

Coiled Tubing

Innovative Production offers a variety of high quality, laser welded, continuous coil and capillary tubing for use in the most challenging downhole environments. Applications include standard well workover, velocity/production strings, and special application strings with factory installed wireline.

All coil tubing is manufactured under API 5ST, API Spec Q1, ISO9001, ISO14000, and OHSAS1800 with grades CT70, CT80, CT90, CT100 and CT110. Size ranges are available from 1/8" to 5" with wall thickness from 0.080" up to 0.300".

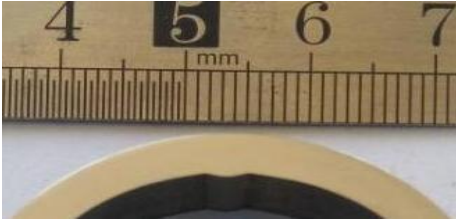
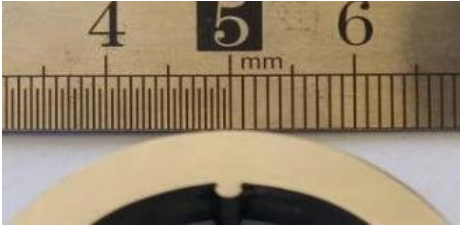


All coil tubing and capillary lines undergo a rigorous QA/QC procedure that include the following tests:

Mechanical Performance Tests	Tensile
	Flattening
	Flaring
	Flange
	Reverse Flattening
	Reverse Bend
	Hardness
	Fatigue
Physical Tests	Metallographic
	Intergranular Corrosion
Chemical Analysis	Spectral Analysis
Non-Destructive Tests	ET
	UT
	RT
Pressure Tests	Hydrostatic
	Air-Underwater

Innovative Production offers coil and capillary tubing that is manufactured with a laser-welded seam to minimize the residual height of the inner-flash. This process, while slower to manufacture, offers superior downhole reliability and ensures tools can pass without obstruction.

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Company	Inner Flash	Residual Height
Innovative Production (laser weld)		0.3 mm
Others (ERW)		1.1 mm



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Others

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Innovative Production’s Coil Tubing portfolio consists of API 5ST and API Spec Q1 grades of conventional CT70 – CT110 with specialty corrosion resistant alloys available on request.

Coil Tubing Chemical Composition					
Grade	C (max)	Mn (max)	P (max)	S (max)	Si (max)
CT70	0.16	1.2	0.025	0.005	0.5
CT80	0.16	1.2	0.02	0.005	0.5
CT90	0.16	1.2	0.02	0.005	0.5
CT100	0.16	1.65	0.025	0.005	0.5
CT110	0.16	1.65	0.025	0.005	0.5

Coil Tubing Mechanical Properties			
Grade	Min Yield (ksi)	Min Tensile (ksi)	Max Hardness (HRC)
CT70	70	80	22
CT80	80	88	22
CT90	90	97	22
CT100	100	108	28
CT110	110	115	30

Wall Thickness (in)	Outside Diameter (in)											
	0.750	1.000	1.250	1.500	1.750	2.000	2.375	2.625	2.875	3.250	3.500	4.500
0.075												
0.080												
0.083												
0.087												
0.095												
0.102												
0.109												
0.118												
0.125												
0.134												
0.145												
0.156												
0.175												
0.188												
0.204												
0.224												
0.250												
0.276												
0.281												
0.300												

*Non-standard sizes available upon request