

TECHNICAL INFORMATION - HSC HICOM

TUBING



SIZE: **2 7/8"**

NOMINAL WEIGHT: **7.80 lb/ft**

WALL THICKNESS: **0.276"**

THREADS PER INCH: **8**



PIPE BODY	OUTSIDE DIA. (in)	D	2.875	INSIDE DIA. (in)	d	2.323	DRIFT DIA. (in)	2.229	PLAIN END WT (lb/ft)	7.66	
	GRADE				N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)				13880	13880	15620	16480	19090	21690	26030
	INTERNAL YIELD PRESSURE (psi)				13440	13440	15120	15960	18480	21000	25200
	BODY YIELD STRENGTH (kips)				180	180	203	214	248	282	338
	ULTIMATE STRENGTH (kips)				225	214	225	237	282	304	361
	NOMINAL CROSS-SECTIONAL AREA (sq-in)				2.254	2.254	2.254	2.254	2.254	2.254	2.254

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0										
	REGULAR	MINIMUM (ft.lb)			1850	1850	1970	2020	2200	2380	2670
		OPTIMUM (ft.lb)			2060	2060	2190	2250	2450	2640	2970
		MAXIMUM (ft.lb)			2270	2270	2410	2480	2700	2900	3270
	BODY YIELD TORQUE (ft.lb)			10300	10300	11590	12240	14170	16100	19320	
	SPECIAL CLEARANCE	MINIMUM (ft.lb)			1660	1660	1770	1830	1980	2140	2400
		OPTIMUM (ft.lb)			1850	1850	1970	2030	2200	2380	2670
		MAXIMUM (ft.lb)			2040	2040	2170	2230	2420	2620	2940

CONNECTION	COLLAPSE RESISTANCE (psi)				13880	13880	15620	16480	19090	21690	26030	
	COMPRESSION RESISTANCE (%)				100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)				100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)				13440	13440	15120	15960	18480	21000	25200	
	MAXIMUM BENDING ANGLE (° PER 100ft)				158	158	178	187	217	247	296	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)				2.298	2.298	2.298	2.298	2.298	2.298	2.298	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)				108	108	122	129	149	169	203	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)				51	51	58	61	70	80	96	
	PARTING LOAD (kips)											
	REGULAR COUPLING O.D.				209	199	211	222	264	286	340	
	SPECIAL CLEARANCE COUPLING O.D.				150	142	150	157	187	202	239	
				OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (in³)			
	REGULAR COUPLING			W	3.334	2.423	5.27	102		825		
	SPECIAL CLEARANCE COUPLING			Wc	3.193	2.423	3.96	70		820		
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												