

# TECHNICAL INFORMATION - HSC HICOM

# TUBING



SIZE: **3 1/2"**

NOMINAL WEIGHT: **15.50 lb/ft**

WALL THICKNESS: **0.476"**

THREADS PER INCH: **6**



PIPE BODY	OUTSIDE DIA. (in)	D	3.500	INSIDE DIA. (in)	d	2.548	DRIFT DIA. (in)	2.423	PLAIN END WT (lb/ft)	15.37		
	GRADE					N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)					18810	18810	21160	22330	25860	29390	35260
	INTERNAL YIELD PRESSURE (psi)					19040	19040	21420	22610	26180	29750	35700
	BODY YIELD STRENGTH (kips)					362	362	407	430	497	565	678
	ULTIMATE STRENGTH (kips)					452	430	452	475	565	610	724
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					4.522	4.522	4.522	4.522	4.522	4.522	4.522

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
	REGULAR	MINIMUM (ft.lb)				5380	5380	5690	5840	6300	6760	7530
		OPTIMUM (ft.lb)				5980	5980	6320	6490	7000	7510	8370
		MAXIMUM (ft.lb)				6580	6580	6950	7140	7700	8260	9210
	BODY YIELD TORQUE (ft.lb)				23300	23300	26210	27670	32040	36410	43690	
	SPECIAL CLEARANCE	MINIMUM (ft.lb)				4840	4840	5120	5260	5670	6080	6780
		OPTIMUM (ft.lb)				5380	5380	5690	5840	6300	6760	7530
		MAXIMUM (ft.lb)				5920	5920	6260	6420	6930	7440	8280

CONNECTION	COLLAPSE RESISTANCE (psi)					18810	18810	21160	22330	25860	29390	35260	
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)					19040	19040	21420	22610	26180	29750	35700	
	MAXIMUM BENDING ANGLE (° PER 100ft)					144	144	162	171	198	225	270	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					4.61	4.61	4.61	4.61	4.61	4.61	4.61	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					261	261	294	310	359	408	489	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					147	147	165	174	202	229	275	
	PARTING LOAD (kips)												
	REGULAR COUPLING O.D.					416	398	422	444	526	572	679	
	SPECIAL CLEARANCE COUPLING O.D.					301	286	301	316	376	406	481	
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (in³)				
	REGULAR COUPLING				W	4.217	2.648	12.16	102	1660			
	SPECIAL CLEARANCE COUPLING				Wc	3.993	2.648	9.02	70	1649			
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								