

TECHNICAL INFORMATION - HSC HICOM

TUBING

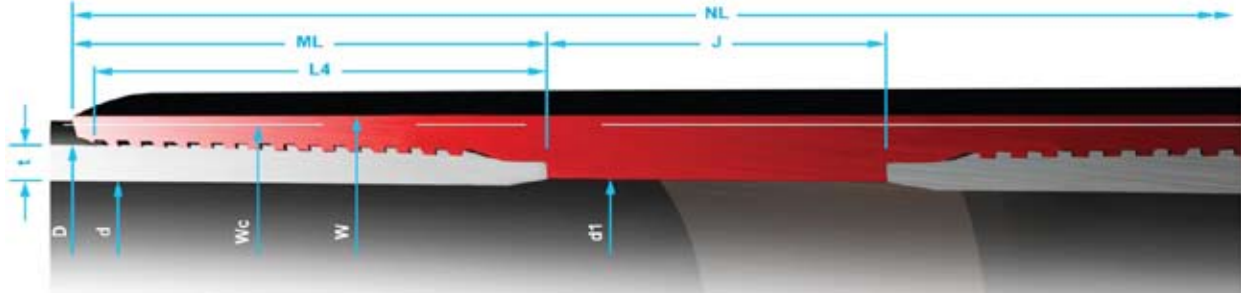


SIZE: **4"**

NOMINAL WEIGHT: **8.20 lb/ft**

WALL THICKNESS: **0.190"**

THREADS PER INCH: **6**



PIPE BODY	OUTSIDE DIA. (in)	D	4.000	INSIDE DIA. (in)	d	3.620	DRIFT DIA. (in)	3.495	PLAIN END WT (lb/ft)	7.73		
	GRADE					N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)					4380	4380	4570	4640	4940	5230	5500
	INTERNAL YIELD PRESSURE (psi)					6650	6650	7480	7900	9140	10390	12470
	BODY YIELD STRENGTH (kips)					182	182	205	216	250	284	341
	ULTIMATE STRENGTH (kips)					227	216	227	239	284	307	364
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					2.274	2.274	2.274	2.274	2.274	2.274	2.274

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
	REGULAR		MINIMUM (ft.lb)			1590	1590	1690	1740	1880	2020	2260
			OPTIMUM (ft.lb)			1770	1770	1880	1930	2090	2240	2510
			MAXIMUM (ft.lb)			1950	1950	2070	2120	2300	2460	2760
			BODY YIELD TORQUE (ft.lb)			15920	15920	17910	18910	21890	24880	29850
	SPECIAL CLEARANCE		MINIMUM (ft.lb)			1430	1430	1520	1570	1690	1820	2030
			OPTIMUM (ft.lb)			1590	1590	1690	1740	1880	2020	2260
			MAXIMUM (ft.lb)			1750	1750	1860	1910	2070	2220	2490

CONNECTION	COLLAPSE RESISTANCE (psi)					4380	4380	4570	4640	4940	5230	5500	
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)					6650	6650	7480	7900	9140	10390	12470	
	MAXIMUM BENDING ANGLE (° PER 100ft)					101	101	114	120	139	158	190	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					2.323	2.323	2.323	2.323	2.323	2.323	2.323	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					60	60	68	72	83	94	113	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					2	2	2	2	3	3	4	
						PARTING LOAD (kips)							
	REGULAR COUPLING O.D.					208	199	212	222	264	287	340	
	SPECIAL CLEARANCE COUPLING O.D.					151	143	151	159	189	204	242	
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (in³)				
	REGULAR COUPLING				W	4.300	3.650	6.1	102	834			
	SPECIAL CLEARANCE COUPLING				Wc	4.190	3.650	4.44	70	828			
	LENGTH OF COUPLING (in)				NL	7.994							
MAKE UP LOSS (in)				ML	2.997								
The above information is for reference only. The information is subject to change or modification without notice. Please contact HSC for the latest information													