

TECHNICAL INFORMATION - HSC HICOM

TUBING



SIZE: **3 1/2"**

NOMINAL WEIGHT: **12.70 lb/ft**

WALL THICKNESS: **0.375"**

THREADS PER INCH: **6**



PIPE BODY	OUTSIDE DIA. (in)	D	3.500	INSIDE DIA. (in)	d	2.750	DRIFT DIA. (in)	2.625	PLAIN END WT (lb/ft)	12.52		
	GRADE					N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)					15310	15310	17220	18180	21050	23920	28710
	INTERNAL YIELD PRESSURE (psi)					15000	15000	16880	17810	20630	23440	28130
	BODY YIELD STRENGTH (kips)					295	295	331	350	405	460	552
	ULTIMATE STRENGTH (kips)					368	350	368	387	460	497	589
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					3.682	3.682	3.682	3.682	3.682	3.682	3.682

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
	REGULAR		MINIMUM (ft.lb)			3920	3920	4150	4270	4610	4950	5520
			OPTIMUM (ft.lb)			4360	4360	4610	4740	5120	5500	6130
			MAXIMUM (ft.lb)			4800	4800	5070	5210	5630	6050	6740
			BODY YIELD TORQUE (ft.lb)			20050	20050	22560	23810	27570	31330	37600
	SPECIAL CLEARANCE		MINIMUM (ft.lb)			3530	3530	3740	3830	4150	4460	4970
			OPTIMUM (ft.lb)			3920	3920	4150	4260	4610	4950	5520
			MAXIMUM (ft.lb)			4310	4310	4570	4690	5070	5440	6070

CONNECTION	COLLAPSE RESISTANCE (psi)					15310	15310	17220	18180	21050	23920	28710
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100
	INTERNAL YIELD PRESSURE (psi)					15000	15000	16880	17810	20630	23440	28130
	MAXIMUM BENDING ANGLE (° PER 100ft)					133	133	150	158	183	208	250
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					3.756	3.756	3.756	3.756	3.756	3.756	3.756
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					193	193	218	230	266	302	363
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					100	100	112	119	137	156	187
						PARTING LOAD (kips)						
	REGULAR COUPLING O.D.					339	324	344	361	428	466	553
	SPECIAL CLEARANCE COUPLING O.D.					245	233	245	257	306	331	392
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (in³)			
	REGULAR COUPLING				W	4.086	2.850	9.78	102	1351		
	SPECIAL CLEARANCE COUPLING				Wc	3.898	2.850	7.23	70	1342		
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							