

TECHNICAL INFORMATION - HSC HICOM

TUBING



SIZE: **3 1/2"**

NOMINAL WEIGHT: **14.30 lb/ft**

WALL THICKNESS: **0.430"**

THREADS PER INCH: **6**



PIPE BODY	OUTSIDE DIA. (in)	D	3.500	INSIDE DIA. (in)	d	2.640	DRIFT DIA. (in)		2.515	PLAIN END WT (lb/ft)		14.10
	GRADE					N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)					17240	17240	19400	20470	23710	26940	32330
	INTERNAL YIELD PRESSURE (psi)					17200	17200	19350	20430	23650	26880	32250
	BODY YIELD STRENGTH (kips)					332	332	373	394	456	518	622
	ULTIMATE STRENGTH (kips)					415	394	415	435	518	560	664
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					4.147	4.147	4.147	4.147	4.147	4.147	4.147

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
	REGULAR		MINIMUM (ft.lb)		4720	4720	4990	5120	5530	5940	6620	
			OPTIMUM (ft.lb)		5240	5240	5540	5690	6140	6600	7350	
			MAXIMUM (ft.lb)		5760	5760	6090	6260	6750	7260	8090	
			BODY YIELD TORQUE (ft.lb)		21910	21910	24650	26020	30130	34240	41090	
	SPECIAL CLEARANCE		MINIMUM (ft.lb)		4250	4250	4490	4610	4980	5350	5950	
			OPTIMUM (ft.lb)		4720	4720	4990	5120	5530	5940	6610	
			MAXIMUM (ft.lb)		5190	5190	5490	5630	6080	6530	7270	

CONNECTION	COLLAPSE RESISTANCE (psi)					17240	17240	19400	20470	23710	26940	32330
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100
	INTERNAL YIELD PRESSURE (psi)					17200	17200	19350	20430	23650	26880	32250
	MAXIMUM BENDING ANGLE (° PER 100ft)					139	139	156	165	191	217	260
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					4.229	4.229	4.229	4.229	4.229	4.229	4.229
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					231	231	260	274	317	361	433
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					126	126	142	149	173	197	236
						PARTING LOAD (kips)						
	REGULAR COUPLING O.D.					382	365	387	407	483	525	623
	SPECIAL CLEARANCE COUPLING O.D.					276	262	276	290	345	372	441
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (in³)		
	REGULAR COUPLING				W	4.159	2.740	11.09	102		1522	
	SPECIAL CLEARANCE COUPLING				Wc	3.951	2.740	8.22	70		1512	
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												