

TECHNICAL INFORMATION - HSC HICOM

CASING

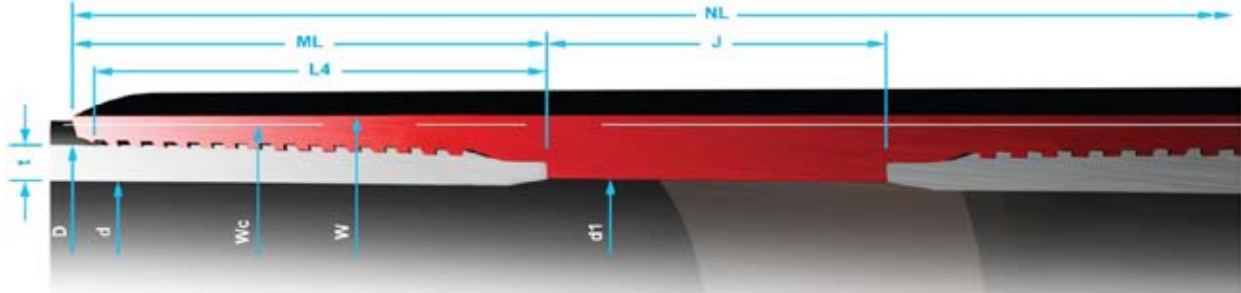


SIZE: **14"**

NOMINAL WEIGHT: **120.00 lb/ft**

WALL THICKNESS: **0.850"**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (in)	D	14.000	INSIDE DIA. (in)	d	12.300	DRIFT DIA. (in)		12.112	PLAIN END WT (lb/ft)		119.38
	GRADE					N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)					7620	7620	8260	8560	9380	10090	11010
	INTERNAL YIELD PRESSURE (psi)					8500	8500	9560	10090	11690	13280	15940
	BODY YIELD STRENGTH (kips)					2809	2809	3160	3336	3863	4389	5267
	ULTIMATE STRENGTH (kips)					3512	3336	3512	3687	4389	4741	5618
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					35.115	35.115	35.115	35.115	35.115	35.115	35.115

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
	REGULAR		MINIMUM (ft.lb)		37630	37630	38560	39020	40430	41820	44160	
			OPTIMUM (ft.lb)		41810	41810	42850	43360	44920	46470	49070	
			MAXIMUM (ft.lb)		45990	45990	47140	47700	49410	51120	53980	
			BODY YIELD TORQUE (ft.lb)		838200	838200	942970	995360	1152520	1309690	1571620	
	SPECIAL CLEARANCE		MINIMUM (ft.lb)		33870	33870	34700	35130	36390	37650	39740	
			OPTIMUM (ft.lb)		37630	37630	38560	39030	40430	41830	44160	
			MAXIMUM (ft.lb)		41390	41390	42420	42930	44470	46010	48580	

CONNECTION	COLLAPSE RESISTANCE (psi)					7620	7620	8260	8560	9380	10090	11010	
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)					8500	8500	9560	10090	11690	13280	15940	
	MAXIMUM BENDING ANGLE (° PER 100ft)					30	30	34	35	41	47	56	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					35.815	35.815	35.815	35.815	35.815	35.815	35.815	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					2251	2251	2532	2673	3095	3517	4220	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					1354	1354	1523	1607	1861	2115	2538	
						PARTING LOAD (kips)							
	REGULAR COUPLING O.D.					2839	2771	3024	3185	3734	4147	4950	
	SPECIAL CLEARANCE COUPLING O.D.					2334	2218	2334	2451	2918	3151	3735	
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (in³)			
	REGULAR COUPLING				W	15.400	12.400	141.7	102		13045		
	SPECIAL CLEARANCE COUPLING				Wc	14.928	12.400	101.38	70		12903		
	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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