

TECHNICAL INFORMATION - HSC HICOM

TUBING



SIZE: **3 1/2"**

NOMINAL WEIGHT: **13.70 lb/ft**

WALL THICKNESS: **0.413"**

THREADS PER INCH: **6**



PIPE BODY	OUTSIDE DIA. (in)	D	3.500	INSIDE DIA. (in)	d	2.674	DRIFT DIA. (in)		2.549	PLAIN END WT (lb/ft)		13.62
	GRADE					N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)					16660	16660	18740	19780	22910	26030	31240
	INTERNAL YIELD PRESSURE (psi)					16520	16520	18590	19620	22720	25810	30980
	BODY YIELD STRENGTH (kips)					320	320	360	381	441	501	601
	ULTIMATE STRENGTH (kips)					401	381	401	421	501	541	641
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					4.005	4.005	4.005	4.005	4.005	4.005	4.005

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
	REGULAR		MINIMUM (ft.lb)		4470	4470	4720	4860	5250	5630	6270	
			OPTIMUM (ft.lb)		4970	4970	5250	5400	5830	6260	6970	
			MAXIMUM (ft.lb)		5470	5470	5780	5940	6410	6890	7670	
			BODY YIELD TORQUE (ft.lb)		21360	21360	24030	25370	29370	33380	40060	
	SPECIAL CLEARANCE		MINIMUM (ft.lb)		4020	4020	4260	4370	4720	5070	5650	
			OPTIMUM (ft.lb)		4470	4470	4730	4860	5240	5630	6280	
			MAXIMUM (ft.lb)		4920	4920	5200	5350	5760	6190	6910	

CONNECTION	COLLAPSE RESISTANCE (psi)					16660	16660	18740	19780	22910	26030	31240
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100
	INTERNAL YIELD PRESSURE (psi)					16520	16520	18590	19620	22720	25810	30980
	MAXIMUM BENDING ANGLE (° PER 100ft)					137	137	154	163	189	214	257
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					4.086	4.086	4.086	4.086	4.086	4.086	4.086
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					219	219	247	261	302	343	411
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					118	118	133	140	162	184	221
						PARTING LOAD (kips)						
	REGULAR COUPLING O.D.					369	352	374	393	466	507	601
	SPECIAL CLEARANCE COUPLING O.D.					266	253	266	280	333	360	426
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (in³)		
	REGULAR COUPLING				W	4.137	2.774	10.7	102		1470	
	SPECIAL CLEARANCE COUPLING				Wc	3.935	2.774	7.92	70		1460	
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							