

TECHNICAL INFORMATION - HSC HICOM

TUBING



SIZE: **2 3/8"**

NOMINAL WEIGHT: **4.60 lb/ft**

WALL THICKNESS: **0.190"**

THREADS PER INCH: **8**



PIPE BODY	OUTSIDE DIA. (in)	D	2.375	INSIDE DIA. (in)	d	1.995	DRIFT DIA. (in)		1.901	PLAIN END WT (lb/ft)		4.43
	GRADE					N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)					11780	11780	13250	13980	16130	17900	20660
	INTERNAL YIELD PRESSURE (psi)					11200	11200	12600	13300	15400	17500	21000
	BODY YIELD STRENGTH (kips)					104	104	117	124	143	163	196
	ULTIMATE STRENGTH (kips)					130	124	130	137	163	176	209
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					1.304	1.304	1.304	1.304	1.304	1.304	1.304

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
	REGULAR	MINIMUM (ft.lb)		750	750	780	800	860	920	1020		
		OPTIMUM (ft.lb)		830	830	870	890	960	1020	1130		
		MAXIMUM (ft.lb)		910	910	960	980	1060	1120	1240		
	BODY YIELD TORQUE (ft.lb)		5080	5080	5720	6040	6990	7940	9530			
	SPECIAL CLEARANCE	MINIMUM (ft.lb)		680	680	710	730	770	830	920		
		OPTIMUM (ft.lb)		750	750	790	810	860	920	1020		
		MAXIMUM (ft.lb)		820	820	870	890	950	1010	1120		

CONNECTION	COLLAPSE RESISTANCE (psi)		11780	11780	13250	13980	16130	17900	20660	
	COMPRESSION RESISTANCE (%)		100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)		100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)		11200	11200	12600	13300	15400	17500	21000	
	MAXIMUM BENDING ANGLE (° PER 100ft)		184	184	207	218	253	287	345	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)		1.332	1.332	1.332	1.332	1.332	1.332	1.332	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)		42	42	47	50	58	66	79	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)		11	11	13	13	15	18	21	
	PARTING LOAD (kips)									
	REGULAR COUPLING O.D.		122	116	123	129	153	166	197	
	SPECIAL CLEARANCE COUPLING O.D.		87	82	87	91	108	117	139	
			OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (in³)			
	REGULAR COUPLING		W	2.697	2.045	3.09	102	477		
	SPECIAL CLEARANCE COUPLING		Wc	2.596	2.045	2.33	70	475		
LENGTH OF COUPLING (in)		NL	6.410							
MAKE UP LOSS (in)		ML	2.205							
The above information is for reference only. The information is subject to change or modification without notice. Please contact HSC for the latest information										