

Material Quality

DIN 17100 / DIN 1626	: St 33, St 37
EN 10025	: S 195, S 235 JR, S 235 J0, S 235 J2
ASTM A 53	: Gr A , Gr B
SI 4314 (ASTM A 795)	: Gr A , Gr B
EN 10217-1 (TS EN 10217-1)	: P 195 TR1/TR2, P 235 T1/TR2, P 265 TR1/TR2
EN 10217-2 (TS EN 10217-2)	: P 195 GH / P235 GH / P 265 GH / 16 Mo 3
EN 10255	: S 195 T
SI 103	: S 332, S 414
BS 4360	: 40 A, 43 A
SI 530	: 530 A, 530 B, 530/42
EN 10224	: L235, L275, L355

Galvanizing Standards:

EN 10240 (TS 11348) , DIN 2444, ASTM A 90, ASTM A 53 , SI 103 , SI 918, BS 729

Standards for Threading :

TS 301 , DIN 2999 , ISO 7-1 , BS 21 , ANSI B1 20.1 , SI 50.3

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TS 301, DIN 2999, ISO 7-1, BS 21, ANSI B1 20.1, SI 50.3

Finishing Operations

- Square Cut
- Bevelled End
- Threaded and Coupled

Surface Protection

- Protective Oil upon Request
- Hot Dip Galvanized
- Primer Coated

Mill Test Certificates

According to EN 10204 2.1 , 2.2 , 3.1 , 3.2

Production Program

Production Standards :

TS 301-1/2/3/4 , EN 10255 (TS EN 10255) CE MARKED , EN 10224 (TS 9341 EN 10224) ASTM A 53 , DIN 2440 , DIN 2441 , BS 1387 , NFA 49-145, ISO 65 (TS ISO 65) , UNI 8863 , SI 103, SI 530, SI 4314, ASTM A 795, DIN 1623, EN 10217-1 (TS EN 10217-1) EN 10217-2 (TS EN 10217-2)

Quality Control

- A -** Leak tightness testing
Hydrostatic test ,
- Non-Destructive Test
Eddy Current test
Ultrasonic Test of weld seam
(60.3-339.7 mm) (2 3/8" -13 3/8")
- C -** Destructive tests
Flattening test,
Bending test,
Expanding test,
Tensile test
Charpy V Notch Impact test
- D -** Chemical Analysis
Spectral Analysis
Visual and Dimensional Check

Water and Gas Pipes, Galvanized Pipes , Threaded & Coupled Pipes



PRODUCTION RANGE - Water and Gas Pipes, Galvanized Pipes , Threaded & Coupled Pipes



CHRYSSAFIDIS

Outside Diameter and Wall Thickness :

Size		Wall Thickness (mm)																				
mm	inch	1.0	1.2	1.5	2.0	2.3	2.6	2.9	3.2	3.5	3.6	4.0	4.5	5.0	5.4	6.0	7.0	8.0	10.0	11.0	12.5	13.0
17.2	3/8"																					
21.3	1/2"																					
26.9	3/4"																					
33.7	1"																					
42.4	1 1/4"																					
48.3	1 1/2"																					
60.3	2"																					
76.1	2 1/2"																					
88.9	3"																					
114.3	4"																					
139.7	5"																					
165.1	6"																					
168.3	6"																					
177.8	7"																					
193.7	7 5/8																					
219.1	8"																					
244.5	9"																					
273.0	10"																					
323.9	12"																					
339.7	13 3/8																					

Length : Plain End - Bevelled : 4 - 13 m (4- 14.6 m)
 Threaded and Coupled : 5,8 - 7,5 m (5 - 8,5 m)

Dimensions and grades marked with grey will be able to be produced in new Osmaniye ERW plant at the second period of 2012

** Length varies with the dimensions specified in the production program



DIN 2440 & 2441

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Size			DIN 2440				
Outside Diameter			WT	Mass per Unit Length			
				BPE	BTC	GPE	GTC
DN	inch.	mm.	mm.	kg/m	kg/m	kg/m	kg/m
10	3/8	17.2	2.35	0.85	0.86	0.90	0.91
15	1/2	21.3	2.65	1.22	1.23	1.29	1.30
20	3/4	26.9	2.65	1.58	1.59	1.67	1.68
25	1	33.7	3.25	2.44	2.46	2.55	2.57
32	1 1/4	42.4	3.25	3.14	3.17	3.29	3.32
40	1 1/2	48.3	3.25	3.61	3.65	3.78	3.82
50	2	60.3	3.65	5.10	5.17	5.31	5.38
65	2 1/2	76.1	3.65	6.51	6.63	6.78	6.90
80	3	88.9	4.05	8.47	8.64	8.79	8.96
100	4	114.3	4.50	12.10	12.40	12.51	12.81
125	5	139.7	4.85	16.20	16.70	16.71	17.21
150	6	165.1	4.85	19.20	19.80	19.80	20.40

ISO 65

Size			LIGHT I				
Outside Diameter			WT	Mass per Unit Length			
				BPE	BTC	GPE	GTC
DN	inch.	mm.	mm.	kg/m	kg/m	kg/m	kg/m
15	1/2	21.3	2.3	1.08	1.09	1.15	1.16
20	3/4	26.9	2.3	1.39	1.40	1.48	1.49
25	1	33.7	2.9	2.20	2.22	2.32	2.34
32	1 1/4	42.4	2.9	2.80	2.85	2.97	3.00
40	1 1/2	48.3	2.9	3.24	3.28	3.41	3.45
50	2	60.3	3.2	4.49	4.56	4.71	4.78
65	2 1/2	76.1	3.2	5.73	5.85	6.00	6.12
80	3	88.9	3.6	7.55	7.72	7.87	8.04
100	4	114.3	4.0	10.80	11.10	11.22	11.52

BPE : Black Plain End

GPE : Galvanized Plain End

BTC : Black Threaded Coupled

GTC : Galvanized Threaded Coupled

EN 10255 & (TS 301)

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CHRYSSAFIDIS

Size			MEDIUM				
Outside Diameter			WT	Mass per Unit Length			
DN	inch.	mm.		BPE	BTC	GPE	GTC
			mm.	kg/m	kg/m	kg/m	kg/m
10	3/8	17.2	2.3	0.89	0.90	0.96	0.97
15	1/2	21.3	2.6	1.21	1.22	1.28	1.29
20	3/4	26.9	2.6	1.56	1.57	1.65	1.66
25	1	33.7	3.2	2.41	2.43	2.53	2.55
32	1 1/4	42.4	3.2	3.10	3.13	3.25	3.28
40	1 1/2	48.3	3.2	3.56	3.60	3.73	3.77
50	2	60.3	3.6	5.03	5.10	5.24	5.31
65	2 1/2	76.1	3.6	6.42	6.54	6.69	6.81
80	3	88.9	4.0	8.36	8.53	8.68	8.87
100	4	114.3	4.5	12.20	12.50	12.61	12.91
125	5	139.7	5.0	16.60	17.10	17.11	17.61
150	6	165.1	5.0	19.80	20.40	20.40	21.00

BPE : Black Plain End
 BTC : Black Threaded Coupled

GPE : Galvanized Plain End
 GTC : Galvanized Threaded Coupled



Size mm	Wall Thickness (mm)												Mass per Unit Length (kg/m)									
	1.40	1.60	1.80	2.00	2.30	2.60	2.90	3.20	3.60	4.00	4.50	5.00	5.60	6.30	7.10	8.00	8.80	10.00	11.00	12.50		
21.3	0.69	0.78	0.87	0.95	1.080	1.200	1.320	1.430	1.57	1.71	1.86											
26.9	0.88	1.00	1.11	1.23	1.400	1.560	1.720	1.870	2.07	2.26	2.49	2.7										
33.7	1.12	1.27	1.42	1.56	1.78	1.99	2.20	2.41	2.67	2.93	3.24	3.54	3.88	4.26	4.66	5.07						
42.4	1.42	1.61	1.80	1.99	2.27	2.55	2.82	3.09	3.44	3.79	4.21	4.61	5.08	5.61	6.18	6.79	7.29					
48.3	1.62	1.84	2.06	2.28	2.61	2.93	3.25	3.56	3.97	4.37	4.86	5.34	5.90	6.53	7.21	7.95	8.57					
60.3	2.03	2.32	2.60	2.88	3.29	3.70	4.11	4.51	5.03	5.55	6.19	6.82	7.55	8.39	9.32	10.30	11.20	12.40				
76.1	2.58	2.94	3.30	3.65	4.19	4.71	5.24	5.75	6.44	7.11	7.95	8.77	9.74	10.80	12.10	13.40	14.60	16.30				
88.9		3.44	3.87	4.29	4.91	5.53	6.15	6.76	7.57	8.38	9.37	10.30	11.50	12.80	14.30	16.00	17.40	19.50				
114.3					6.35	7.16	7.97	8.77	9.83	10.90	12.20	13.50	15.00	16.80	18.80	21.00	22.90	25.70				
139.7					7.79	8.79	9.76	10.80	12.10	13.40	15.00	16.60	18.50	20.70	23.20	26.00	28.40	32.00				
165.1					9.23	10.42	11.60	12.78	14.34	15.89	17.82	19.74	22.03	24.67	27.66	30.99	33.92	38.25				
168.3					9.42	10.60	11.80	13.00	14.60	16.20	18.20	20.10	22.50	25.20	28.20	31.60	34.60	39.00	42.67			
177.8					9.95	11.23	12.51	13.78	15.47	17.14	19.23	21.31	23.78	26.64	29.89	33.50	36.67	41.38	45.25			
219.1					12.30	13.90	15.50	17.00	19.10	21.20	23.80	26.40	29.50	33.10	37.10	41.60	45.60	51.60	56.45	63.68		
244.5					13.74	15.51	17.28	19.04	21.39	23.72	26.63	29.53	32.99	37.01	41.57	46.66	51.15	57.83	63.34	71.51		
273					15.40	17.30	19.30	21.30	23.90	26.50	29.80	33.00	36.90	41.40	46.60	52.30	57.30	64.90	71.07	80.3		
323.9						20.6	22.96	25.31	28.43	31.55	35.44	39.32	43.96	49.34	55.47	62.32	68.38	77.41	84.88	95.99		
339.7						21.6	24.09	26.55	29.84	33.11	37.2	41.27	46.14	51.8	58.23	65.44	71.81	81.3	89.16	100.9		

