

TECHNICAL INFORMATION - HSC HICOM

TUBING



SIZE: **2 3/8"**

NOMINAL WEIGHT: **5.10 lb/ft**

WALL THICKNESS: **0.218"**

THREADS PER INCH: **8**



PIPE BODY	OUTSIDE DIA. (in)	D	2.375	INSIDE DIA. (in)	d	1.939	DRIFT DIA. (in)		1.845	PLAIN END WT (lb/ft)		5.02
	GRADE					N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)					13340	13340	15010	15850	18350	20850	25020
	INTERNAL YIELD PRESSURE (psi)					12850	12850	14460	15260	17670	20080	24100
	BODY YIELD STRENGTH (kips)					118	118	133	140	162	185	222
	ULTIMATE STRENGTH (kips)					148	140	148	155	185	199	236
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					1.477	1.477	1.477	1.477	1.477	1.477	1.477

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
	REGULAR		MINIMUM (ft.lb)		890	890	940	960	1040	1110	1220	
			OPTIMUM (ft.lb)		990	990	1040	1070	1150	1230	1360	
			MAXIMUM (ft.lb)		1090	1090	1140	1180	1270	1350	1500	
			BODY YIELD TORQUE (ft.lb)		5630	5630	6330	6680	7740	8790	10550	
	SPECIAL CLEARANCE		MINIMUM (ft.lb)		800	800	850	860	930	990	1100	
			OPTIMUM (ft.lb)		890	890	940	960	1030	1100	1220	
			MAXIMUM (ft.lb)		980	980	1030	1060	1130	1210	1340	

CONNECTION	COLLAPSE RESISTANCE (psi)					13340	13340	15010	15850	18350	20850	25020
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100
	INTERNAL YIELD PRESSURE (psi)					12850	12850	14460	15260	17670	20080	24100
	MAXIMUM BENDING ANGLE (° PER 100ft)					189	189	213	225	260	296	355
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					1.507	1.507	1.507	1.507	1.507	1.507	1.507
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					58	58	65	69	80	91	109
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					21	21	23	25	29	33	39
						PARTING LOAD (kips)						
	REGULAR COUPLING O.D.					138	131	139	146	173	188	223
	SPECIAL CLEARANCE COUPLING O.D.					98	93	98	103	123	133	157
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (in³)			
	REGULAR COUPLING				W	2.738	1.989	3.51	102	541		
	SPECIAL CLEARANCE COUPLING				Wc	2.626	1.989	2.65	70	538		
LENGTH OF COUPLING (in)				NL	6.410	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	2.205							

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