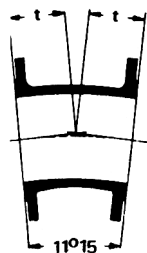


Curvas 11° 15' com Flanges

Diâmetro Nominal DN	t mm	Massas		
		PN-10 Kg	PN-16 Kg	PN-25 Kg
50	65	8	8	8
75	69	11	11	11
80	69	11	11	11
100	75	16	16	17
150	84	25	25	27
200	95	36	36	40
250	104	49	49	55
300	114	62	62	72
350	124	83	88	105
400	134	104	116	138
450	144	132	147	170
500	154	149	179	203
600	174	207	259	287
700	194	274	304	374
800	213	374	412	510
900	234	473	521	641
1000	253	609	693	849
1200	293	927	1055	1255



Abreviaturas.:

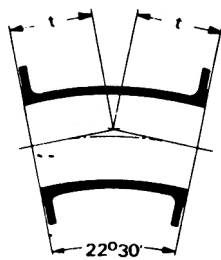
PN-10: **C11FF10**

PN-16: **C11FF16**

PN-25: **C11FF25**

Curvas 22° 30' com Flanges

Diâmetro Nominal DN	t mm	Massas		
		PN-10 Kg	PN-16 Kg	PN-25 Kg
50	90	9	9	9
75	97	13	13	13
80	97	13	13	13
100	105	17	17	18
150	119	28	28	30
200	134	41	41	45
250	149	56	56	62
300	164	73	73	83
350	179	99	105	121
400	194	124	136	158
450	209	156	171	194
500	224	180	210	234
600	254	253	305	333
700	284	344	374	444
800	314	472	510	608
900	344	605	653	773
1000	374	781	865	1021
1200	434	1110	1238	1438



Abreviaturas.:

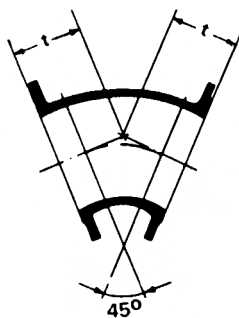
PN-10: **C22FF10**

PN-16: **C22FF16**

PN-25: **C22FF25**

Curvas 45° com Flanges

Diâmetro Nominal DN	t mm	Massas		
		PN-10 Kg	PN-16 Kg	PN-25 Kg
50	150	6	6	6
75	130	8,5	8,5	8,5
80	130	9,5	9,5	9,5
100	140	10,5	10,5	11,5
150	160	17	17	19
200	180	26	26	30
250	350	52	52	59
300	400	74	74	84
350	298	74	80	97
400	324	91	102	125
450	349	125	132	144
500	375	138	168	192
600	426	204	257	285
700	478	295	325	395
800	529	400	438	536
900	581	516	564	685
1000	632	664	747	903
1200	735	1043	1171	1371



Abreviaturas.:

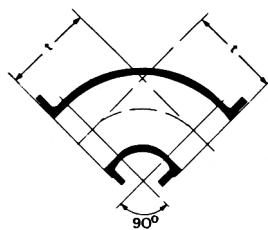
PN-10: **C45FF10**

PN-16: **C45FF16**

PN-25: **C45FF25**

Curvas 90° com Flanges

Diâmetro Nominal DN	t mm	Massas		
		PN-10 Kg	PN-16 Kg	PN-25 Kg
50	150	6	6	6
75	160	9	9	9
80	165	9,5	9,5	9,5
100	180	11	11	12
150	220	18	18	20
200	260	28	28	32
250	350	46	46	53
300	400	66	66	76
350	450	87	93	110
400	500	110	121	144
450	550	153	160	172
500	600	174	204	228
600	700	267	320	348
700	800	380	410	480
800	900	525	563	662
900	1000	690	738	858
1000	1100	892	975	1132
1200	1300	1421	1549	1749



Abreviaturas.:

PN-10: **C90FF10**

PN-16: **C90FF16**

PN-25: **C90FF25**