

TECHNICAL INFORMATION - HSC HICOM

TUBING



SIZE: **3 1/2"**

NOMINAL WEIGHT: **10.20 lb/ft**

WALL THICKNESS: **0.289"**

THREADS PER INCH: **6**



PIPE BODY	OUTSIDE DIA. (in)	D	3.500	INSIDE DIA. (in)	d	2.922	DRIFT DIA. (in)	2.797	PLAIN END WT (lb/ft)	9.91	
	GRADE				N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)				12120	12120	13640	14390	16670	18940	21950
	INTERNAL YIELD PRESSURE (psi)				11560	11560	13010	13730	15900	18060	21680
	BODY YIELD STRENGTH (kips)				233	233	262	277	321	364	437
	ULTIMATE STRENGTH (kips)				292	277	292	306	364	394	466
	NOMINAL CROSS-SECTIONAL AREA (sq-in)				2.915	2.915	2.915	2.915	2.915	2.915	2.915

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0										
	REGULAR	MINIMUM (ft.lb)		2680	2680	2840	2920	3170	3400	3810	
		OPTIMUM (ft.lb)		2980	2980	3160	3250	3520	3780	4230	
		MAXIMUM (ft.lb)		3280	3280	3480	3580	3870	4160	4650	
	BODY YIELD TORQUE (ft.lb)		16660	16660	18740	19790	22910	26030	31240		
	SPECIAL CLEARANCE	MINIMUM (ft.lb)		2410	2410	2560	2630	2840	3070	3430	
		OPTIMUM (ft.lb)		2680	2680	2840	2920	3160	3410	3810	
		MAXIMUM (ft.lb)		2950	2950	3120	3210	3480	3750	4190	

CONNECTION	COLLAPSE RESISTANCE (psi)		12120	12120	13640	14390	16670	18940	21950		
	COMPRESSION RESISTANCE (%)		100	100	100	100	100	100	100		
	TENSILE EFFICIENCY (%)		100	100	100	100	100	100	100		
	INTERNAL YIELD PRESSURE (psi)		11560	11560	13010	13730	15900	18060	21680		
	MAXIMUM BENDING ANGLE (° PER 100ft)		126	126	141	149	173	196	235		
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)		2.972	2.972	2.972	2.972	2.972	2.972	2.972		
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)		131	131	148	156	181	205	246		
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)		57	57	64	68	79	90	107		
	PARTING LOAD (kips)										
	REGULAR COUPLING O.D.		268	256	272	286	339	369	438		
	SPECIAL CLEARANCE COUPLING O.D.		194	184	194	203	242	261	310		
			OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (in³)				
	REGULAR COUPLING		W	3.962	3.022	7.62	102	1069			
	SPECIAL CLEARANCE COUPLING		Wc	3.809	3.022	5.59	70	1062			
LENGTH OF COUPLING (in)		NL	7.660	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	2.830								