

TECHNICAL INFORMATION - HSC HICOM

CASING



SIZE: **5 1/2"**

NOMINAL WEIGHT: **28.40 lb/ft**

WALL THICKNESS: **0.530"**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (in)	D	5.500	INSIDE DIA. (in)	d	4.440	DRIFT DIA. (in)		4.315	PLAIN END WT (lb/ft)		28.13
	GRADE					N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)					13930	13930	15670	16540	19150	21760	26120
	INTERNAL YIELD PRESSURE (psi)					13490	13490	15180	16020	18550	21080	25300
	BODY YIELD STRENGTH (kips)					662	662	745	786	910	1034	1241
	ULTIMATE STRENGTH (kips)					828	786	828	869	1034	1117	1324
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					8.275	8.275	8.275	8.275	8.275	8.275	8.275

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
	REGULAR		MINIMUM (ft.lb)		8790	8790	9170	9360	9930	10500	11450	
			OPTIMUM (ft.lb)		9770	9770	10190	10400	11030	11670	12720	
			MAXIMUM (ft.lb)		10750	10750	11210	11440	12130	12840	13990	
			BODY YIELD TORQUE (ft.lb)		72340	72340	81380	85900	99460	113030	135630	
	SPECIAL CLEARANCE		MINIMUM (ft.lb)		7910	7910	8250	8420	8940	9450	10300	
			OPTIMUM (ft.lb)		8790	8790	9170	9360	9930	10500	11450	
			MAXIMUM (ft.lb)		9670	9670	10090	10300	10920	11550	12600	

CONNECTION	COLLAPSE RESISTANCE (psi)					13930	13930	15670	16540	19150	21760	26120	
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)					13490	13490	15180	16020	18550	21080	25300	
	MAXIMUM BENDING ANGLE (° PER 100ft)					83	83	93	98	114	129	155	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					8.443	8.443	8.443	8.443	8.443	8.443	8.443	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					500	500	563	594	688	782	938	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					290	290	326	344	399	453	544	
						PARTING LOAD (kips)							
	REGULAR COUPLING O.D.					744	714	761	800	947	1033	1228	
	SPECIAL CLEARANCE COUPLING O.D.					551	523	551	578	688	743	881	
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (in³)			
	REGULAR COUPLING				W	6.352	4.540	26.46	102		3052		
	SPECIAL CLEARANCE COUPLING				Wc	6.081	4.540	19.37	70		3027		
	LENGTH OF COUPLING (in)				NL	9.460							
MAKE UP LOSS (in)				ML	3.730								
The above information is for reference only. The information is subject to change or modification without notice. Please contact HSC for the latest information													