



CIRCULAR HOLLOW SECTION PROFILES (EN 10219)

Ø: Outer Diameter (mm) t: Thickness (mm)

Ø \ t	Unit Weight (kg/m)														
	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.3	7.0	8.0	9.0	10.0
Ø 21.3	0.7	1.0	1.2	1.4											
Ø 25.0	0.9	1.1	1.4	1.6											
Ø 26.9	0.9	1.2	1.5	1.8	2.0										
Ø 30.0	1.1	1.4	1.7	2.0	2.3										
Ø 33.7	1.2	1.6	1.9	2.3	2.6										
Ø 38.0	1.4	1.8	2.2	2.6	3.0	3.4									
Ø 42.4	1.5	2.0	2.5	2.9	3.4	3.8									
Ø 45.0	1.6	2.1	2.6	3.1	3.6	4.0									
Ø 48.3	1.7	2.3	2.8	3.4	3.9	4.4	4.9								
Ø 51.0	1.8	2.4	3.0	3.6	4.1	4.6	5.2	5.7							
Ø 57.0	2.1	2.7	3.4	4.0	4.6	5.2	5.8	6.4							
Ø 60.3	2.2	2.9	3.6	4.2	4.9	5.6	6.2	6.8							
Ø 63.0		3.0	3.7	4.4	5.1	5.8	6.5	7.2							
Ø 76.1		3.7	4.5	5.4	6.3	7.1	7.9	8.8							
Ø 88.9		4.3	5.3	6.4	7.4	8.4	9.4	10.3	11.3						
Ø 102.0		4.9	6.1	7.3	8.5	9.7	10.8	12.0	13.1						
Ø 108.0			6.5	7.8	9.0	10.3	11.5	12.7	13.9						
Ø 114.3			6.9	8.2	9.6	10.9	12.2	13.5	14.8	16.0					
Ø 127.0			7.7	9.2	10.7	12.1	13.6	15.0	16.5	17.9					
Ø 139.7			8.5	10.1	11.8	13.4	15.0	16.6	18.2	19.8					
Ø 152.4			9.2	11.1	12.9	14.6	16.4	18.2	19.9	21.7					
Ø 168.3			2.2	14.2	16.2	18.2	20.1	22.1	24.0	25.2	27.8	31.6			
Ø 219.1				16.0	18.6	21.2	23.8	26.4	29.0	31.5	33.1	36.6	41.6	46.6	
Ø 273.0						26.5	29.8	33.0	36.3	39.5	41.4	45.9	52.3	58.6	64.9
Ø 323.9						31.6	35.4	39.3	43.2	47.0	49.3	54.7	62.3	69.9	

Wall Thickness

Ø 406.4mm

T 5mm ±%10

T>5mm ±0.5mm

Outer Diameter

Ø<50mm; ±0.5mm

50 Ø 1000mm; ±%1

* For your requirements of other dimensions, please contact to your Sales Account.

PRECISION TUBES

(DIN 2393 DIN 2394)

t (mm)	1.0	1.2	1.5	1.8	2.0	2.2	2.5
Ø (mm)	Unit Weight (kg/m)						
13	0.30	0.35	0.43				
16	0.37	0.44	0.54	0.63	0.69		
18	0.42	0.50	0.61	0.72	0.78		
19	0.44	0.53	0.65	0.76	0.83		
20	0.47	0.56	0.68	0.81	0.88	0.96	1.07
21	0.49	0.59	0.72	0.85	0.93	1.02	1.14
22	0.52	0.62	0.76	0.89	0.98	1.07	1.20
25	0.59	0.70	0.87	1.03	1.13	1.23	1.39
26	0.62	0.73	0.91	1.07	1.18	1.29	1.45
28	0.67	0.79	0.98	1.16	1.28	1.40	1.57
30	0.72	0.85	1.05	1.25	1.38	1.50	1.70
32	0.76	0.91	1.12	1.34	1.48	1.61	1.82
35	0.83	1.00	1.24	1.47	1.62	1.78	2.00
38	0.91	1.08	1.35	1.60	1.77	1.94	2.20
40	0.96	1.15	1.42	1.69	1.87	2.05	2.31
42		1.21	1.49	1.78	1.97	2.15	2.43
45		1.30	1.61	1.91	2.12	2.32	2.62
48		1.38	1.72	2.05	2.26	2.48	2.80
50		1.44	1.79	2.14	2.36	2.59	2.93
51		1.47	1.83	2.18	2.41	2.64	2.99
55		1.59	1.98	2.36	2.61	2.86	3.23
60				2.58	2.86	3.13	3.54
63				2.71	3.00	3.29	3.73
70				3.02	3.35	3.67	4.16
76				3.29	3.65	4.00	4.53
80				3.47	3.84	4.22	4.77
89					4.29	4.70	5.33
90							5.39

WATER AND GAS PIPES (DIN 2440)

Nominal Diameter	Outer Diameter	Wall Thickness	Black Gear With Sleeve	Galvanised Gear With Sleeve	Black With Flat End	Galvanised With Flat End
inç	mm	mm	kg/m	kg/m	kg/m	kg/m
3/8	10	17.20	2.35	0.86	0.90	0.85
1/2	15	21.30	2.65	1.23	1.29	1.22
3/4	20	26.90	2.65	1.59	1.66	1.58
1	25	33.70	3.25	2.46	2.57	2.44
1 1/4	32	42.40	3.25	3.17	3.31	3.14
1 1/2	40	48.30	3.25	3.65	3.81	3.61
2	50	60.30	3.65	5.17	5.40	5.10
2 1/2	65	76.10	3.65	6.63	6.93	6.51
3	80	88.90	4.05	8.64	9.03	8.47
4	100	114.30	4.50	12.40	13.09	12.10
5	125	139.70	4.85	16.70	17.50	16.20
6	150	165.10	4.85	19.80	20.70	19.20

WATER AND GAS PIPES (HEAVY SECTION)

(DIN 2441)

Nominal Diameter	Outer Diameter	Wall Thickness	Black Gear With Sleeve	Galvanised Gear With Sleeve	Black With Flat End	Galvanised With Flat End
inç	mm	mm	kg/m	kg/m	kg/m	kg/m
3/8	10	17.2	2.90	1.03	1.08	1.02
1/2	15	21.3	3.25	1.46	1.53	1.45
3/4	20	26.9	3.25	1.91	2.00	1.90
1	25	33.7	4.05	2.99	3.12	2.97
1 1/4	32	42.4	4.05	3.87	4.04	3.84
1 1/2	40	48.3	4.05	4.47	4.67	4.43
2	50	60.3	4.50	6.24	6.52	6.17
2 1/2	65	76.1	4.50	8.02	8.38	7.90
3	80	88.9	4.85	10.3	10.76	10.01
4	100	114.3	5.40	14.7	15.36	14.40
5	125	139.7	5.40	18.3	18.7	17.80
6	150	165.1	5.40	21.8	22.3	21.20