

COILED TUBING

O.D.: 25.4mm~88.9mm
Length: Max. 8000m
Steel grade: CT55~CT110
Specification: API Spec 5ST



Technical specification and parameters for coiled tubing

O.D.W.T.	Inch	1"	1.25"	1.5"	1.75"	2"	2.375"	2.625"	2.875"	3.25"	3.5"
Inch	mm	25.4	31.75	38.1	44.45	50.8	60.325	66.675	73.025	82.55	88.9
0.075"	1.905										
0.080"	2.032										
0.083"	2.108										
0.087"	2.210										
0.095"	2.413										
0.102"	2.591										
0.109"	2.769										
0.118"	2.997										
0.125"	3.175										
0.134"	3.404										
0.145"	3.683										
0.156"	3.962										
0.175"	4.445										
0.188"	4.775										
0.204"	5.182										
0.224"	5.690										
0.250"	6.350										
Grade	Minimum Yield Strength/Mpa	Minimum Tensile Strength/Mpa	Maximum Rockwell Hardness/HRC								
CT55	379	483	22								
CT70	483	586	22								
CT80	551	654	22								
CT90	620	676	22								
CT100	689	758	22								
CT110	758	814	22								

CASING & TUBING

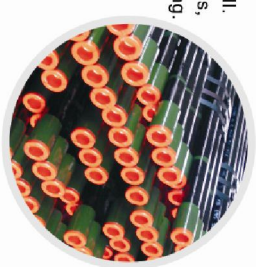
Standard: API SPEC 5CT Standard
Use: Seamless steel tubes for oil casing and tubing in oil and gas well.
Casing pipe is the steel Pipe to support the wall of oil and gas wells, divided into surface casing, protective casing and production casing.

Steel grade: J55, K55, N80, L80, C90, T95, P110, Q125

Size: 4 1/2"-20" for Seamless Casing

1.05"-4 1/2" for Seamless Tubing

Length: R1/R2/R3



Dimensional tolerances:

Types of steel tubes	Outer diameter		Wall thickness
	Tube sizes(mm)	Tolerances(mm)	
Cold-rolled tubes	< 114.3	±0.79	-12.5%
	≥ 114.3	-0.5%, +1%	

Mechanical properties:

Standard	Models of steel tubes	Tensile strength (MPa)	Yield strength (MPa)	Elongation (%)	Hardness
API SPEC 5CT	J55	≥517	379~552	check the table	≤241HB
	K55	≥517	≥655		
	N80	≥689	552~758		
	L80(13Cr)	≥655	552~655		
	P110	≥862	758~965		

Chemical Composition:

Standard of steel tubes	Models of steel tubes	Chemical compositions (%)										
		C	Si	Mn	P	S	Cr	Ni	Cu	Mo	V	Als
API SPEC 5CT	J55K55 (37Mn5)	0.34~0.39	0.2~0.35	1.25~1.5	≤0.02	≤0.015	≤0.15	≤0.20	≤0.20			≤0.02
	N80 (36 Mn2V)	0.34~0.38	0.2~0.35	1.45~1.7	≤0.02	≤0.015	≤0.15				0.11~0.16	≤0.02
P110 (30CrMo)	L80 (13Cr)	0.15~0.22	≤1.0	0.25~1.0	≤0.02	≤0.010	12.0~14.0	≤0.20	≤0.20			≤0.02
	P110	0.26~0.35	0.17~0.37	0.40~0.7	≤0.02	≤0.010	0.8~1.1	≤0.20	≤0.20	0.15~0.25	≤0.08	≤0.02

Note: Also we can supply you pup joint and coupling (coupling stock and coupling blank for tubing and Casing.)