

TECHNICAL INFORMATION - HSC HICOM



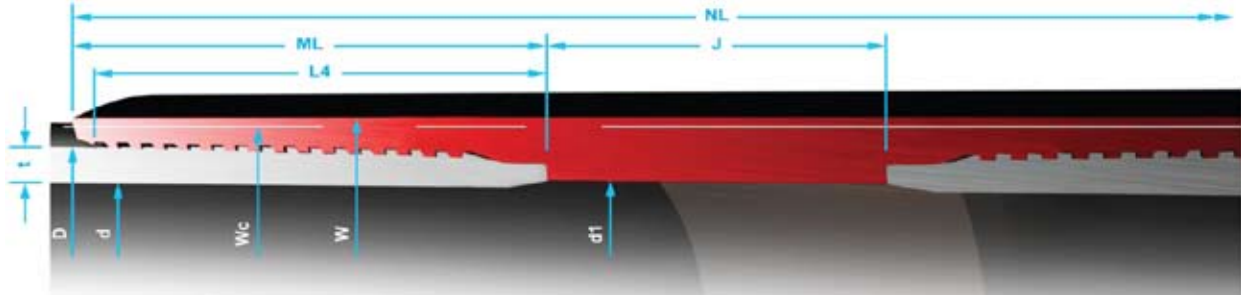
CASING

SIZE: 13 3/8"

NOMINAL WEIGHT: 85.00 lb/ft

WALL THICKNESS: 0.608"

THREADS PER INCH: 5



PIPE BODY	OUTSIDE DIA. (in)	D	13.375	INSIDE DIA. (in)	d	12.159	DRIFT DIA. (in)		12.003	PLAIN END WT (lb/ft)		82.90	
	GRADE					N80	L80	C90	C95	P110	Q125	150	
	COLLAPSE RESISTANCE (psi)					3870	3870	4050	4170	4470	4690	4830	
	INTERNAL YIELD PRESSURE (psi)					6360	6360	7160	7560	8750	9940	11930	
	BODY YIELD STRENGTH (kips)					1951	1951	2195	2317	2682	3048	3658	
	ULTIMATE STRENGTH (kips)					2439	2317	2439	2561	3048	3292	3902	
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					24.386	24.386	24.386	24.386	24.386	24.386	24.386	
	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0												
MAKE UP	REGULAR		MINIMUM (ft.lb)		22980	22980	23800	24200	25420	26660	28700		
			OPTIMUM (ft.lb)		25530	25530	26440	26890	28250	29620	31890		
			MAXIMUM (ft.lb)		28080	28080	29080	29580	31080	32580	35080		
			BODY YIELD TORQUE (ft.lb)		573230	573230	644880	680710	788190	895670	1074800		
	SPECIAL CLEARANCE		MINIMUM (ft.lb)		20680	20680	21410	21780	22890	23980	25830		
			OPTIMUM (ft.lb)		22980	22980	23790	24200	25430	26650	28700		
			MAXIMUM (ft.lb)		25280	25280	26170	26620	27970	29320	31570		
CONNECTION	COLLAPSE RESISTANCE (psi)					3870	3870	4050	4170	4470	4690	4830	
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)					6360	6360	7160	7560	8750	9940	11930	
	MAXIMUM BENDING ANGLE (° PER 100ft)					30	30	34	36	41	47	57	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					24.878	24.878	24.878	24.878	24.878	24.878	24.878	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					1405	1405	1580	1668	1932	2195	2634	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					783	783	880	929	1076	1223	1467	
						PARTING LOAD (kips)							
	REGULAR COUPLING O.D.					1988	1938	2111	2222	2608	2892	3451	
	SPECIAL CLEARANCE COUPLING O.D.					1622	1541	1622	1703	2028	2190	2596	
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (in³)		
	REGULAR COUPLING			W	14.364	12.259	96.2		102		9047		
	SPECIAL CLEARANCE COUPLING			Wc	14.014	12.259	68.22		70		8948		
	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								