

TECHNICAL INFORMATION - HSC HICOM

CASING

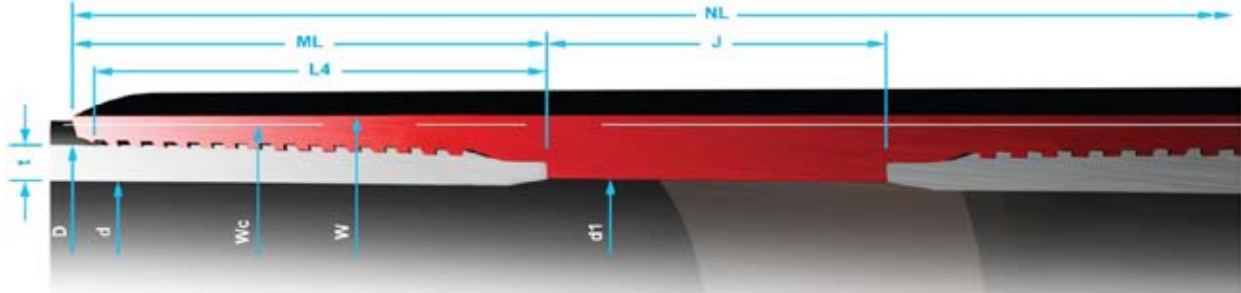


SIZE: **10 3/4"**

NOMINAL WEIGHT: **60.70 lb/ft**

WALL THICKNESS: **0.545"**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (in)	D	10.750	INSIDE DIA. (in)	d	9.660	DRIFT DIA. (in)		9.504	PLAIN END WT (lb/ft)		59.40
	GRADE					N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)					5160	5160	5460	5590	5880	6070	6550
	INTERNAL YIELD PRESSURE (psi)					7100	7100	7990	8430	9760	11090	13310
	BODY YIELD STRENGTH (kips)					1398	1398	1573	1660	1922	2184	2621
	ULTIMATE STRENGTH (kips)					1747	1660	1747	1835	2184	2359	2796
NOMINAL CROSS-SECTIONAL AREA (sq-in)					17.473	17.473	17.473	17.473	17.473	17.473	17.473	

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
	REGULAR		MINIMUM (ft.lb)		14150	14150	14690	14960	15760	16570	17920	
			OPTIMUM (ft.lb)		15720	15720	16320	16620	17510	18410	19910	
			MAXIMUM (ft.lb)		17290	17290	17950	18280	19260	20250	21900	
			BODY YIELD TORQUE (ft.lb)		326690	326690	367520	387940	449190	510450	612540	
	SPECIAL CLEARANCE		MINIMUM (ft.lb)		12740	12740	13220	13460	14180	14910	16120	
			OPTIMUM (ft.lb)		14150	14150	14690	14950	15760	16570	17910	
			MAXIMUM (ft.lb)		15570	15570	16160	16450	17340	18230	19700	

CONNECTION	COLLAPSE RESISTANCE (psi)					5160	5160	5460	5590	5880	6070	6550
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100
	INTERNAL YIELD PRESSURE (psi)					7100	7100	7990	8430	9760	11090	13310
	MAXIMUM BENDING ANGLE (° PER 100ft)					38	38	43	45	52	59	71
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					17.831	17.831	17.831	17.831	17.831	17.831	17.831
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					956	956	1075	1135	1314	1493	1792
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					510	510	573	605	701	796	955
						PARTING LOAD (kips)						
	REGULAR COUPLING O.D.					1473	1428	1544	1625	1912	2109	2513
	SPECIAL CLEARANCE COUPLING O.D.					1162	1104	1162	1220	1453	1569	1860
				OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (in³)			
	REGULAR COUPLING			W	11.613	9.760	68.28	102		6478		
	SPECIAL CLEARANCE COUPLING			Wc	11.302	9.760	48.21	70		6407		
LENGTH OF COUPLING (in)			NL	12.660	The above information is for reference only. The information is subject to change or modification without notice. Please contact HSC for the latest information							
MAKE UP LOSS (in)			ML	5.330								