

# TECHNICAL INFORMATION - HSC HICOM

# CASING

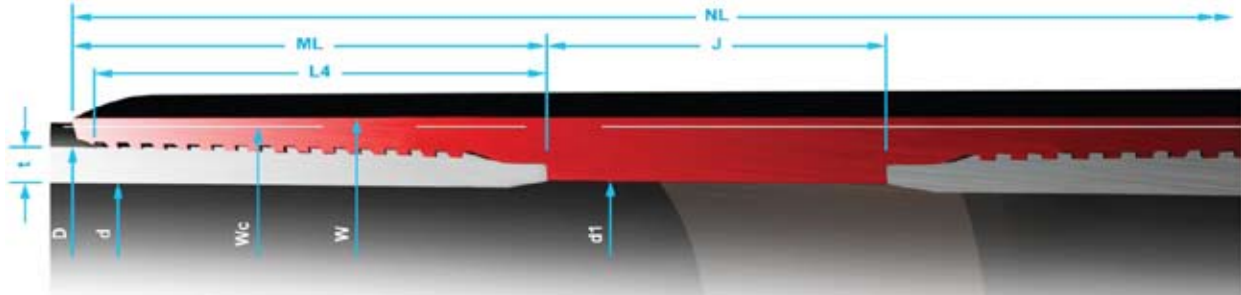


SIZE: **11 3/4"**

NOMINAL WEIGHT: **60.00 lb/ft**

WALL THICKNESS: **0.489"**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (in)	D	11.750	INSIDE DIA. (in)	d	10.772	DRIFT DIA. (in)	10.616	PLAIN END WT (lb/ft)	58.81		
	GRADE					N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)					3170	3170	3360	3430	3600	3680	3680
	INTERNAL YIELD PRESSURE (psi)					5830	5830	6560	6920	8010	9100	10920
	BODY YIELD STRENGTH (kips)					1384	1384	1557	1643	1903	2162	2595
	ULTIMATE STRENGTH (kips)					1730	1643	1730	1816	2162	2335	2768
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					17.3	17.3	17.3	17.3	17.3	17.3	17.3

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
	REGULAR	MINIMUM (ft.lb)				13330	13330	13910	14200	15080	15950	17410
		OPTIMUM (ft.lb)				14810	14810	15460	15780	16750	17720	19340
		MAXIMUM (ft.lb)				16290	16290	17010	17360	18430	19490	21270
	BODY YIELD TORQUE (ft.lb)				359990	359990	404990	427490	494980	562480	674980	
	SPECIAL CLEARANCE	MINIMUM (ft.lb)				12000	12000	12520	12790	13570	14360	15670
		OPTIMUM (ft.lb)				13330	13330	13910	14210	15080	15950	17410
		MAXIMUM (ft.lb)				14660	14660	15300	15630	16590	17550	19150

CONNECTION	COLLAPSE RESISTANCE (psi)					3170	3170	3360	3430	3600	3680	3680	
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)					5830	5830	6560	6920	8010	9100	10920	
	MAXIMUM BENDING ANGLE (° PER 100ft)					34	34	38	40	47	53	64	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					17.641	17.641	17.641	17.641	17.641	17.641	17.641	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					898	898	1010	1066	1234	1403	1683	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					457	457	514	543	629	714	857	
	PARTING LOAD (kips)												
	REGULAR COUPLING O.D.					1440	1399	1517	1596	1877	2074	2473	
	SPECIAL CLEARANCE COUPLING O.D.					1151	1094	1151	1209	1439	1554	1842	
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (in³)				
	REGULAR COUPLING				W	12.522	10.872	66.92	102	6410			
	SPECIAL CLEARANCE COUPLING				Wc	12.238	10.872	47.11	70	6340			
	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								