



Hall Longmore

Steel Pipe for Water, Petrochemicals, Gas, Construction and Mining

90
YEARS
Est. 1924

Manufacturing Pipe
Since 1924.

Oil Country Tubular Goods (OCTG)



Tubing and Casing

- To API 5CT – J55 (Optional: Fully Upgradable Material) and H40 specifications.
- Regular and alternative drifts available.
- Threading and value add available on request.

J55 Tubing Parameters

OUTSIDE DIAM			Labels	Wall Thickness		Inside Diameter	Drift Mandrel Size				Calculated Mass		Hydro Test			
Imp	Imp Fact	Mm		Imp	mm		Diameter		Length	Wpe	Wpe					
Imp	Imp Fact	Mm	Product		Imp	mm	mm	Std mm	Std Imp	Alt mm	Alt Imp	Mm	Kg/m	lb/ft	Mpa	Psi
.		60.32	J55T	4.00	0.167	4.24	51.84	49.46	1.947			1067	5.86	3.94	32	4649
		60.32	J55T	4.60	0.190	4.83	50.67	48.29	1.901			1067	6.61	4.44	36	5289
2.3/8	2.375	60.32	J55T	5.80	0.254	6.45	47.42	45.04	1.773			1067	8.57	5.76	49	7070
		60.32	J55T	6.60	0.295	7.49	45.33	42.95	1.691			1067	9.76	6.56	56	8122
		60.32	J55T	7.35	0.336	8.53	43.25	40.87	1.609			1067	10.89	7.31	64	9353
		73.02	J55T	6.40	0.217	5.51	62.00	59.62	2.347			1067	9.17	6.16	34	4990
		73.02	J55T	7.80	0.276	7.01	59.00	59.62	2.229			1067	11.41	7.66	44	6347
		73.02	J55T	8.60	0.308	7.82	57.37	54.99	2.165			1067	12.57	8.44	49	7082
2.7/8	2.875	73.02	J55T	8.60	0.340	8.64	55.75	53.37	2.101			1067	13.72	9.22	54	7818
		73.02	J55T	10.50	0.392	9.96	53.11	50.73	1.997			1067	15.49	10.40	62	9017
		73.02	J55T	11.50	0.440	11.18	50.67	48.29	1.901			1067	17.05	11.45	70	10118
		88.9	J55T	7.70	0.216	5.49	62.05	59.67	2.349			1067	11.29	7.58	28	4080
		88.9	J55T	9.20	0.254	6.45	76.00	72.82	2.867			1067	13.12	8.81	33	4797
3.1/2	3.5	88.9	J55T	10.20	0.289	7.34	74.22	71.04	2.797			1067	17.76	9.91	38	5458
		88.9	J55T	12.70	0.375	9.53	69.85	66.67	2.625			1067	18.64	12.52	49	7083
		88.9	J55T	14.30	0.430	10.92	67.06	63.88	2.515			1067	21.00	14.11	56	8121
		88.9	J55T	15.50	0.476	12.09	64.72	61.54	2.423			1067	22.90	15.38	62	8990
		114.3	J55T	12.60	0.271	6.88	100.53	97.35	3.833			1067	18.23	12.25	27	3981
		114.3	J55T	15.20	0.337	8.56	97.18	94.00	3.701			1067	22.32	14.99	34	4951
4.1/2	4.5	114.3	J55T	17.00	0.380	9.65	95.00	91.82	3.615			1067	24.90	16.73	38	5582
		114.3	J55T	18.90	0.430	10.92	92.46	89.28	3.515			1067	27.84	18.70	43	6317
		114.3	J55T	21.50	0.500	12.70	88.90	85.72	3.375			1067	31.82	21.37	51	7345

Notes

Tensile and hardness requirements	Min	Max
Yield	379	552.00
Tensile	517	

Quality

The Ultrasonic Testing of the weld line conducted after hydro testing is essential when years of trouble free casing service is required. The Hall Longmore name is synonymous with quality and to this end hold the accreditation of the American Petroleum Institute (API 5CT, API 5L), ISO 9001 : 2008, OHSAS 18001:2007 and OSO 14001: 2004 certification.

J55 Casing Parameters

OUTSIDE DIAM				Labels	Wall Thickness		Inside Diameter	Drift Mandrel Size				Calculated Mass				
Imp	Imp Fact	Mm	Product		Imp	mm	mm	Diameter			Length	Wpe	Wpe	Hydro Test		
							Std mm	Std Imp	Alt mm	Alt Imp	Mm	Kg/m	lb/ft	Mpa	Psi	
		114.3	J55C	9.50	0.205	5.21	103.89	100.71	3.965			152	14.02	9.42	21	3011
		114.3	J55C	10.50	0.224	5.69	102.92	99.74	3.927			152	15.24	10.24	23	3291
4.1/2	4.5	114.3	J55C	11.60	0.250	6.35	101.60	98.42	3.875			152	16.91	11.36	25	36973
		114.3	J55C	13.50	0.290	7.37	99.57	96.39	3.795			152	19.44	13.06	29	4260
		114.3	J55C	15.10	0.337	8.56	97.18	94.00	3.701			152	22.32	14.99	34	4951
		139.7	J55C	14.00	0.244	6.20	101.90	98.72	3.887			152	20.41	13.71	20	2933
		139.7	J55C	15.50	0.275	6.99	100.33	97.15	3.825			152	22.85	15.35	23	3305
5.1/2	5.5	139.7	J55C	17.00	0.304	7.72	124.26	121.08	4.767			152	29.52	19.83	25	3654
		139.7	J55C	20.00	0.361	9.17	121.36	121.08	4.767			152	33.57	22.55	30	4339
		139.7	J55C	23.00	0.415	10.54	118.62	121.08	4.767			152	39.78	26.72	34	4988
		139.7	J55C	26.80	0.500	12.70	114.30	121.08	4.767			152	44.14	29.65	41	6010
7	7	177.8	J55C	26.00	0.362	9.19	159.41	156.24	6.151			152	38.21	25.67	24	3419
		177.8	J55C	29.00	0.408	10.36	157.07	153.9	6.059			152	42.78	28.74	27	3853
		219.08	J55C	24.00	0.264	6.71	205.66	202.48	7.972			152	35.12	23.59	14	2023
8.5/8	8.625	219.08	J55C	28.00	0.304	7.72	203.63	200.46	7.892			152	40.24	27.03	16	2330
		219.08	J55C	32.00	0.352	8.94	201.19	198.01	7.796	200.02	7.875	152	46.33	31.22	19	2698
		219.08	J55C	36.00	0.400	10.16	198.76	195.58	7.700			152	52.34	35.16	21	3066
		244.48	J55C	32.30	.312	7.92	228.63	224.65	8.844			305	46.23	31.05	15	2143
9.5/8	9.625	244.48	J55C	36.00	0.352	8.94	226.59	222.63	8.765			305	51.93	34.88	17	2418
		244.48	J55C	40.00	0.395	10.03	224.41	220.44	8.679	222.25	8.750	305	58.00	38.96	19	2713
		273.05	J55C	32.75	0.279	7.09	258.88	254.91	10.036			305	46.48	31.22	12	1716
10.3/4	10.75	273.05	J55C	40.50	0.350	8.89	255.27	251.31	9.894			305	57.91	38.90	15	2152
		273.05	J55C	45.50	0.400	10.16	252.73	248.76	9.794	250.82	9.875	305	65.87	44.24	17	2460
		273.05	J55C	51.00	0.450	11.43	250.19	246.23	9.694			305	73.74	49.53	19	2767
		298.45	J55C	42.00	0.333	8.46	256.13	277.50	10.925	279.40	11.000	305	60.49	40.63	13	1873
11.3/4	11.75	298.45	J55C	47.00	0.375	9.53	254.00	275.44	10.844			305	67.86	45.59	15	2110
		298.45	J55C	54.00	0.435	11.05	250.95	272.39	10.724			305	78.31	52.60	17	2447
		298.45	J55C	60.00	0.489	12.42	248.21	269.65	10.616	269.88	10.625	305	87.61	58.85	19	2751
		339.73	J55C	48.00	0.660	8.38	322.96	318.99	12.559			305	68.49	46.00	11	1631
13.3/8	13.375	339.73	J55C	54.50	0.380	9.65	320.42	316.45	12.459			305	78.56	52.77	13	1878
		339.73	J55C	61.00	0.430	10.92	317.88	313.91	12.359			305	88.56	59.49	15	2125
		339.73	J55C	68.00	0.480	12.19	315.34	311.37	12.259			305	98.47	66.15	16	2372
		406.40	J55C	65.00	0.375	9.53	387.35	382.57	15.062			305	93.22	62.62	11	1549
16	16	406.40	J55C	75.00	0.438	11.13	384.15	379.37	14.936			305	108.44	72.84	12	1810
		406.40	J55C	84.00	0.495	12.57	381.25	376.48	14.822			305	122.11	82.02	14	2045
18.5/8	18.625	473.075	J55C	87.50	0.435	11.049	450.98	446.22	17.568			305	125.89	84.56	11	1544
		508	J55C	94.00	0.438	11.125	485.75	480.97	18.936			305	136.32	91.56	10	1448
20			J55C	106.50	0.500	12.7	482.60	477.85	18.812			305	155.112	104.19	11	1653

About Hall Longmore

Established in 1924, Hall Longmore is ranked amongst the leading international manufacturers of Oil Country Tubular Goods (OCTG), Electric Resistance Welded (ERW) and Spiral Welded (SAW) steel pipe for the transportation of water, gas and petro chemicals. The state-of-the art manufacturing facilities feature the most modern pipe making equipment and technology driven coatings and linings application processes.



Geographic Spread

Hall Longmore is the largest operation of its kind in Africa south of the Sahara and has supplied pipe to more than 30 countries around the world.



The Barnes Group (Est. 1994)

The South African based Barnes Group of companies is a dynamic, entrepreneurial and experienced steel manufacturing group. The various group companies operate as independent focussed business units with extensive experience and commitment to their own markets segments. Although the group has grown into a manufacturer of in excess of 300 000 tons per annum of steel products, the family owned group prides itself on its entrepreneurial spirit, its enthusiasm for doing business and its ability to service its customers with quality products on an on time basis.

Quality

Throughout its history, the Hall Longmore name has been synonymous with quality and to this end holds the accreditation of the American Petroleum Institute (API), (API 5CT, API 5L), ISO 9001 : 2008, OHSAS 18001:2007 and OSO 14001: 2004 certification.



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