

TECHNICAL INFORMATION - HSC HICOM

TUBING



SIZE: **3 1/2"**

NOMINAL WEIGHT: **14.70 lb/ft**

WALL THICKNESS: **0.449"**

THREADS PER INCH: **6**



PIPE BODY	OUTSIDE DIA. (in)	D	3.500	INSIDE DIA. (in)	d	2.602	DRIFT DIA. (in)		2.477	PLAIN END WT (lb/ft)		14.63
	GRADE					N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)					17880	17880	20120	21240	24590	27940	33530
	INTERNAL YIELD PRESSURE (psi)					17960	17960	20210	21330	24700	28060	33680
	BODY YIELD STRENGTH (kips)					344	344	387	409	473	538	646
	ULTIMATE STRENGTH (kips)					430	409	430	452	538	581	689
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					4.304	4.304	4.304	4.304	4.304	4.304	4.304

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
	REGULAR	MINIMUM (ft.lb)		4990	4990	5270	5420	5850	6270	6990		
		OPTIMUM (ft.lb)		5540	5540	5860	6020	6500	6970	7770		
		MAXIMUM (ft.lb)		6090	6090	6450	6620	7150	7670	8550		
		BODY YIELD TORQUE (ft.lb)		22500	22500	25320	26720	30940	35160	42200		
	SPECIAL CLEARANCE	MINIMUM (ft.lb)		4490	4490	4750	4880	5260	5650	6290		
		OPTIMUM (ft.lb)		4990	4990	5280	5420	5850	6280	6990		
		MAXIMUM (ft.lb)		5490	5490	5810	5960	6440	6910	7690		

CONNECTION	COLLAPSE RESISTANCE (psi)		17880	17880	20120	21240	24590	27940	33530	
	COMPRESSION RESISTANCE (%)		100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)		100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)		17960	17960	20210	21330	24700	28060	33680	
	MAXIMUM BENDING ANGLE (° PER 100ft)		141	141	159	167	194	220	264	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)		4.393	4.393	4.393	4.393	4.393	4.393	4.393	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)		244	244	274	289	335	381	457	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)		134	134	151	159	185	210	252	
	PARTING LOAD (kips)									
	REGULAR COUPLING O.D.		396	379	402	422	501	544	646	
	SPECIAL CLEARANCE COUPLING O.D.		286	272	286	300	357	386	457	
			OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (in³)			
	REGULAR COUPLING		W	4.184	2.702	11.55	102	1580		
	SPECIAL CLEARANCE COUPLING		Wc	3.968	2.702	8.55	70	1569		
	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							