

# CASING

## API 5CT- 2011 TECHNICAL SPECIFICATIONS FOR CASING

### Sizes, masses, wall thickness, grade and applicable end-finish

Size designation	Outside diameter		Weight per length unit				Wall thickness		Inside diameter		Drift diameter		Steel grade	Type of end-finish		
			T&C		PE									SC	LC	BC
	in	mm	Lb/ft	Kg/m	Lb/ft	Kg/m	in	mm	in	mm	in	mm				
4 ½	4.500	114.30	9.50	14.14	9.41	14.00	0.205	5.21	4.090	103.89	3.965	100.71	H40; J55; K55	-	-	-
			10.50	15.63	10.24	15.24	0.224	5.69	4.052	102.92	3.927	99.75	J55; K55	-	-	-
			11.60	17.26	11.36	16.91	0.250	6.35	4.000	101.60	3.875	98.43	J55; K55; L80; N80; P110	-	-	.*
			13.50	20.09	13.05	19.42	0.290	7.37	3.920	99.57	3.795	96.39	L80; N80; P110	-	-	-
			15.10	22.47	15.00	22.32	0.337	8.56	3.826	97.18	3.701	94.01	P110	-	-	-
5 ½	5.500	139.70	14.00	20.83	13.71	20.40	0.244	6.20	5.012	127.30	4.887	124.13	H40; J55; K55; N80(1); N80(Q); R95; M65; L80(1); C90; T95; C110; P110; Q125	-	-	-
			15.50	23.07	15.36	22.86	0.275	6.99	4.950	125.73	4.825	122.56	H40; J55; K55; N80(1); N80(Q); R95; M65; L80(1); C90; T95; C110; P110; Q125	-	-	-
			17.00	25.30	16.89	25.14	0.304	7.72	4.892	124.26	4.767	121.08	H40; J55; K55; N80(1); N80(Q); R95; M65; L80(1); C90; T95; C110; P110; Q125	-	-	-
			20.00	29.76	19.83	29.51	0.361	9.17	4.778	121.36	4.653	118.19	H40; J55; K55; N80(1); N80(Q); R95; M65; L80(1); C90; T95; C110; P110; Q125	-	-	-
			23.00	34.23	22.56	33.57	0.415	10.54	4.670	118.62	4.545	115.44	H40; J55; K55; N80(1); N80(Q); R95; M65; L80(1); C90; T95; C110; P110; Q125	-	-	-
6 ¾	6.625	168.30	20.00	29.76	19.51	29.03	0.288	7.32	6.049	153.64	5.924	150.47	H40; J55; K55; N80(1); N80(Q); R95; M65; L80(1); C90; T95; C110; P110; Q125	-	-	-
			24.00	35.72	23.60	35.12	0.352	8.94	5.921	150.39	5.796	147.22	H40; J55; K55; N80(1); N80(Q); R95; M65; L80(1); C90; T95; C110; P110; Q125	-	-	-
			28.00	41.67	27.67	41.18	0.417	10.59	5.791	147.09	5.666	143.92	H40; J55; K55; N80(1); N80(Q); R95; M65; L80(1); C90; T95; C110; P110; Q125	-	-	-
			32.00	47.62	31.23	46.48	0.475	12.07	5.675	144.15	5.550	140.97	H40; J55; K55; N80(1); N80(Q); R95; M65; L80(1); C90; T95; C110; P110; Q125	-	-	-
7	7.000	177.80	17.00	25.30	16.72	24.88	0.231	5.87	6.538	166.07	6.413	162.89	H40	.*	-	-
			20.00	29.76	19.56	29.11	0.272	6.91	6.456	163.98	6.331	160.81	H40, J55, K55	-	-	-
			23.00	34.23	22.65	33.71	0.317	8.05	6.366	161.70	6.241	158.52	H40; J55; K55; N80(1); N80(Q); R95; M65; L80(1); C90; T95; C110; P110; Q125	-	-	-
			26.00	38.69	25.69	38.23	0.362	9.19	6.276	159.41	6.151	156.24	H40; J55; K55; N80(1); N80(Q); R95; M65; L80(1); C90; T95; C110; P110; Q125	-	-	-
			29.00	43.16	28.75	42.78	0.408	10.36	6.184	157.07	6.059	153.90	H40; J55; K55; N80(1); N80(Q); R95; M65; L80(1); C90; T95; C110; P110; Q125	-	-	-
			32.00	47.62	31.70	47.17	0.453	11.51	6.094	154.79	5.969	151.61	H40; J55; K55; N80(1); N80(Q); R95; M65; L80(1); C90; T95; C110; P110; Q125	-	-	-
			35.00	52.09	34.61	51.51	0.498	12.65	6.004	152.50	5.879	149.33	H40; J55; K55; N80(1); N80(Q); R95; M65; L80(1); C90; T95; C110; P110; Q125	-	-	-
			38.00	56.55	37.29	55.49	0.540	13.72	5.920	150.37	5.795	147.19	H40; J55; K55; N80(1); N80(Q); R95; M65; L80(1); C90; T95; C110; P110; Q125	-	-	-
7 ¾	7.625	193.70	24.00	35.72	23.49	34.96	0.300	7.62	7.025	178.44	6.900	175.26	H40; J55; K55; N80(1); N80(Q); R95; M65; L80(1); C90; T95; C110; P110; Q125	-	-	-
			26.40	39.29	25.59	38.08	0.328	8.33	6.969	177.01	6.844	173.84	H40; J55; K55; N80(1); N80(Q); R95; M65; L80(1); C90; T95; C110; P110; Q125	-	-	-
			29.70	44.20	29.06	43.25	0.375	9.53	6.875	174.63	6.750	171.45	H40; J55; K55; N80(1); N80(Q); R95; M65; L80(1); C90; T95; C110; P110; Q125	-	-	-
			33.70	50.15	33.07	49.21	0.430	10.92	6.765	171.83	6.640	168.66	H40; J55; K55; N80(1); N80(Q); R95; M65; L80(1); C90; T95; C110; P110; Q125	-	-	-
			39.00	58.04	38.08	56.67	0.500	12.70	6.625	168.28	6.500	165.10	H40; J55; K55; N80(1); N80(Q); R95; M65; L80(1); C90; T95; C110; P110; Q125	-	-	-

Size designation	Outside diameter		Weight per length unit				Wall thickness		Inside diameter		Drift diameter		Steel grade	Type of end-finish		
			T&C		PE									SC	LC	BC
	in	mm	Lb/ft	Kg/m	Lb/ft	Kg/m	in	mm	in	mm	in	mm				
7 %	7.625	193.70	42.80	63.69	42.43	63.14	0.562	14.27	6.501	165.13	6.376	161.95	H40; J55; K55; N80(1); N80(Q); R95; M65; L80(1); C90; T95; C110; P110; Q125	-		
			45.30	67.41	44.71	66.54	0.595	15.11	6.435	163.45	6.310	160.27	H40; J55; K55; N80(1); N80(Q); R95; M65; L80(1); C90; T95; C110; P110; Q125	-		
			47.10	70.09	46.77	69.60	0.625	15.88	6.375	161.93	6.250	158.75	H40; J55; K55; N80(1); N80(Q); R95; M65; L80(1); C90; T95; C110; P110; Q125	-		
8 %	8.625	219.10	24.00	35.72	23.60	35.12	0.264	6.71	8.097	205.66	7.972	202.49	J55; K55		-	-
			28.00	41.67	27.04	40.24	0.304	7.72	8.017	203.63	7.892	200.46	H40; J55; K55; N80(1); N80(Q); R95; M65; L80(1); C90; T95; C110; P110; Q125		-	-
			32.00	47.62	31.13	46.33	0.352	8.94	7.921	201.19	7.796	198.02	H40; J55; K55; N80(1); N80(Q); R95; M65; L80(1); C90; T95; C110; P110; Q125			
			36.00	53.57	35.17	52.34	0.400	10.16	7.825	198.76	7.700	195.58	H40; J55; K55; N80(1); N80(Q); R95; M65; L80(1); C90; T95; C110; P110; Q125			
			40.00	59.53	39.33	58.53	0.450	11.43	7.725	196.22	7.600	193.04	H40; J55; K55; N80(1); N80(Q); R95; M65; L80(1); C90; T95; C110; P110; Q125	-		
			44.00	65.48	43.43	64.63	0.500	12.70	7.625	193.68	7.500	190.50	H40; J55; K55; N80(1); N80(Q); R95; M65; L80(1); C90; T95; C110; P110; Q125	-		
			49.00	72.92	48.04	71.49	0.557	14.15	7.511	190.78	7.386	187.60	H40; J55; K55; N80(1); N80(Q); R95; M65; L80(1); C90; T95; C110; P110; Q125	-		
9 %	9.625	244.50	32.30	48.07	31.06	46.22	0.312	7.92	9.001	228.63	8.845	224.66	H40; J55; K55; N80(1); N80(Q); R95; M65; L80(1); C90; T95; C110; P110; Q125		-	-
			36.00	53.57	34.89	51.92	0.352	8.94	8.921	226.59	8.765	222.63	H40; J55; K55; N80(1); N80(Q); R95; M65; L80(1); C90; T95; C110; P110; Q125			
			40.00	59.53	38.97	57.99	0.395	10.03	8.835	224.41	8.679	220.45	H40; J55; K55; N80(1); N80(Q); R95; M65; L80(1); C90; T95; C110; P110; Q125			
			43.50	64.74	42.73	63.59	0.435	11.05	8.755	222.38	8.599	218.41	H40; J55; K55; N80(1); N80(Q); R95; M65; L80(1); C90; T95; C110; P110; Q125	-		
			47.00	69.94	46.18	68.72	0.472	11.99	8.681	220.50	8.525	216.54	H40; J55; K55; N80(1); N80(Q); R95; M65; L80(1); C90; T95; C110; P110; Q125	-		
			53.50	79.62	52.90	78.72	0.545	13.84	8.535	216.79	8.379	212.83	H40; J55; K55; N80(1); N80(Q); R95; M65; L80(1); C90; T95; C110; P110; Q125	-		
			58.40	86.91	57.44	85.48	0.595	15.11	8.435	214.25	8.279	210.29	H40; J55; K55; N80(1); N80(Q); R95; M65; L80(1); C90; T95; C110; P110; Q125	-		
10 ¾	10.750	273.00	32.75	48.74	31.23	46.48	0.279	7.09	10.192	258.88	10.036	254.91	H40		-	-
			40.50	60.27	38.91	57.90	0.350	8.89	10.050	255.27	9.894	251.31	H40; J55; K55; N80(1); N80(Q); R95; M65; L80(1); C90; T95; C110; P110; Q125		-	
			45.50	67.71	44.26	65.87	0.400	10.16	9.950	252.73	9.794	248.77	H40; J55; K55; N80(1); N80(Q); R95; M65; L80(1); C90; T95; C110; P110; Q125		-	
			51.00	75.90	49.55	73.74	0.450	11.43	9.850	250.19	9.694	246.23	H40; J55; K55; N80(1); N80(Q); R95; M65; L80(1); C90; T95; C110; P110; Q125		-	
			55.50	82.59	54.26	80.75	0.495	12.57	9.760	247.90	9.604	243.94	H40; J55; K55; N80(1); N80(Q); R95; M65; L80(1); C90; T95; C110; P110; Q125		-	
			60.70	90.33	59.45	88.47	0.545	13.84	9.660	245.4	9.504	241.40	H40; J55; K55; N80(1); N80(Q); R95; M65; L80(1); C90; T95; C110; P110; Q125		-	
			65.70	97.77	64.59	96.12	0.595	15.11	9.560	242.8	9.404	238.86	H40; J55; K55; N80(1); N80(Q); R95; M65; L80(1); C90; T95; C110; P110; Q125		-	
11 ¾	11.750	298.40	42.00	62.50	40.64	60.48	0.333	8.46	11.084	281.53	10.928	277.57	H40; J55; K55; N80(1); N80(Q); R95; M65; L80(1); C90; T95; C110; P110; Q125	*	-	-
			47.00	69.94	45.60	67.86	0.375	9.53	11.000	279.40	10.844	275.44	H40; J55; K55; N80(1); N80(Q); R95; M65; L80(1); C90; T95; C110; P110; Q125	*	-	
			54.00	80.36	52.62	78.31	0.435	11.05	10.880	276.35	10.724	272.39	H40; J55; K55; N80(1); N80(Q); R95; M65; L80(1); C90; T95; C110; P110; Q125	*	-	
			60.00	89.29	58.87	87.61	0.489	12.42	10.772	273.61	10.616	269.65	H40; J55; K55; N80(1); N80(Q); R95; M65; L80(1); C90; T95; C110; P110; Q125	*	-	
			65.00	96.73	64.03	95.29	0.534	13.56	10.682	271.32	10.526	267.36	N80 (type 1)	*	-	-
			71.00	105.66	69.48	103.40	0.582	14.78	10.586	268.88	10.430	264.92	N80 (type 1)	*	-	-
13 %	13.375	339.70	48.00	71.43	46.02	68.49	0.330	8.38	12.715	322.96	12.559	319.00	H40; J55; K55; N80(1); N80(Q); R95; M65; L80(1); C90; T95; C110; P110; Q125		-	-
			54.50	81.10	52.79	78.56	0.380	9.65	12.615	320.42	12.459	316.46	H40; J55; K55; N80(1); N80(Q); R95; M65; L80(1); C90; T95; C110; P110; Q125		-	
			61.00	90.78	59.50	88.55	0.430	10.92	12.515	317.88	12.359	313.92	H40; J55; K55; N80(1); N80(Q); R95; M65; L80(1); C90; T95; C110; P110; Q125		-	
			68.00	101.19	66.17	98.47	0.480	12.19	12.415	315.34	12.259	311.38	H40; J55; K55; N80(1); N80(Q); R95; M65; L80(1); C90; T95; C110; P110; Q125		-	
			107.15	70.67	105.17	0.514	13.06	12.347	313.61	12.191	309.65	H40; J55; K55; N80(1); N80(Q); R95; M65; L80(1); C90; T95; C110; P110; Q125		-		

\* Measuring tools' purchase is required- the order must be agreed upon with the mill

# API 5CT-2011 TECHNICAL SPECIFICATIONS FOR ERW CASING

## Sizes, masses, wall thickness, grade and applicable end-finish

Size designation	Outside diameter		Wall thickness		Weight per length unit			Steel grade	Product specification level	Type of end-finish		
					PE		T&C			SC	LC	BC
	in	mm	in	mm	lb/ft	kg/m	kg/m					
8 <sup>3</sup> / <sub>8</sub>	8.6	219.08	0.264	6.71	77.16	35.15	35.72	H40; J55	PSL-1	+		
			0.304	7.72	88.18	40.24	41.67			+		
			0.352	8.94	101.41	46.33	47.62			+	+	+
			0.395	10.16	114.64	52.35	53.57			+	+	+
10 <sup>3</sup> / <sub>4</sub>	10.8	273.05	0.279	7.09	101.41	46.50	48.74			+		
			0.350	8.89	125.66	57.91	60.27			+	+	+
			0.400	10.16	143.30	65.87	67.71			+	+	+
16	16.0	406.4	0.375	9.53	205.03	93.27	-			plain ends		
			0.438	11.13	238.10	108.49	-					
20	20.0	508.0	0.438	11.13	299.83	136.38	-					

