

# TECHNICAL INFORMATION - HSC HICOM

# CASING



SIZE: **14"**

NOMINAL WEIGHT: **106.00 lb/ft**

WALL THICKNESS: **0.750"**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (in)	D	14.000	INSIDE DIA. (in)	d	12.500	DRIFT DIA. (in)				12.312	PLAIN END WT (lb/ft)		106.13
	GRADE						N80	L80	C90	C95	P110	Q125	150	
	COLLAPSE RESISTANCE (psi)						5870	5870	6260	6430	6880	7200	7470	
	INTERNAL YIELD PRESSURE (psi)						7500	7500	8440	8910	10310	11720	14060	
	BODY YIELD STRENGTH (kips)						2498	2498	2810	2966	3434	3902	4683	
	ULTIMATE STRENGTH (kips)						3122	2966	3122	3278	3902	4215	4995	
	NOMINAL CROSS-SECTIONAL AREA (sq-in)						31.22	31.22	31.22	31.22	31.22	31.22	31.22	

RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0										
MAKE UP	REGULAR	MINIMUM (ft.lb)		32260	32260	33170	33630	35010	36380	38670
		OPTIMUM (ft.lb)		35840	35840	36860	37370	38900	40420	42970
		MAXIMUM (ft.lb)		39420	39420	40550	41110	42790	44460	47270
	BODY YIELD TORQUE (ft.lb)		755850	755850	850340	897580	1039300	1181020	1417230	
MAKE UP	SPECIAL CLEARANCE	MINIMUM (ft.lb)		29020	29020	29850	30270	31510	32740	34810
		OPTIMUM (ft.lb)		32250	32250	33170	33630	35010	36380	38680
		MAXIMUM (ft.lb)		35480	35480	36490	36990	38510	40020	42550

CONNECTION	COLLAPSE RESISTANCE (psi)		5870	5870	6260	6430	6880	7200	7470	
	COMPRESSION RESISTANCE (%)		100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)		100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)		7500	7500	8440	8910	10310	11720	14060	
	MAXIMUM BENDING ANGLE (° PER 100ft)		29	29	33	35	40	46	55	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)		31.845	31.845	31.845	31.845	31.845	31.845	31.845	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)		1934	1934	2176	2297	2659	3022	3626	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)		1137	1137	1280	1351	1564	1777	2133	
	<b>PARTING LOAD (kips)</b>									
	REGULAR COUPLING O.D.		2524	2464	2689	2831	3320	3687	4401	
	SPECIAL CLEARANCE COUPLING O.D.		2077	1973	2077	2181	2596	2804	3323	
			OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (in³)			
	REGULAR COUPLING		W	15.235	12.600	125.02	102	11593		
	SPECIAL CLEARANCE COUPLING		Wc	14.812	12.600	89.21	70	11466		
	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							