

TECHNICAL INFORMATION - HSC HICOM

TUBING



SIZE: **4"**

NOMINAL WEIGHT: **14.80 lb/ft**

WALL THICKNESS: **0.380"**

THREADS PER INCH: **6**



PIPE BODY	OUTSIDE DIA. (in)	D	4.000	INSIDE DIA. (in)	d	3.240	DRIFT DIA. (in)	3.115	PLAIN END WT (lb/ft)	14.69		
	GRADE					N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)					13750	13750	15470	16330	18910	21490	25780
	INTERNAL YIELD PRESSURE (psi)					13300	13300	14960	15790	18290	20780	24940
	BODY YIELD STRENGTH (kips)					346	346	389	411	475	540	648
	ULTIMATE STRENGTH (kips)					432	411	432	454	540	583	691
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					4.322	4.322	4.322	4.322	4.322	4.322	4.322

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
	REGULAR	MINIMUM (ft.lb)				4930	4930	5210	5350	5760	6160	6860
		OPTIMUM (ft.lb)				5480	5480	5790	5940	6400	6850	7620
		MAXIMUM (ft.lb)				6030	6030	6370	6530	7040	7540	8380
	BODY YIELD TORQUE (ft.lb)				27550	27550	30990	32710	37880	43040	51650	
	SPECIAL CLEARANCE	MINIMUM (ft.lb)				4440	4440	4690	4810	5180	5550	6170
		OPTIMUM (ft.lb)				4930	4930	5210	5340	5760	6170	6860
		MAXIMUM (ft.lb)				5420	5420	5730	5870	6340	6790	7550

CONNECTION	COLLAPSE RESISTANCE (psi)					13750	13750	15470	16330	18910	21490	25780	
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)					13300	13300	14960	15790	18290	20780	24940	
	MAXIMUM BENDING ANGLE (° PER 100ft)					113	113	127	134	156	177	212	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					4.406	4.406	4.406	4.406	4.406	4.406	4.406	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					225	225	253	268	310	352	422	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					116	116	131	138	160	181	218	
	PARTING LOAD (kips)												
	REGULAR COUPLING O.D.					395	378	402	422	501	545	647	
	SPECIAL CLEARANCE COUPLING O.D.					288	273	288	302	359	388	460	
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (in³)				
	REGULAR COUPLING				W	4.598	3.340	11.8	102	1587			
	SPECIAL CLEARANCE COUPLING				Wc	4.403	3.340	8.68	70	1576			
LENGTH OF COUPLING (in)				NL	7.994								
MAKE UP LOSS (in)				ML	2.997								
The above information is for reference only. The information is subject to change or modification without notice. Please contact HSC for the latest information													