

TECHNICAL INFORMATION - HSC HICOM

CASING



SIZE: **5"**

NOMINAL WEIGHT: **24.10 lb/ft**

WALL THICKNESS: **0.500"**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (in)	D	5.000	INSIDE DIA. (in)	d	4.000	DRIFT DIA. (in)		3.875	PLAIN END WT (lb/ft)		24.03
	GRADE					N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)					14400	14400	16200	17100	19800	22500	27000
	INTERNAL YIELD PRESSURE (psi)					14000	14000	15750	16630	19250	21880	26250
	BODY YIELD STRENGTH (kips)					565	565	636	672	778	884	1060
	ULTIMATE STRENGTH (kips)					707	672	707	742	884	954	1131
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					7.069	7.069	7.069	7.069	7.069	7.069	7.069

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
	REGULAR		MINIMUM (ft.lb)		7220	7220	7550	7720	8230	8720	9570	
			OPTIMUM (ft.lb)		8020	8020	8390	8580	9140	9690	10630	
			MAXIMUM (ft.lb)		8820	8820	9230	9440	10050	10660	11690	
			BODY YIELD TORQUE (ft.lb)		55770	55770	62750	66230	76690	87150	104580	
	SPECIAL CLEARANCE		MINIMUM (ft.lb)		6500	6500	6800	6950	7400	7850	8600	
			OPTIMUM (ft.lb)		7220	7220	7550	7720	8220	8720	9560	
			MAXIMUM (ft.lb)		7940	7940	8310	8490	9040	9590	10520	

CONNECTION	COLLAPSE RESISTANCE (psi)					14400	14400	16200	17100	19800	22500	27000	
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)					14000	14000	15750	16630	19250	21880	26250	
	MAXIMUM BENDING ANGLE (° PER 100ft)					92	92	103	109	126	143	172	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					7.206	7.206	7.206	7.206	7.206	7.206	7.206	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					417	417	469	495	574	652	782	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					238	238	267	282	327	371	445	
						PARTING LOAD (kips)							
	REGULAR COUPLING O.D.					639	613	653	686	812	886	1052	
	SPECIAL CLEARANCE COUPLING O.D.					470	446	470	493	587	634	752	
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (in³)				
	REGULAR COUPLING				W	5.795	4.100	22.53	102	2607			
	SPECIAL CLEARANCE COUPLING				Wc	5.541	4.100	16.47	70	2585			
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								