

TECHNICAL INFORMATION - HSC HICOM

TUBING



SIZE: **3 1/2"**

NOMINAL WEIGHT: **7.70 lb/ft**

WALL THICKNESS: **0.216"**

THREADS PER INCH: **6**



PIPE BODY	OUTSIDE DIA. (in)	D	3.500	INSIDE DIA. (in)	d	3.068	DRIFT DIA. (in)	2.943	PLAIN END WT (lb/ft)	7.58		
	GRADE					N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)					7870	7870	8540	8860	9740	10500	11520
	INTERNAL YIELD PRESSURE (psi)					8640	8640	9720	10260	11880	13500	16200
	BODY YIELD STRENGTH (kips)					178	178	201	212	245	279	334
	ULTIMATE STRENGTH (kips)					223	212	223	234	279	301	357
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					2.228	2.228	2.228	2.228	2.228	2.228	2.228

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
	REGULAR	MINIMUM (ft.lb)				1630	1630	1730	1780	1940	2100	2360
		OPTIMUM (ft.lb)				1810	1810	1920	1980	2150	2330	2620
		MAXIMUM (ft.lb)				1990	1990	2110	2180	2370	2560	2880
	BODY YIELD TORQUE (ft.lb)				13270	13270	14930	15760	18250	20740	24890	
	SPECIAL CLEARANCE	MINIMUM (ft.lb)				1460	1460	1560	1600	1750	1890	2120
		OPTIMUM (ft.lb)				1620	1620	1730	1780	1940	2100	2360
		MAXIMUM (ft.lb)				1780	1780	1900	1960	2130	2310	2600

CONNECTION	COLLAPSE RESISTANCE (psi)					7870	7870	8540	8860	9740	10500	11520	
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)					8640	8640	9720	10260	11880	13500	16200	
	MAXIMUM BENDING ANGLE (° PER 100ft)					120	120	134	142	164	187	224	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					2.273	2.273	2.273	2.273	2.273	2.273	2.273	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					76	76	85	90	104	119	142	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					19	19	22	23	27	30	36	
	PARTING LOAD (kips)												
	REGULAR COUPLING O.D.					205	196	208	219	259	282	335	
	SPECIAL CLEARANCE COUPLING O.D.					148	141	148	156	185	200	237	
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (in³)				
	REGULAR COUPLING				W	3.848	3.118	5.83	102	817			
	SPECIAL CLEARANCE COUPLING				Wc	3.728	3.118	4.28	70	812			
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								