

TECHNICAL INFORMATION - HSC HICOM

TUBING



SIZE: **4"**

NOMINAL WEIGHT: **16.10 lb/ft**

WALL THICKNESS: **0.415"**

THREADS PER INCH: **6**



PIPE BODY	OUTSIDE DIA. (in)	D	4.000	INSIDE DIA. (in)	d	3.170	DRIFT DIA. (in)		3.045	PLAIN END WT (lb/ft)		15.89
	GRADE					N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)					14880	14880	16740	17660	20450	23240	27890
	INTERNAL YIELD PRESSURE (psi)					14530	14530	16340	17250	19970	22700	27230
	BODY YIELD STRENGTH (kips)					374	374	421	444	514	584	701
	ULTIMATE STRENGTH (kips)					467	444	467	491	584	631	748
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					4.674	4.674	4.674	4.674	4.674	4.674	4.674

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
	REGULAR		MINIMUM (ft.lb)		5540	5540	5860	6010	6470	6930	7700	
			OPTIMUM (ft.lb)		6160	6160	6510	6680	7190	7700	8560	
			MAXIMUM (ft.lb)		6780	6780	7160	7350	7910	8470	9420	
			BODY YIELD TORQUE (ft.lb)		29290	29290	32950	34780	40270	45760	54920	
	SPECIAL CLEARANCE		MINIMUM (ft.lb)		5000	5000	5270	5410	5820	6240	6930	
			OPTIMUM (ft.lb)		5550	5550	5860	6010	6470	6930	7700	
			MAXIMUM (ft.lb)		6100	6100	6450	6610	7120	7620	8470	

CONNECTION	COLLAPSE RESISTANCE (psi)					14880	14880	16740	17660	20450	23240	27890	
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)					14530	14530	16340	17250	19970	22700	27230	
	MAXIMUM BENDING ANGLE (° PER 100ft)					116	116	130	137	159	181	217	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					4.769	4.769	4.769	4.769	4.769	4.769	4.769	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					254	254	286	302	349	397	476	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					135	135	152	161	186	211	254	
						PARTING LOAD (kips)							
	REGULAR COUPLING O.D.					428	409	435	457	542	589	700	
	SPECIAL CLEARANCE COUPLING O.D.					311	295	311	326	388	419	497	
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (in³)				
	REGULAR COUPLING				W	4.648	3.270	12.84	102	1717			
	SPECIAL CLEARANCE COUPLING				Wc	4.438	3.270	9.44	70	1705			
	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													