

*Blue*TECH Distribution™

Steel parts and tubes for water networks



**Design
Manufacturing
Distribution**

Parts for drinkable and raw water networks



Reduction cone DN500/400 + DN100 branch



Elbows DN200 11.25° - 22.5° - 90°



Tee DN700/500/700



Cemented parts ACS* Int / PE Ext



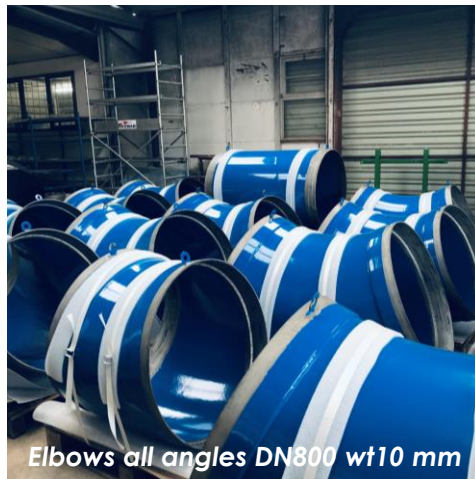
Elbows 45° DN600 PN16



Cemented parts ACS Int / PE Ext DN200 PN10/16



Elbow 45° DN1400 wt12.5mm



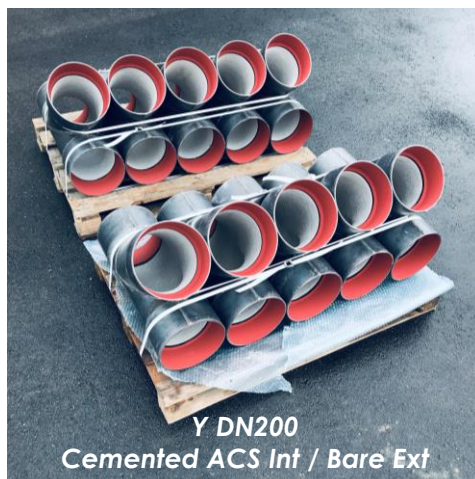
Elbows all angles DN800 wt10 mm



Elbow 45° DN1400 4 sectors



Reduction DN1000/800 + stitching and elbow DN150 PN10/16



Y DN200 Cemented ACS Int / Bare Ext



Reduction DN1600/1400 With stitching

PIPES FOR ALL YOUR WATER NETWORKS



Linear mass of raw steel tubes (kg/m)

*In mm

Wt* Øext*	3,6	4	4,5	5	5,6	6,3	7,1	8	8,8	10	11	12,5	14,2	16	17,5	20	22,2	25
114,3	9,83	10,88	12,19	13,48	15,01	16,78	18,77	20,97	22,90	25,72	28,02	31,38	35,05					
139,7	12,08	13,39	15,00	16,61	18,52	20,73	23,22	25,98	28,41	31,99	34,91	39,21	43,95					
168,3	14,62	16,21	18,18	20,14	22,47	25,17	28,23	31,63	34,61	39,04	42,67	48,03	53,96					
219,1	19,13	21,22	23,82	26,40	29,49	33,06	37,12	41,65	45,64	51,57	56,45	63,69	71,75					
273	23,92	26,54	29,80	33,05	36,93	41,44	46,56	52,28	57,34	64,86	71,07	80,30	90,63					
323,9	28,44	31,56	35,45	39,32	43,96	49,34	55,47	62,32	68,38	77,41	84,88	95,99	108,45					
355,6	31,25	34,68	38,96	43,23	48,34	54,27	61,02	68,58	75,26	85,23	93,48	105,77	119,56					
406,4		39,70	44,60	49,50	55,35	62,16	69,92	78,60	86,29	97,76	107,26	121,43	137,35	154,05				
457,2		44,69	50,22	55,73	62,34	70,02	78,78	88,58	97,27	110,24	120,99	137,03	155,07	174,01				
508		49,72	55,88	62,02	69,38	77,95	87,71	98,65	108,34	122,81	134,82	152,75	172,93	194,14				
610				74,60	83,47	93,80	105,57	118,77	130,47	147,97	162,49	184,19	208,65	234,38	255,71	291,01	321,81	360,67
711,2				87,06	97,42	109,49	123,25	138,70	152,39	172,88	189,89	215,33	244,01	274,24	299,30	340,82	377,11	422,94
813				99,63	111,51	125,33	141,11	158,82	174,53	198,03	217,56	246,77	279,73	314,48	343,32	391,13	432,95	485,83
914,4				112,14	125,51	141,09	158,87	178,83	196,53	223,04	245,07	278,03	315,24	354,49	387,08	441,14	488,47	548,35
1016						156,87	176,66	198,87	218,58	248,09	272,63	309,35	350,82	394,58	430,93	491,26	544,09	610,99
1219,2						188,45	212,23	238,96	262,68	298,21	327,76	371,99	421,98	474,76	518,63	591,48	655,34	736,27
1422,4							247,81	279,05	306,78	348,32	382,88	434,63	493,14	554,94	606,32	691,71	766,59	861,55
1625,6							283,39	319,14	350,88	398,43	438,00	497,27	564,30	635,12	694,02	791,93	877,84	986,83
1828,8							318,97	359,23	394,98	448,54	493,13	559,91	635,46	715,30	781,71	892,15	989,09	1112,11
2032							354,55	399,32	439,08	498,66	548,25	622,55	706,62	795,48	869,41	992,38	1100,34	1237,39

DN	Inch	Ø ext tube (mm)
10	3/8"	17,1
15	1/2"	21,34
20	3/4"	26,67
25	1"	33,4
32	1"1/4	42,16
40	1"1/2	48,26
50	2"	60,3
65	2"1/2	76,1

DN	Inch	Ø ext tube (mm)
80	3"	88,9
100	4"	114,3
125	5"	139,7
150	6"	168,3
200	8"	219,1
250	10"	273
300	12"	323,9
350	14"	355,6

DN	Inch	Ø ext tube (mm)
400	16"	406,4
450	18"	457,2
500	20"	508
600	24"	609,6
700	28"	711,2
800	32"	812,8
900	36"	914,4
1000	40"	1016

DN	Inch	Ø ext tube (mm)
1200	48"	1219,2
1400	56"	1422,4
1600	64"	1625,6
1800	72"	1828,8
2000	80"	2032

STEEL PIPES & PARTS FOR WATER NETWORKS

DRINKABLE
PENSTOCK
SNOW GUN
DRAIN PIPE

Design / Manufacturing / Distribution

BlueTech Distribution is a designer, manufacturer and distributor of tubes and special parts, made to measure in steel for complex water, drinkable and irrigation networks.



Coatings

We offer different types of coatings for your tubes and parts:

Internal coating :

- ACS* epoxy paint
- ACS cement
- Raw or Hot-Dip Galvanized

External coating :

- Hot-applied PE coating, three-layer PE / Polyurethane / epoxy
- Raw or Hot-Dip Galvanized

Why BlueTech ?

BlueTech Distribution assures you :
Reactivity, Quality, Traceability.

The advantages of working with an **Designer/Manufacturer :**

- **Technical support**
- **Optimization solutions**
- **Control of the production times**
- **Control** of all the **coatings**

ACS* - Certificate of health compliance, for drinkable water

Specific ends

- Cylindrical socket
- Spherical socket
- *Joint E (The purpose of this technology is to allow good continuity of the inner coating, which during external welding can be damaged due to the heat.)*
- Flanges
- Convergent
- Chamfered

Grades and standards

- Spiral or longitudinal welding, from DN80 to DN3000, in bars from 6 to 13.5 meters (other diameters on request).
- Types of steel: S235 - S275 - S355 (other grades on request).

At BlueTech Distribution, we respect all factory manufacturing standards :
EN 10224 / EN 10217-1 / EN 10204 (2.1, 2.2, 3.1)

We also comply with all coating standards :

External coating (Polyethylene, polyurethane, polypropylene, epoxy) : **ISO 21809-1 CI**
Internal cement coating : **EN 10298**
Internal epoxy coating : **EN 10339**

Parts for your Penstocks



Elbows DN400 PN100 with Joint E



Tee DN500/500 wt20mm with Joint E



Tee DN400 PN100 with Joint E



Reduction
DN200 / DN100



Reduction
DN1200 / DN800



Tee DN800/600/800 Flanges PN40



Sectors elbows DN750 PN10



Tee DN800/600/800 wt 6.3 mm



Reduction
DN 500/600 Flanges PN10



Pelton turbine manifold
Ø508 x Ø273



Pelton turbine manifold
DN500 x DN250 Flange PN40



Pelton turbine manifold
DN500 x DN350 Flange PN63