

TECHNICAL INFORMATION - HSC HICOM

CASING

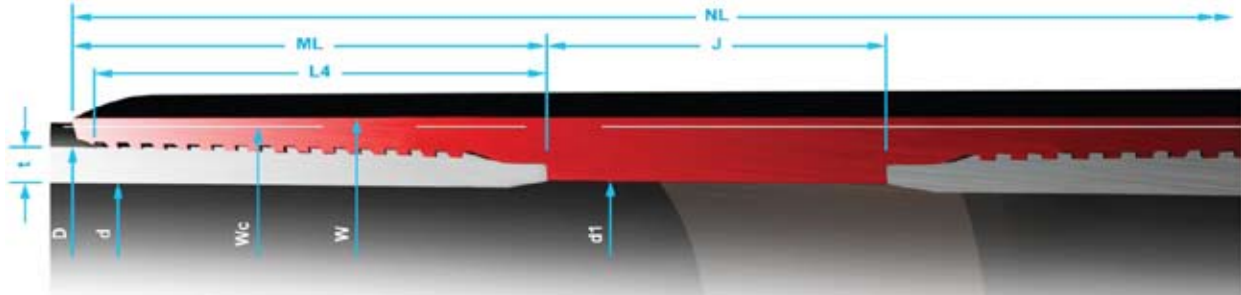


SIZE: **13 3/8"**

NOMINAL WEIGHT: **77.00 lb/ft**

WALL THICKNESS: **0.550"**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (in)	D	13.375	INSIDE DIA. (in)	d	12.275	DRIFT DIA. (in)		12.119	PLAIN END WT (lb/ft)		75.33
	GRADE					N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)					3100	3100	3270	3340	3490	3550	3550
	INTERNAL YIELD PRESSURE (psi)					5760	5760	6480	6840	7920	9000	10790
	BODY YIELD STRENGTH (kips)					1773	1773	1994	2105	2438	2770	3324
	ULTIMATE STRENGTH (kips)					2216	2105	2216	2327	2770	2992	3546
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					22.16	22.16	22.16	22.16	22.16	22.16	22.16

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
	REGULAR		MINIMUM (ft.lb)		19630	19630	20390	20770	21920	23070	24980	
			OPTIMUM (ft.lb)		21810	21810	22660	23080	24360	25630	27750	
			MAXIMUM (ft.lb)		23990	23990	24930	25390	26800	28190	30530	
			BODY YIELD TORQUE (ft.lb)		525420	525420	591100	623940	722450	820970	985160	
	SPECIAL CLEARANCE		MINIMUM (ft.lb)		17670	17670	18350	18690	19730	20760	22480	
			OPTIMUM (ft.lb)		19630	19630	20390	20770	21920	23070	24980	
			MAXIMUM (ft.lb)		21590	21590	22430	22850	24110	25380	27480	

CONNECTION	COLLAPSE RESISTANCE (psi)					3100	3100	3270	3340	3490	3550	3550
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100
	INTERNAL YIELD PRESSURE (psi)					5760	5760	6480	6840	7920	9000	10790
	MAXIMUM BENDING ANGLE (° PER 100ft)					30	30	34	35	41	47	56
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					22.607	22.607	22.607	22.607	22.607	22.607	22.607
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					1224	1224	1377	1453	1683	1912	2295
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					658	658	741	782	905	1029	1234
						PARTING LOAD (kips)						
	REGULAR COUPLING O.D.					1806	1761	1918	2019	2370	2628	3136
	SPECIAL CLEARANCE COUPLING O.D.					1474	1400	1474	1548	1843	1990	2359
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (in³)			
	REGULAR COUPLING				W	14.263	12.375	86.71	102	8217		
	SPECIAL CLEARANCE COUPLING				Wc	13.943	12.375	61.28	70	8127		
	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							

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