



Made in Germany
with over 60 years
of experience

PRODUCT TECHNICAL DATA SHEET

Fiberindustry PN10

INDUSTRY

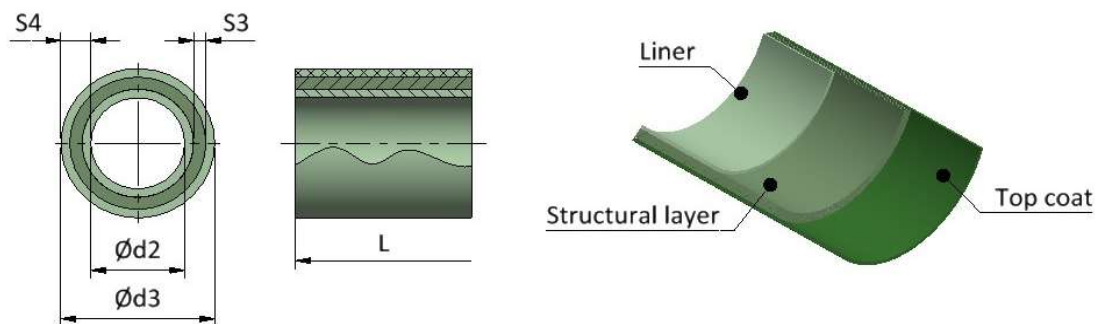
POWER PLANTS

MARINE & OFFSHORE

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Pipe with 0,5mm Chemical Resistance Liner

Fiberindustry

Type GRVE/GRE, PN10

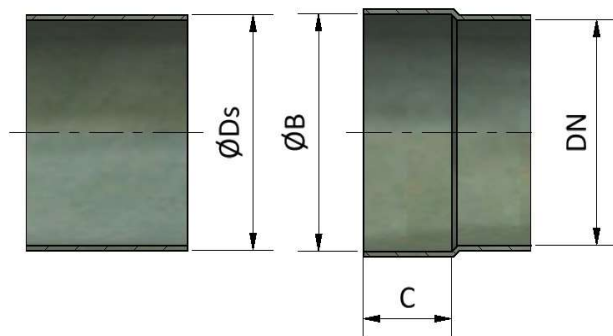
Pipes delivery length

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	1,6	2,4	29,8	0,5	0,4	6011140025	6011240025
40	6.000	1,6	2,4	44,8	1,3	0,6	6011140040	6011240040
50	6.000	1,6	2,4	54,8	2,0	0,7	6011140050	6011240050
65	6.000	1,6	2,4	69,8	3,3	0,9	6011140065	6011240065
80	6.000	1,6	2,4	84,8	5,0	1,1	6011140080	6011240080
100	10.000	1,6	2,4	104,8	7,9	1,4	6011140100	6011240100
125	10.000	2,0	2,8	130,6	12,3	2,0	6011140125	6011240125
150	10.000	1,6	2,4	154,8	17,7	2,1	6011130150	6011230150
200	10.000	2,0	2,8	205,6	31,4	3,2	6011130200	6011230200
250	10.000	2,4	3,2	256,4	49,1	4,6	6011130250	6011230250
300	10.000	3,2	4,0	308,0	70,7	6,9	6011130300	6011230300
350	10.000	4,0	4,8	359,6	96,2	9,6	6011130350	6011230350
400	10.000	4,0	4,8	409,6	125,7	11,0	6014130400	6014230400
450	10.000	4,8	5,6	461,2	159,0	14,4	6014130450	6014230450
500	10.000	4,8	5,6	511,2	196,3	16,0	6014130500	6014230500
600	10.000	5,6	6,4	612,8	282,7	21,9	6014130600	6014230600
700	10.000	6,4	7,2	714,4	384,8	28,8	6014130700	6014230700
800	10.000	7,2	8,0	816,0	502,7	36,6	6014130800	6014230800
900	10.000	8,0	8,8	917,6	636,2	45,2	6014130900	6014230900
1000	10.000	9,6	10,4	1020,8	785,4	59,4	6014131000	6014231000
1200	10.000	11,2	12,0	1224,0	1131,0	82,2	6014131200	6014231200



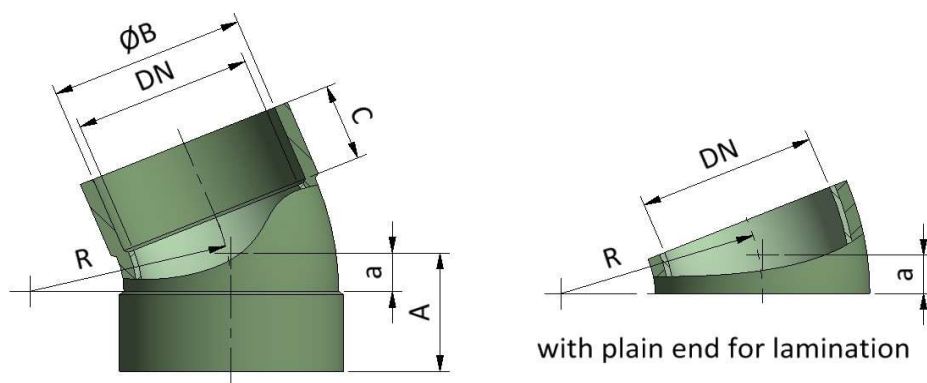
Bell & spigot with 0,5mm Chemical Resistance Liner

Fiberindustry

Type GRVE/GRE, PN10

DN (mm)	ØDs (mm)	ØB (mm)	C (mm)
25	29,8	30,4	25
40	44,8	45,4	25
50	54,8	55,4	25
65	69,8	70,4	25
80	84,8	85,4	35
100	104,8	105,4	40
125	130,6	131,2	50
150	154,8	155,4	40
200	205,6	206,2	50
250	256,4	257,0	65
300	308,0	308,6	75
350	359,6	360,2	90
400	409,6	410,2	---
450	461,2	461,8	---
500	511,2	511,8	---
600	612,8	613,4	---
700	714,4	715,0	---
800	816,0	816,6	---
900	917,6	918,2	---
1000	1020,8	1021,4	---

Other dimensions are available upon request

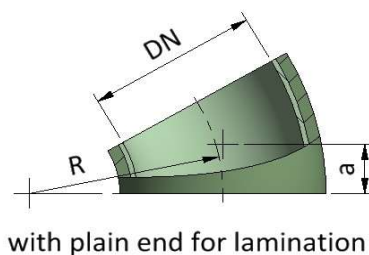
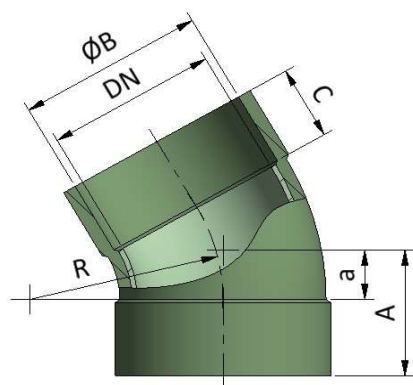


Elbow 22,5°, R=1,5D with 0,5mm Chemical Resistance Liner

Fiberindustry

Type GRVE/GRE, PN10

DN (mm)	R (mm)	a (mm)	A (mm)	øB (mm)	C (mm)	Art. N° GRVE	Art. N° GRE
25	37,5	7,5	35,0	29,8	25	6038140025	6038240025
40	60,0	11,9	39,4	44,8	25	6038140040	6038240040
50	75,0	14,9	42,4	54,8	25	6038140050	6038240050
65	97,5	19,4	46,9	69,8	25	6038140065	6038240065
80	120,0	23,9	61,4	84,8	35	6038140080	6038240080
100	150,0	29,8	72,3	104,8	40	6038140100	6038240100
125	187,5	37,3	89,8	130,6	50	6038140125	6038240125
150	225,0	44,8	87,3	154,8	40	6038130150	6038230150
200	300,0	59,7	112,2	205,6	50	6038130200	6038230200
250	375,0	74,6	142,1	256,4	65	6038130250	6038230250
300	450,0	89,5	167,0	308,0	75	6038130300	6038230300
350	525,0	104,4	196,9	359,6	90	6038130350	6038230350
400	600,0	119,3	Elbow with plain ends for lamination			6058130400	6058230400
450	675,0	134,3				6058130450	6058230450
500	750,0	149,2				6058130500	6058230500
600	900,0	179,0				6058130600	6058230600
700	See R=1D		Elbow with plain ends for lamination			See R=1D	
800							
900							
1000							



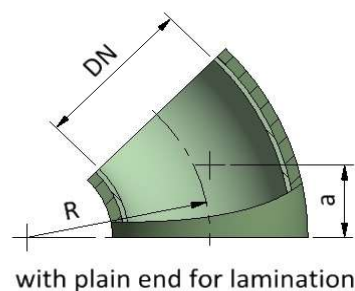
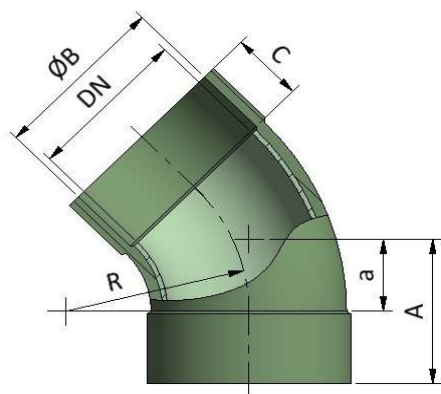
with plain end for lamination

Elbow 30°, R=1,5D with 0,5mm Chemical Resistance Liner

Fiberindustry

Type GRVE/GRE, PN10

DN (mm)	R (mm)	a (mm)	A (mm)	øB (mm)	C (mm)	Art. N° GRVE	Art. N° GRE
25	37,5	10,0	37,5	29,8	25	6033140025	6033240025
40	60,0	16,1	43,6	44,8	25	6033140040	6033240040
50	75,0	20,1	47,6	54,8	25	6033140050	6033240050
65	97,5	26,1	53,6	69,8	25	6033140065	6033240065
80	120,0	32,2	69,7	84,8	35	6033140080	6033240080
100	150,0	40,2	82,7	104,8	40	6033140100	6033240100
125	187,5	50,2	102,7	130,6	50	6033140125	6033240125
150	225,0	60,3	102,8	154,8	40	6033130150	6033230150
200	300,0	80,4	132,9	205,6	50	6033130200	6033230200
250	375,0	100,5	168,0	256,4	65	6033130250	6033230250
300	450,0	120,6	198,1	308,0	75	6033130300	6033230300
350	525,0	140,7	233,2	359,6	90	6033130350	6033230350
400	600,0	160,8	Elbow with plain ends for lamination			6053130400	6053230400
450	675,0	180,9				6053130450	6053230450
500	750,0	201,0				6053130500	6053230500
600	900,0	241,2				6053130600	6053230600
700	See R=1D		Elbow with plain ends for lamination			See R=1D	
800							
900							
1000							

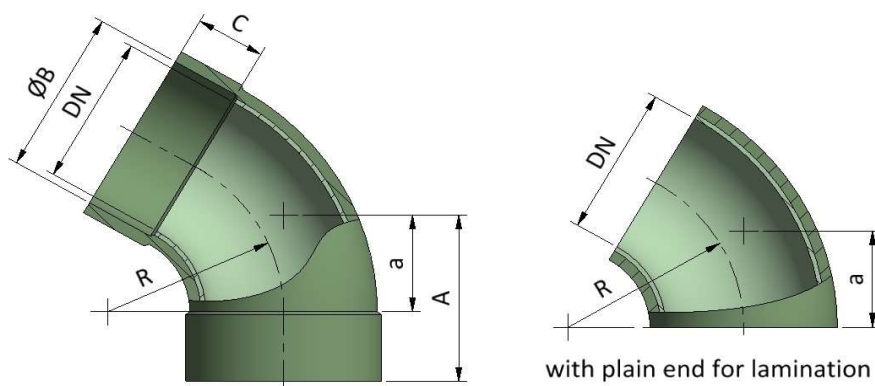


Elbow 45°, R=1,5D with 0,5mm Chemical Resistance Liner

Fiberindustry

Type GRVE/GRE, PN10

DN (mm)	R (mm)	a (mm)	A (mm)	øB (mm)	C (mm)	Art. N° GRVE	Art. N° GRE
25	37,5	15,5	43,0	29,8	25	6032140025	6032240025
40	60,0	24,9	52,4	44,8	25	6032140040	6032240040
50	75,0	31,1	58,6	54,8	25	6032140050	6032240050
65	97,5	40,4	67,9	69,8	25	6032140065	6032240065
80	120,0	49,7	87,2	84,8	35	6032140080	6032240080
100	150,0	62,1	104,6	104,8	40	6032140100	6032240100
125	187,5	77,7	130,2	130,6	50	6032140125	6032240125
150	225,0	93,2	135,7	154,8	40	6032130150	6032230150
200	300,0	124,3	176,8	205,6	50	6032130200	6032230200
250	375,0	155,3	222,8	256,4	65	6032130250	6032230250
300	450,0	186,4	263,9	308,0	75	6032130300	6032230300
350	525,0	217,5	310,0	359,6	90	6032130350	6032230350
400	600,0	248,5	Elbow with plain ends for lamination			6052130400	6052230400
450	675,0	279,6				6052130450	6052230450
500	750,0	310,7				6052130500	6052230500
600	900,0	372,8				6052130600	6052230600
700	See R=1D		Elbow with plain ends for lamination			See R=1D	
800							
900							
1000							

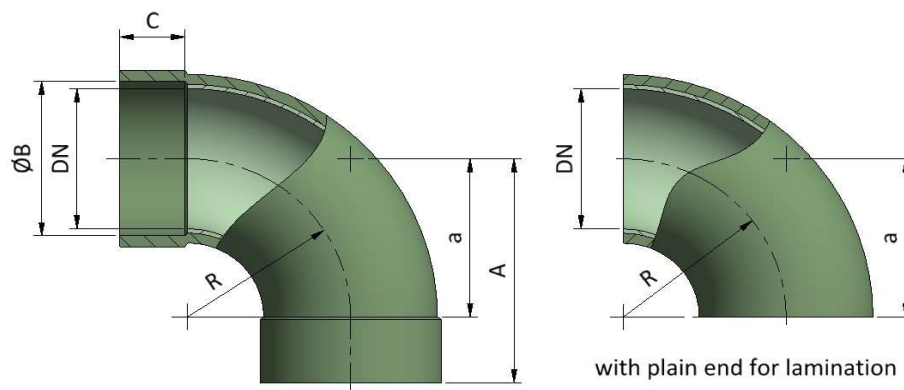


Elbow 60°, R=1,5D with 0,5mm Chemical Resistance Liner

Fiberindustry

Type GRVE/GRE, PN10

DN (mm)	R (mm)	a (mm)	A (mm)	øB (mm)	C (mm)	Art. N° GRVE	Art. N° GRE
25	37,5	21,7	49,2	29,8	25	6036140025	6036240025
40	60,0	34,6	62,1	44,8	25	6036140040	6036240040
50	75,0	43,3	70,8	54,8	25	6036140050	6036240050
65	97,5	56,3	83,8	69,8	25	6036140065	6036240065
80	120,0	69,3	106,8	84,8	35	6036140080	6036240080
100	150,0	86,6	129,1	104,8	40	6036140100	6036240100
125	187,5	108,3	160,8	130,6	50	6036140125	6036240125
150	225,0	129,9	172,4	154,8	40	6036130150	6036230150
200	300,0	173,2	225,7	205,6	50	6036130200	6036230200
250	375,0	216,5	284,0	256,4	65	6036130250	6036230250
300	450,0	259,8	337,3	308,0	75	6036130300	6036230300
350	525,0	303,1	395,6	359,6	90	6036130350	6036230350
400	600,0	346,4	Elbow with plain ends for lamination			6056130400	6056230400
450	675,0	389,7				6056130450	6056230450
500	750,0	433,0				6056130500	6056230500
600	900,0	519,6				6056130600	6056230600
700	See R=1D					See R=1D	
800							
900							
1000							

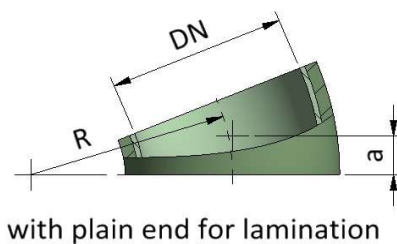
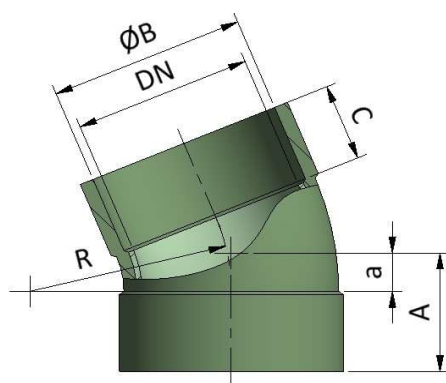


Elbow 90°, R=1,5D with 0,5mm Chemical Resistance Liner

Fiberindustry

Type GRVE/GRE, PN10

DN (mm)	R (mm)	a (mm)	A (mm)	øB (mm)	C (mm)	Art. N° GRVE	Art. N° GRE
25	37,5	37,5	65,0	29,8	25	6031140025	6031240025
40	60,0	60,0	87,5	44,8	25	6031140040	6031240040
50	75,0	75,0	102,5	54,8	25	6031140050	6031240050
65	97,5	97,5	125,0	69,8	25	6031140065	6031240065
80	120,0	120,0	157,5	84,8	35	6031140080	6031240080
100	150,0	150,0	192,5	104,8	40	6031140100	6031240100
125	187,5	187,5	240,0	130,6	50	6031140125	6031240125
150	225,0	225,0	267,5	154,8	40	6031130150	6031230150
200	300,0	300,0	352,5	205,6	50	6031130200	6031230200
250	375,0	375,0	442,5	256,4	65	6031130250	6031230250
300	450,0	450,0	527,5	308,0	75	6031130300	6031230300
350	525,0	525,0	617,5	359,6	90	6031130350	6031230350
400	600,0	600,0	Elbow with plain ends for lamination			6051130400	6051230400
450	675,0	675,0				6051130450	6051230450
500	750,0	750,0				6051130500	6051230500
600	900,0	900,0				6051130600	6051230600
700	See R=1D					See R=1D	
800							
900							
1000							

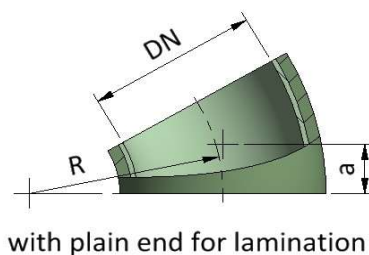
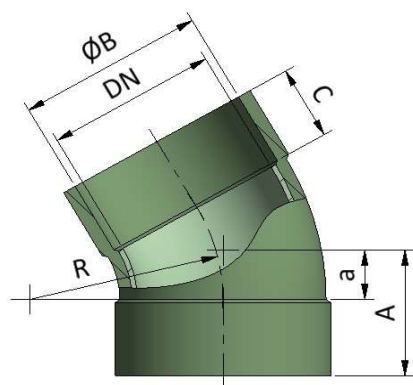


Elbow 22,5°, R=1D with 0,5mm Chemical Resistance Liner

Fiberindustry

Type GRVE/GRE, PN10

DN (mm)	R (mm)	a (mm)	A (mm)	øB (mm)	C (mm)	Art. N° GRVE	Art. N° GRE
25	See R=1,5D						
40							
50							
65							
80							
100	100,0	19,9	62,4	104,8	40	6098140100	6098240100
125	125,0	24,9	77,4	130,6	50	6098140125	6098240125
150	150,0	29,8	72,3	154,8	40	6098130150	6098230150
200	200,0	39,8	92,3	205,6	50	6098130200	6098230200
250	250,0	49,7	117,2	256,4	65	6098130250	6098230250
300	300,0	59,7	137,2	308,0	75	6098130300	6098230300
350	350,0	69,6	162,1	359,6	90	6098130350	6098230350
400	400,0	79,6	Elbow with plain ends for lamination			6078130400	6078230400
450	450,0	89,5				6078130450	6078230450
500	500,0	99,5				6078130500	6078230500
600	600,0	119,3				6078130600	6078230600
700	700,0	139,2				6078130700	6078230700
800	800,0	159,1				6078130800	6078230800
900	900,0	179,0				6078130900	6078230900
1000	1000,0	198,9				6078131000	6078231000



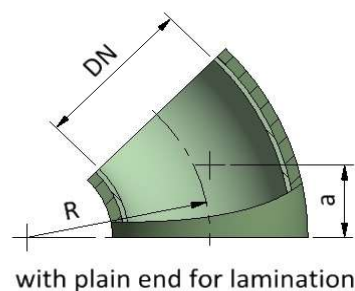
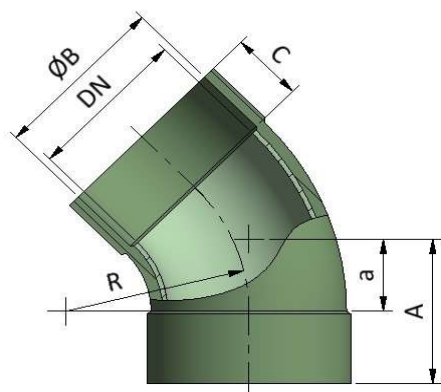
with plain end for lamination

Elbow 30°, R=1D with 0,5mm Chemical Resistance Liner

Fiberindustry

Type GRVE/GRE, PN10

DN (mm)	R (mm)	a (mm)	A (mm)	øB (mm)	C (mm)	Art. N° GRVE	Art. N° GRE
25	See R=1,5D						
40							
50							
65							
80							
100	100,0	26,8	69,3	104,8	40	6093140100	6093240100
125	125,0	33,5	86,0	130,6	50	6093140125	6093240125
150	150,0	40,2	82,7	154,8	40	6093130150	6093230150
200	200,0	53,6	106,1	205,6	50	6093130200	6093230200
250	250,0	67,0	134,5	256,4	65	6093130250	6093230250
300	300,0	80,4	157,9	308,0	75	6093130300	6093230300
350	350,0	93,8	186,3	359,6	90	6093130350	6093230350
400	400,0	107,2	Elbow with plain ends for lamination			6073130400	6073230400
450	450,0	120,6				6073130450	6073230450
500	500,0	134,0				6073130500	6073230500
600	600,0	160,8				6073130600	6073230600
700	700,0	187,6				6073130700	6073230700
800	800,0	214,4				6073130800	6073230800
900	900,0	241,2				6073130900	6073230900
1000	1000,0	267,9				6073131000	6073231000

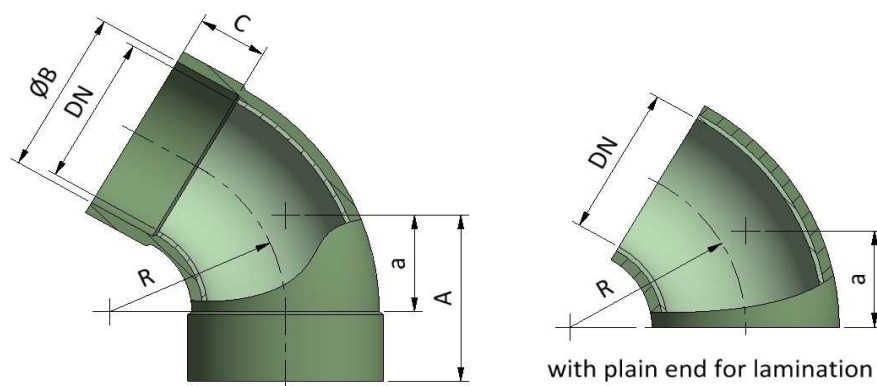


Elbow 45°, R=1D with 0,5mm Chemical Resistance Liner

Fiberindustry

Type GRVE/GRE, PN10

DN (mm)	R (mm)	a (mm)	A (mm)	øB (mm)	C (mm)	Art. N° GRVE	Art. N° GRE
25	See R=1,5D						
40							
50							
65							
80							
100	100,0	41,4	83,9	104,8	40	6092140100	6092240100
125	125,0	51,8	104,3	130,6	50	6092140125	6092240125
150	150,0	62,1	104,6	154,8	40	6092130150	6092230150
200	200,0	82,8	135,3	205,6	50	6092130200	6092230200
250	250,0	103,6	171,1	256,4	65	6092130250	6092230250
300	300,0	124,3	201,8	308,0	75	6092130300	6092230300
350	350,0	145,0	237,5	359,6	90	6092130350	6092230350
400	400,0	165,7	Elbow with plain ends for lamination			6072130400	6072230400
450	450,0	186,4				6072130450	6072230450
500	500,0	207,1				6072130500	6072230500
600	600,0	248,5				6072130600	6072230600
700	700,0	289,9				6072130700	6072230700
800	800,0	331,4				6072130800	6072230800
900	900,0	372,8				6072130900	6072230900
1000	1000,0	414,2				6072131000	6072231000

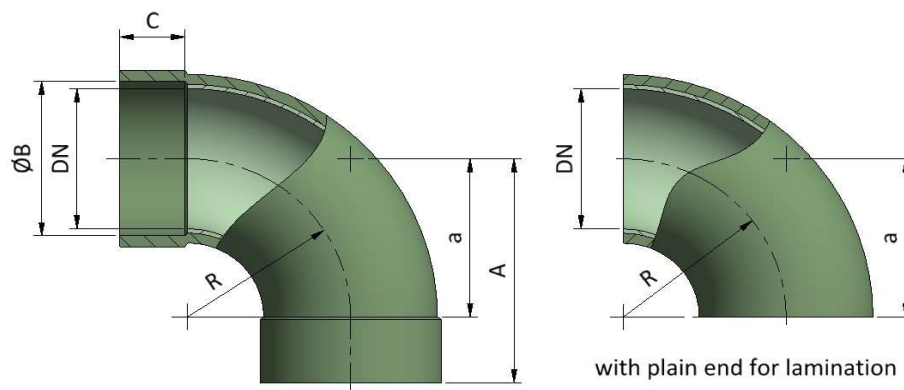


Elbow 60°, R=1D with 0,5mm Chemical Resistance Liner

Fiberindustry

Type GRVE/GRE, PN10

DN (mm)	R (mm)	a (mm)	A (mm)	øB (mm)	C (mm)	Art. N° GRVE	Art. N° GRE
25	See R=1,5D						
40							
50							
65							
80							
100	100	57,7	100,2	104,8	40	6096140100	6096240100
125	125	72,2	124,7	130,6	50	6096140125	6096240125
150	150	86,6	129,1	154,8	40	6096130150	6096230150
200	200	115,5	168,0	205,6	50	6096130200	6096230200
250	250	144,3	211,8	256,4	65	6096130250	6096230250
300	300	173,2	250,7	308,0	75	6096130300	6096230300
350	350	202,1	294,6	359,6	90	6096130350	6096230350
400	400	230,9	Elbow with plain ends for lamination			6076130400	6076230400
450	450	259,8				6076130450	6076230450
500	500	288,7				6076130500	6076230500
600	600	346,4				6076130600	6076230600
700	700	404,1				6076130700	6076230700
800	800	461,9				6076130800	6076230800
900	900	519,6				6076130900	6076230900
1000	1000	577,4				6076131000	6076231000

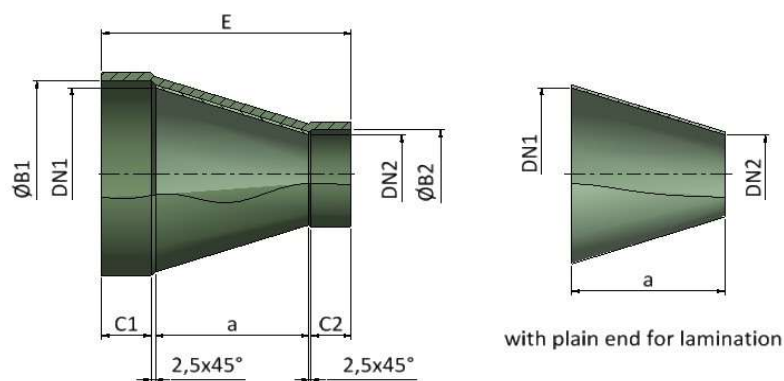


Elbow 90°, R=1D with 0,5mm Chemical Resistance Liner

Fiberindustry

Type GRVE/GRE, PN10

DN (mm)	R (mm)	a (mm)	A (mm)	øB (mm)	C (mm)	Art. N° GRVE	Art. N° GRE
25	See R=1,5D						
40							
50							
65							
80							
100	100	100	142,5	104,8	40	6091140100	6091240100
125	125	125	177,5	130,6	50	6091140125	6091240125
150	150	150	192,5	154,8	40	6091130150	6091230150
200	200	200	252,5	205,6	50	6091130200	6091230200
250	250	250	317,5	256,4	65	6091130250	6091230250
300	300	300	377,5	308,0	75	6091130300	6091230300
350	350	350	442,5	359,6	90	6091130350	6091230350
400	400	400	Elbow with plain ends for lamination			6071130400	6071230400
450	450	450				6071130450	6071230450
500	500	500				6071130500	6071230500
600	600	600				6071130600	6071230600
700	700	700				6071130700	6071230700
800	800	800				6071130800	6071230800
900	900	900				6071130900	6071230900
1000	1000	1000				6071131000	6071231000

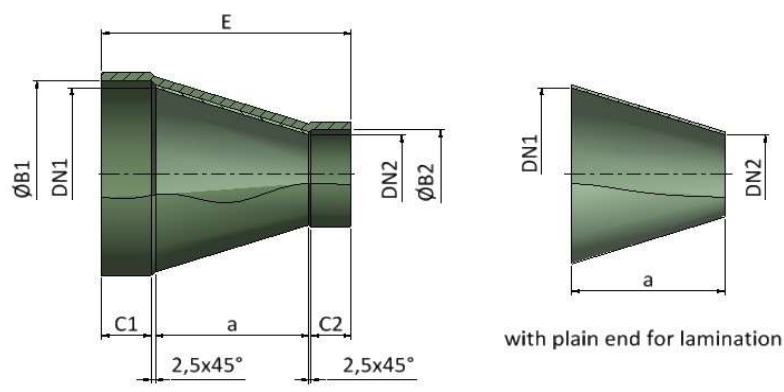


Reducer Concentric with 0,5mm Chemical Resistance Liner

Fiberindustry

Type GRVE/GRE, 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	44,8	25	29,8	25	6023140041	6023240041
50	25	117,5	62,5	54,8	25	29,8	25	6023140052	6023240052
50	40	80,0	25,0	54,8	25	44,8	25	6023140051	6023240051
65	25	155,0	100,0	69,8	25	29,8	25	6023140068	6023240068
65	40	117,5	62,5	69,8	25	44,8	25	6023140067	6023240067
65	50	92,5	37,5	69,8	25	54,8	25	6023140066	6023240066
80	40	165,0	100,0	84,8	35	44,8	25	6023140083	6023240083
80	50	140,0	75,0	84,8	35	54,8	25	6023140082	6023240082
80	65	102,5	37,5	84,8	35	69,8	25	6023140081	6023240081
100	50	195,0	125,0	104,8	40	54,8	25	6023140103	6023240103
100	65	157,5	87,5	104,8	40	69,8	25	6023140102	6023240102
100	80	130,0	50,0	104,8	40	84,8	35	6023140101	6023240101
125	65	230,0	150,0	130,6	50	69,8	25	6023140128	6023240128
125	80	202,5	112,5	130,6	50	84,8	35	6023140127	6023240127
125	100	157,5	62,5	130,6	50	104,8	40	6023140126	6023240126
150	80	255,0	175,0	154,8	40	84,8	35	6023130153	6023230153
150	100	210,0	125,0	154,8	40	104,8	40	6023130152	6023230152
150	125	157,5	62,5	154,8	40	130,6	50	6023130151	6023230151
200	100	345,0	250,0	205,6	50	104,8	40	6023130203	6023230203
200	125	292,5	187,5	205,6	50	130,6	50	6023130202	6023230202
200	150	220,0	125,0	205,6	50	154,8	40	6023130201	6023230201
250	125	432,5	312,5	256,4	65	130,6	50	6023130253	6023230253
250	150	360,0	250,0	256,4	65	154,8	40	6023130252	6023230252
250	200	245,0	125,0	256,4	65	205,6	50	6023130251	6023230251



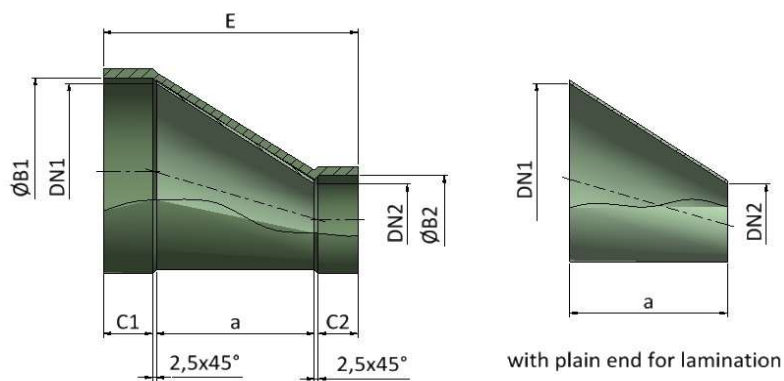
Reducer Concentric with 0,5mm Chemical Resistance Liner

Fiberindustry

Type GRVE/GRE, 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	359,6	90	205,6	50	6023130353	6023230353
350	250	410,0	250	359,6	90	256,4	65	6023130352	6023230352
350	300	295,0	125	359,6	90	308,0	75	6023130351	6023230351
400	250	---	375	Reducer with plain ends for lamination				7094130403	7094230403
400	300	---	250					7094130402	7094230402
400	350	---	125					7094130401	7094230401
450	300	---	375					7094130453	7094230453
450	350	---	250					7094130452	7094230452
450	400	---	125					7094130451	7094230451
500	350	---	375					7094130503	7094230503
500	400	---	250					7094130502	7094230502
500	450	---	125					7094130501	7094230501
600	400	---	500					7094130603	7094230603
600	450	---	375					7094130602	7094230602
600	500	---	250					7094130601	7094230601
700	400	---	750					7094130703	7094230703
700	500	---	500					7094130702	7094230702
700	600	---	250					7094130701	7094230701
800	500	---	750					7094130803	7094230803
800	600	---	500					7094130802	7094230802
800	700	---	250					7094130801	7094230801
900	600	---	750					7094130903	7094230903
900	700	---	500					7094130902	7094230902
900	800	---	250					7094130901	7094230901
1000	700	---	750					7094131003	7094231003
1000	800	---	500					7094131002	7094231002
1000	900	---	250					7094131001	7094231001

Other dimensions and details are available upon request

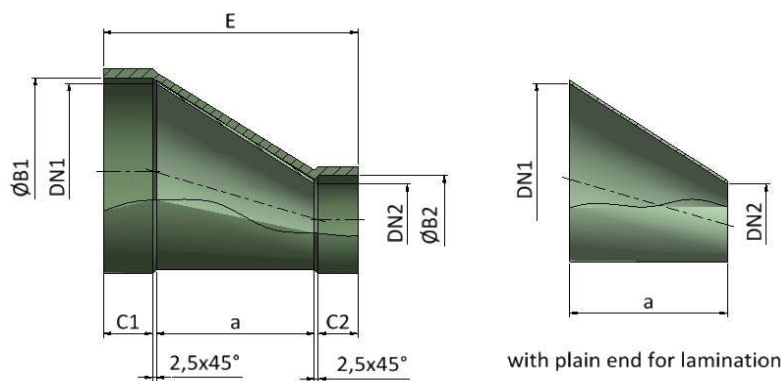


Reducer Eccentric with 0,5mm Chemical Resistance Liner

Fiberindustry

Type GRVE/GRE, 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	44,8	25	29,8	25	6024140041	6024240041
50	25	117,5	62,5	54,8	25	29,8	25	6024140052	6024240052
50	40	80,0	25,0	54,8	25	44,8	25	6024140051	6024240051
65	25	155,0	100,0	69,8	25	29,8	25	6024140068	6024240068
65	40	117,5	62,5	69,8	25	44,8	25	6024140067	6024240067
65	50	92,5	37,5	69,8	25	54,8	25	6024140066	6024240066
80	40	165,0	100,0	84,8	35	44,8	25	6024140083	6024240083
80	50	140,0	75,0	84,8	35	54,8	25	6024140082	6024240082
80	65	102,5	37,5	84,8	35	69,8	25	6024140081	6024240081
100	50	195,0	125,0	104,8	40	54,8	25	6024140103	6024240103
100	65	157,5	87,5	104,8	40	69,8	25	6024140102	6024240102
100	80	130,0	50,0	104,8	40	84,8	35	6024140101	6024240101
125	65	230,0	150,0	130,6	50	69,8	25	6024140128	6024240128
125	80	202,5	112,5	130,6	50	84,8	35	6024140127	6024240127
125	100	157,5	62,5	130,6	50	104,8	40	6024140126	6024240126
150	80	255,0	175,0	154,8	40	84,8	35	6024130153	6024230153
150	100	210,0	125,0	154,8	40	104,8	40	6024130152	6024230152
150	125	157,5	62,5	154,8	40	130,6	50	6024130151	6024230151
200	100	345,0	250,0	205,6	50	104,8	40	6024130203	6024230203
200	125	292,5	187,5	205,6	50	130,6	50	6024130202	6024230202
200	150	220,0	125,0	205,6	50	154,8	40	6024130201	6024230201
250	125	432,5	312,5	256,4	65	130,6	50	6024130253	6024230253
250	150	360,0	250,0	256,4	65	154,8	40	6024130252	6024230252
250	200	245,0	125,0	256,4	65	205,6	50	6024130251	6024230251



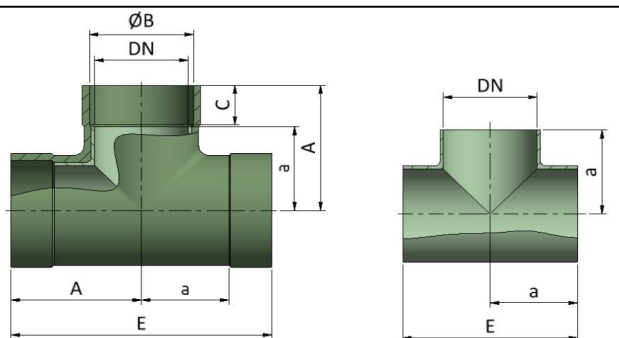
Reducer Eccentric with 0,5mm Chemical Resistance Liner

Fiberindustry

Type GRVE/GRE, 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	359,6	90	205,6	50	6024130353	6024230353
350	250	410,0	250	359,6	90	256,4	65	6024130352	6024230352
350	300	295,0	125	359,6	90	308,0	75	6024130351	6024230351
400	250	---	375	Reducer with plain ends for lamination				7095130403	7095230403
400	300	---	250					7095130402	7095230402
400	350	---	125					7095130401	7095230401
450	300	---	375					7095130453	7095230453
450	350	---	250					7095130452	7095230452
450	400	---	125					7095130451	7095230451
500	350	---	375					7095130503	7095230503
500	400	---	250					7095130502	7095230502
500	450	---	125					7095130501	7095230501
600	400	---	500					7095130603	7095230603
600	450	---	375					7095130602	7095230602
600	500	---	250					7095130601	7095230601
700	400	---	750					7095130703	7095230703
700	500	---	500					7095130702	7095230702
700	600	---	250					7095130701	7095230701
800	500	---	750					7095130803	7095230803
800	600	---	500					7095130802	7095230802
800	700	---	250					7095130801	7095230801
900	600	---	750					7095130903	7095230903
900	700	---	500					7095130902	7095230902
900	800	---	250					7095130901	7095230901
1000	700	---	750					7095131003	7095231003
1000	800	---	500					7095131002	7095231002
1000	900	---	250					7095131001	7095231001

Other dimensions and details are available upon request



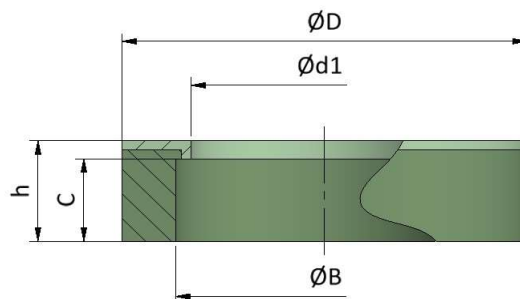
with plain end for lamination

T-Piece with 0,5mm Chemical Resistance Liner

Fiberindustry

Type GRVE/GRE, PN10

DN (mm)	E (mm)	a (mm)	A (mm)	øB (mm)	C (mm)	Art. N° GRVE	Art. N° GRE
25	130	40	65	29,8	25	6034140025	6034240025
40	150	50	75	44,8	25	6034140040	6034240040
50	170	60	85	54,8	25	6034140050	6034240050
65	190	70	95	69,8	25	6034140065	6034240065
80	230	80	115	84,8	35	6034140080	6034240080
100	270	95	135	104,8	40	6034140100	6034240100
125	320	110	160	130,6	50	6034140125	6034240125
150	380	150	190	154,8	40	6034130150	6034230150
200	504	202	252	205,6	50	6034130200	6034230200
250	638	254	319	256,4	65	6034130250	6034230250
300	740	295	370	308,0	75	6034130300	6034230300
350	800	310	400	359,6	90	6034130350	6034230350
400	880	440	T-Piece with plain ends for lamination connection			6054130400	6054230400
450	1010	505				6054130450	6054230450
500	1080	540				6054130500	6054230500
600	1502	751				6054130600	6054230600
700	1736	868				6054130700	6054230700
800	1978	989				6054130800	6054230800
900	2300	1150				6054130900	6054230900
1000	2590	1295				6054131000	6054231000

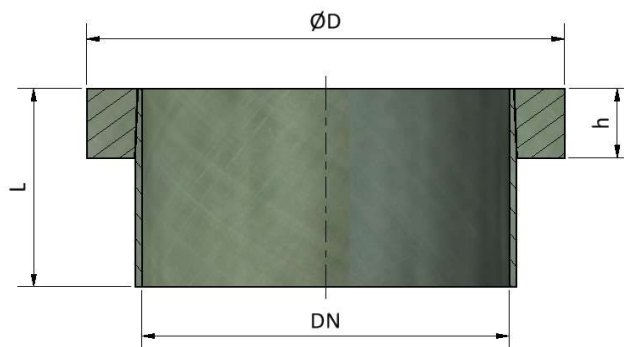


Collar with 0,5mm Chemical Resistance Liner

Fiberindustry

Type GRE, PN10

DN (mm)	ød1 (mm)	øD (mm)	h (mm)	øB (mm)	C (mm)	Art. N° GRE
25	25	68	25	29,8	20	6021240025
40	40	88	25	44,8	20	6021240040
50	50	102	30	54,8	25	6021240050
65	65	122	30	69,8	25	6021240065
80	80	138	35	84,8	30	6021240080
100	100	158	45	104,8	40	6021240100
125	125	188	45	130,6	40	6021240125
150	150	212	50	154,8	45	6021230150
200	200	268	60	205,6	55	6021230200
250	250	320	65	256,4	60	6021230250
300	300	370	75	308,0	70	6021230300
350	350	430	85	359,6	85	6021230350

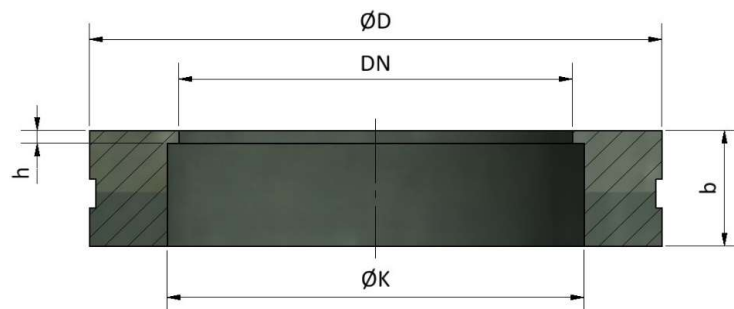


Collar with 0,5mm Chemical Resistance Liner

Fiberindustry

Type GRE, PN10

DN (mm)	øD (mm)	h (mm)	L (mm)	Art. N° GRE
400	482	95	300	7098230400
450	532	105	300	7098230450
500	585	115	400	7098230500
600	685	135	500	7098230600
700	800	140	1000	7098230700
800	905	150	1000	7098230800
900	1005	180	1000	7098230900
1000	1110	235	1000	7098231000



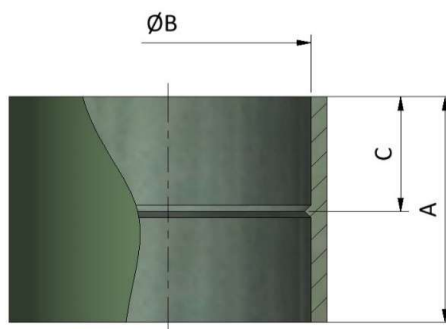
Fibertaulic Collar with 0,5mm Chemical Resistance Liner

Fiberindustry

Type GRE

DN (mm)	ØD (mm)	b (mm)	ØK (mm)	h (mm)	Art. N°
40	59,7	36	45,0	5	6020240040
50	72,3	30	55,0	5	6020240050
65	88,1	30	70,0	5	6020240065
80	114,3	35	85,0	5	6020240080
100	140,5	45	104,8	5	6020240100
125	167,5	45	130,6	5	6020240125
150	218,3	50	154,8	5	6020230150
200	272,2	60	205,6	5	6020230200
250	323,9	65	256,4	5	6020230250
300	354,8	75	308,0	5	6020230300
350	405,6	85	359,6	10	6020230350

Other dimensions are available upon request



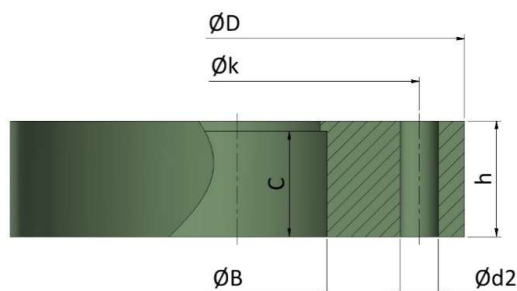
Coupling with 0,5mm Chemical Resistance Liner

Fiberindustry

Type GRVE/GRE, PN10

DN (mm)	A (mm)	ØB (mm)	C (mm)	Art. N° GRVE	Art. N° GRE
25	55	29,8	25	6022140025	6022240025
40	55	44,8	25	6022140040	6022240040
50	55	54,8	25	6022140050	6022240050
65	55	69,8	25	6022140065	6022240065
80	75	84,8	35	6022140080	6022240080
100	85	104,8	40	6022140100	6022240100
125	105	130,6	50	6022140125	6022240125
150	85	154,8	40	6022130150	6022230150
200	105	205,6	50	6022130200	6022230200
250	135	256,4	65	6022130250	6022230250
300	155	308,0	75	6022130300	6022230300
350	185	359,6	90	6022130350	6022230350
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 0,5mm Chemical Resistance Liner

Fiberindustry

Type GRE

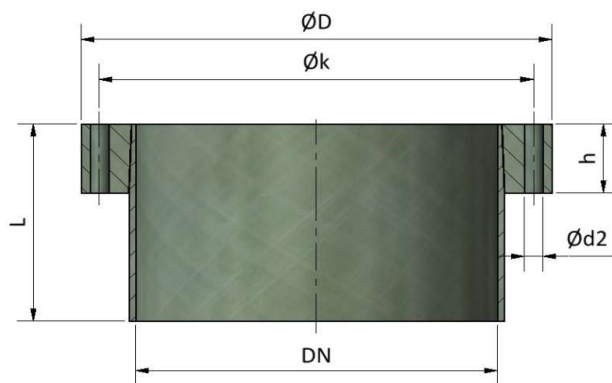
Drilled according to PN16

DN (mm)	ØD (mm)	h (mm)	Øk (mm)	ØB (mm)	C (mm)	N° of holes	Ød2 (mm)	Art. N° GRE
25	115	40	85	30,0	35	4	14	7027240025
40	150	40	110	45,0	35	4	18	7027240040
50	165	40	125	55,0	35	4	18	7027240050
65	185	40	145	70,0	35	4	18	7027240065
80	200	40	160	85,0	35	8	18	7027240080
100	220	55	180	105,0	50	8	18	7027240100
125	250	55	210	130,0	50	8	18	7027240125

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	156,0	50	8	22	7027230150
200	340	55	295	208,5	50	8	22	7027230200
250	395	75	350	260,0	70	12	22	7027230250
300	445	75	400	311,5	70	12	22	7027230300
350	505	95	460	363,5	85	16	22	7027230350

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



Heavy Duty Flange, DIN with 0,5mm Chemical Resistance Liner

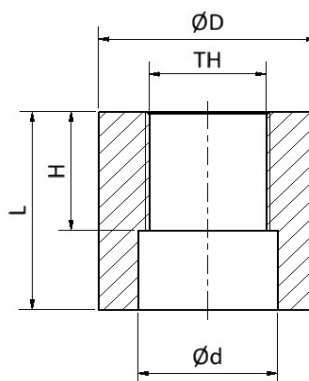
Fiberindustry

Type GRE

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	7027230400
450	615	115	565	20	26	300	7027230450
500	670	125	620	20	26	400	7027230500
600	780	135	725	20	30	500	7027230600
700	895	140	840	24	30	500	7027230700
800	1015	150	950	24	33	600	7027230800
900	1115	200	1050	28	33	650	7027230900
1000	1230	235	1160	28	36	710	7027231000

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

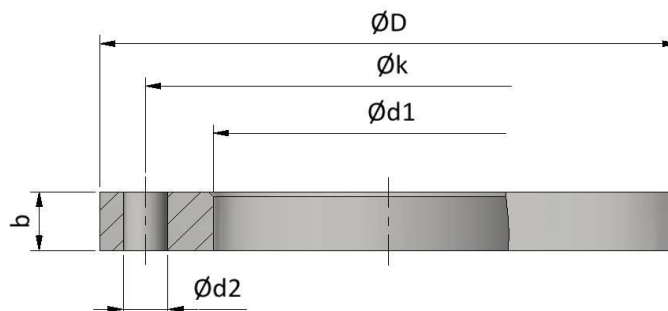


Threaded Sleeve

Fiberindustry

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

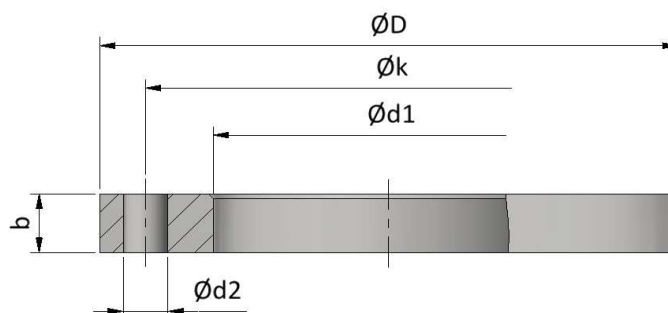
Fiberindustry

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



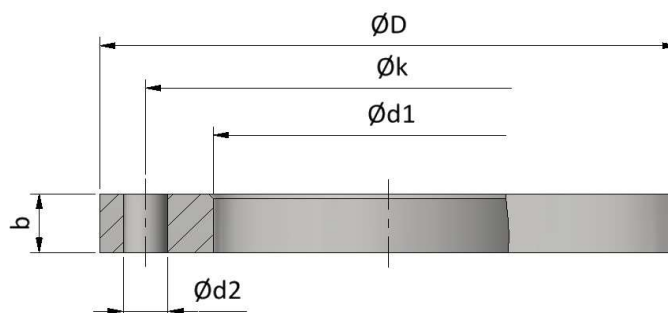
Steel Loose Flange

Fiberindustry

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



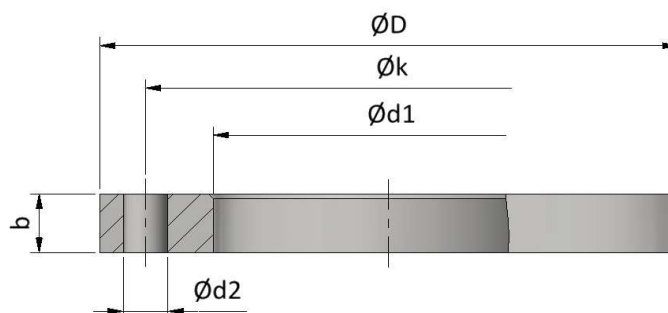
PP-Steel Loose Flange

Fiberindustry

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

Fiberindustry

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