

TECHNICAL INFORMATION - HSC HICOM

CASING



SIZE: **5"**

NOMINAL WEIGHT: **23.20 lb/ft**

WALL THICKNESS: **0.478"**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (in)	D	5.000	INSIDE DIA. (in)	d	4.044	DRIFT DIA. (in)		3.919	PLAIN END WT (lb/ft)		23.08
	GRADE					N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)					13830	13830	15560	16430	19020	21620	25940
	INTERNAL YIELD PRESSURE (psi)					13380	13380	15060	15890	18400	20910	25100
	BODY YIELD STRENGTH (kips)					543	543	611	645	747	849	1019
	ULTIMATE STRENGTH (kips)					679	645	679	713	849	917	1086
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					6.791	6.791	6.791	6.791	6.791	6.791	6.791

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
	REGULAR		MINIMUM (ft.lb)		6870	6870	7190	7350	7850	8330	9140	
			OPTIMUM (ft.lb)		7630	7630	7990	8170	8720	9260	10160	
			MAXIMUM (ft.lb)		8390	8390	8790	8990	9590	10190	11180	
			BODY YIELD TORQUE (ft.lb)		54040	54040	60800	64180	74310	84440	101330	
	SPECIAL CLEARANCE		MINIMUM (ft.lb)		6180	6180	6470	6620	7060	7500	8240	
			OPTIMUM (ft.lb)		6870	6870	7190	7360	7850	8330	9150	
			MAXIMUM (ft.lb)		7560	7560	7910	8100	8640	9160	10070	

CONNECTION	COLLAPSE RESISTANCE (psi)					13830	13830	15560	16430	19020	21620	25940	
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)					13380	13380	15060	15890	18400	20910	25100	
	MAXIMUM BENDING ANGLE (° PER 100ft)					91	91	102	108	125	142	170	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					6.924	6.924	6.924	6.924	6.924	6.924	6.924	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					395	395	444	469	543	617	740	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					222	222	250	264	306	347	417	
						PARTING LOAD (kips)							
	REGULAR COUPLING O.D.					614	589	627	659	780	851	1011	
	SPECIAL CLEARANCE COUPLING O.D.					452	429	452	474	564	610	722	
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (in³)			
	REGULAR COUPLING				W	5.764	4.144	21.6	102		2504		
	SPECIAL CLEARANCE COUPLING				Wc	5.519	4.144	15.78	70		2484		
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								