flange

Fiberchem

DIN, PN16

DN (mm)	ØD (mm)	Ød1 (mm)	b (mm)	Øk (mm)	N° of holes	Bolt size	Ød2 (mm)	Art. N°
25	115	42	17	85	14	4	M12	2578250025
40	150	62	17	110	18	4	M16	2578250040
50	165	78	17	125	18	4	M16	2578250050
65	187	92	17	145	18	4	M16	2578250065
80	202	108	18	160	18	8	M16	2578250080
100	220	128	20	180	18	8	M16	2578250100
125	250	158	21	210	18	8	M16	2578250125
150	285	178	23	240	22	8	M20	2578250150

Flanges in other dimensions or according to other standards are available upon request



PP-Steel Loose Flange

Fiberchem

DIN, PN10

DN (mm)	ØD (mm)	Ød1 (mm)	b (mm)	Øk (mm)	N° of holes	Bolt size	Ød2 (mm)	Art. N°
200	341	235	24	295	22	8	M20	2578250200
250	406	288	30	350	22	12	M20	2578250250
300	460	338	34	400	22	12	M20	2578250300
350	520	376	42	460	22	16	M20	2578250350
400	580	430	46	515	26	16	M24	2578250400
500	684	533	45	620	26	20	M24	2578250500
600	788	645	50	725	30	20	M27	2578250600

Flanges in other dimensions or according to other standards are available upon request