

TECHNICAL INFORMATION - HSC HICOM

CASING



SIZE: **13 3/8"**

NOMINAL WEIGHT: **61.00 lb/ft**

WALL THICKNESS: **0.430"**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (in)	D	13.375	INSIDE DIA. (in)	d	12.515	DRIFT DIA. (in)		12.359	PLAIN END WT (lb/ft)		59.45
	GRADE					N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)					1670	1670	1670	1670	1670	1670	1670
	INTERNAL YIELD PRESSURE (psi)					4500	4500	5060	5350	6190	7030	8440
	BODY YIELD STRENGTH (kips)					1399	1399	1574	1661	1924	2186	2623
	ULTIMATE STRENGTH (kips)					1749	1661	1749	1836	2186	2361	2798
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					17.487	17.487	17.487	17.487	17.487	17.487	17.487

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
	REGULAR		MINIMUM (ft.lb)		12690	12690	13350	13680	14660	15640	17290	
			OPTIMUM (ft.lb)		14100	14100	14830	15200	16290	17380	19210	
			MAXIMUM (ft.lb)		15510	15510	16310	16720	17920	19120	21130	
			BODY YIELD TORQUE (ft.lb)		422110	422110	474880	501260	580400	659550	791460	
	SPECIAL CLEARANCE		MINIMUM (ft.lb)		11420	11420	12020	12310	13190	14080	15550	
			OPTIMUM (ft.lb)		12690	12690	13350	13680	14660	15640	17280	
			MAXIMUM (ft.lb)		13960	13960	14690	15050	16130	17200	19010	

CONNECTION	COLLAPSE RESISTANCE (psi)					1670	1670	1670	1670	1670	1670	1670	
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)					4500	4500	5060	5350	6190	7030	8440	
	MAXIMUM BENDING ANGLE (° PER 100ft)					29	29	33	35	40	46	55	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					17.826	17.826	17.826	17.826	17.826	17.826	17.826	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					842	842	948	1000	1158	1316	1580	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					398	398	447	472	547	621	746	
						PARTING LOAD (kips)							
	REGULAR COUPLING O.D.					1426	1389	1514	1594	1870	2074	2474	
	SPECIAL CLEARANCE COUPLING O.D.					1164	1106	1164	1222	1455	1571	1862	
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (in³)			
	REGULAR COUPLING				W	14.048	12.615	66.77	102		6474		
	SPECIAL CLEARANCE COUPLING				Wc	13.793	12.615	46.78	70		6403		
	LENGTH OF COUPLING (in)				NL	12.660							
MAKE UP LOSS (in)				ML	5.330								
The above information is for reference only. The information is subject to change or modification without notice. Please contact HSC for the latest information													