

TECHNICAL INFORMATION - HSC HICOM



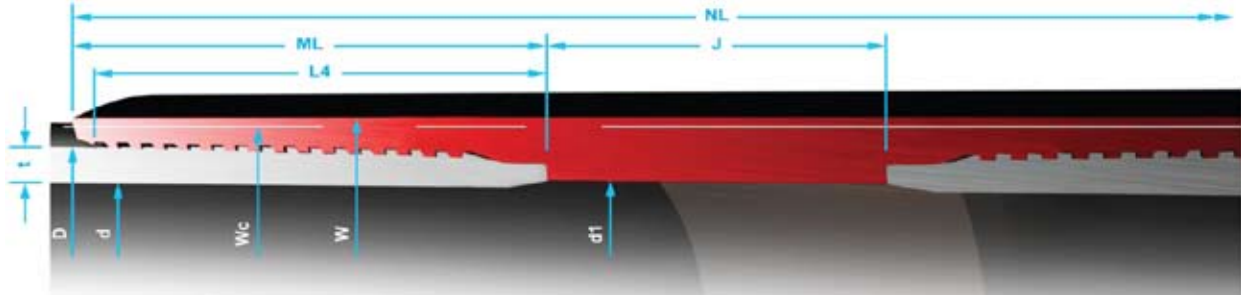
CASING

SIZE: 7"

NOMINAL WEIGHT: 32.00 lb/ft

WALL THICKNESS: 0.453"

THREADS PER INCH: 5



P I P E B O D Y	OUTSIDE DIA. (in)	D	7.000	INSIDE DIA. (in)	d	6.094	DRIFT DIA. (in)		5.969	PLAIN END WT (lb/ft)		31.67	
	GRADE					N80	L80	C90	C95	P110	Q125	150	
	COLLAPSE RESISTANCE (psi)					8610	8610	9380	9750	10780	11720	13020	
	INTERNAL YIELD PRESSURE (psi)					9060	9060	10190	10760	12460	14160	16990	
	BODY YIELD STRENGTH (kips)					745	745	839	885	1025	1165	1398	
	ULTIMATE STRENGTH (kips)					932	885	932	978	1165	1258	1491	
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					9.317	9.317	9.317	9.317	9.317	9.317	9.317	
M A K E U P	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0												
	REGULAR		MINIMUM (ft.lb)		10410	10410	10940	11200	11990	12780	14080		
			OPTIMUM (ft.lb)		11570	11570	12160	12450	13320	14200	15650		
			MAXIMUM (ft.lb)		12730	12730	13380	13700	14650	15620	17220		
			BODY YIELD TORQUE (ft.lb)		110320	110320	124110	131010	151700	172380	206860		
	SPECIAL CLEARANCE		MINIMUM (ft.lb)		9370	9370	9850	10080	10790	11500	12680		
			OPTIMUM (ft.lb)		10410	10410	10940	11200	11990	12780	14090		
MAXIMUM (ft.lb)			11450	11450	12030	12320	13190	14060	15500				
C O N N E C T I O N	COLLAPSE RESISTANCE (psi)					8610	8610	9380	9750	10780	11720	13020	
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)					9060	9060	10190	10760	12460	14160	16990	
	MAXIMUM BENDING ANGLE (° PER 100ft)					60	60	68	71	83	94	113	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					9.498	9.498	9.498	9.498	9.498	9.498	9.498	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					539	539	606	640	741	842	1011	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					302	302	340	359	416	472	567	
						PARTING LOAD (kips)							
	REGULAR COUPLING O.D.					823	791	847	891	1053	1152	1370	
	SPECIAL CLEARANCE COUPLING O.D.					620	589	620	651	775	837	991	
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (in³)		
	REGULAR COUPLING			W	7.763	6.194	29.58		102		3436		
	SPECIAL CLEARANCE COUPLING			Wc	7.515	6.194	21.60		70		3407		
	LENGTH OF COUPLING (in)			NL	9.460	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	3.730								