

TECHNICAL INFORMATION - HSC HICOM

TUBING



SIZE: **3 1/2"**

NOMINAL WEIGHT: **9.20 lb/ft**

WALL THICKNESS: **0.254"**

THREADS PER INCH: **6**



PIPE BODY	OUTSIDE DIA. (in)	D	3.500	INSIDE DIA. (in)	d	2.992	DRIFT DIA. (in)	2.867	PLAIN END WT (lb/ft)	8.81		
	GRADE					N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)					10530	10530	11570	12080	13530	14890	16940
	INTERNAL YIELD PRESSURE (psi)					10160	10160	11430	12070	13970	15880	19050
	BODY YIELD STRENGTH (kips)					207	207	233	246	285	324	389
	ULTIMATE STRENGTH (kips)					259	246	259	272	324	350	414
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					2.59	2.59	2.59	2.59	2.59	2.59	2.59

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
	REGULAR		MINIMUM (ft.lb)			2180	2180	2300	2380	2570	2780	3110
			OPTIMUM (ft.lb)			2420	2420	2560	2640	2860	3090	3460
			MAXIMUM (ft.lb)			2660	2660	2820	2900	3150	3400	3810
			BODY YIELD TORQUE (ft.lb)			15100	15100	16990	17930	20760	23590	28310
	SPECIAL CLEARANCE		MINIMUM (ft.lb)			1950	1950	2080	2140	2320	2500	2800
			OPTIMUM (ft.lb)			2170	2170	2310	2380	2580	2780	3110
			MAXIMUM (ft.lb)			2390	2390	2540	2620	2840	3060	3420

CONNECTION	COLLAPSE RESISTANCE (psi)					10530	10530	11570	12080	13530	14890	16940	
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)					10160	10160	11430	12070	13970	15880	19050	
	MAXIMUM BENDING ANGLE (° PER 100ft)					123	123	138	146	169	192	230	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					2.645	2.645	2.645	2.645	2.645	2.645	2.645	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					105	105	118	125	145	165	197	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					39	39	44	47	54	62	74	
						PARTING LOAD (kips)							
	REGULAR COUPLING O.D.					238	228	242	254	301	328	389	
	SPECIAL CLEARANCE COUPLING O.D.					172	164	172	181	215	232	275	
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (in³)				
	REGULAR COUPLING				W	3.909	3.092	6.71	102	950			
	SPECIAL CLEARANCE COUPLING				Wc	3.771	3.092	4.91	70	943			
LENGTH OF COUPLING (in)				NL	7.660								
MAKE UP LOSS (in)				ML	2.830								
The above information is for reference only. The information is subject to change or modification without notice. Please contact HSC for the latest information													