

TECHNICAL INFORMATION - HSC HICOM



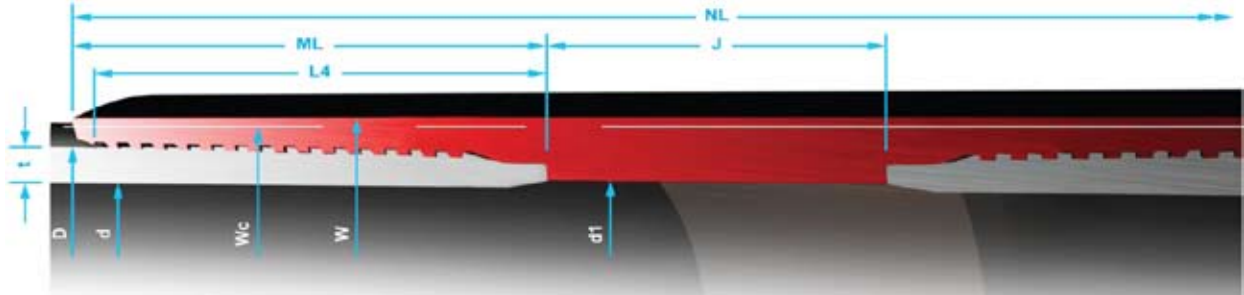
CASING

SIZE: 10 3/4"

NOMINAL WEIGHT: 45.50 lb/ft

WALL THICKNESS: 0.400"

THREADS PER INCH: 5



P I P E B O D Y	OUTSIDE DIA. (in)	D	10.750	INSIDE DIA. (in)	d	9.950	DRIFT DIA. (in)		9.794	PLAIN END WT (lb/ft)		44.22
	GRADE					N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)					2470	2470	2560	2580	2610	2610	2610
	INTERNAL YIELD PRESSURE (psi)					5210	5210	5860	6190	7160	8140	9770
	BODY YIELD STRENGTH (kips)					1040	1040	1171	1236	1431	1626	1951
	ULTIMATE STRENGTH (kips)					1301	1236	1301	1366	1626	1756	2081
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					13.006	13.006	13.006	13.006	13.006	13.006	13.006
	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
M A K E U P	REGULAR		MINIMUM (ft.lb)		8110	8110	8500	8680	9270	9850	10810	
			OPTIMUM (ft.lb)		9010	9010	9440	9650	10300	10940	12010	
			MAXIMUM (ft.lb)		9910	9910	10380	10620	11330	12030	13210	
			BODY YIELD TORQUE (ft.lb)		249800	249800	281020	296630	343470	390310	468370	
	SPECIAL CLEARANCE		MINIMUM (ft.lb)		7300	7300	7650	7820	8340	8860	9730	
			OPTIMUM (ft.lb)		8110	8110	8500	8690	9270	9840	10810	
			MAXIMUM (ft.lb)		8920	8920	9350	9560	10200	10820	11890	
C O N N E C T I O N	COLLAPSE RESISTANCE (psi)				2470	2470	2560	2580	2610	2610	2610	
	COMPRESSION RESISTANCE (%)				100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)				100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)				5210	5210	5860	6190	7160	8140	9770	
	MAXIMUM BENDING ANGLE (° PER 100ft)				37	37	41	44	51	58	69	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)				13.266	13.266	13.266	13.266	13.266	13.266	13.266	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)				592	592	666	703	814	925	1110	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)				260	260	292	308	357	406	487	
					PARTING LOAD (kips)							
	REGULAR COUPLING O.D.				1097	1063	1149	1209	1423	1570	1870	
	SPECIAL CLEARANCE COUPLING O.D.				864	821	864	908	1080	1167	1383	
				OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (in³)		
	REGULAR COUPLING		W	11.360	10.050	49.25		102		4812		
	SPECIAL CLEARANCE COUPLING		Wc	11.124	10.050	34.30		70		4760		
	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								