

# TECHNICAL INFORMATION - HSC HICOM

# TUBING

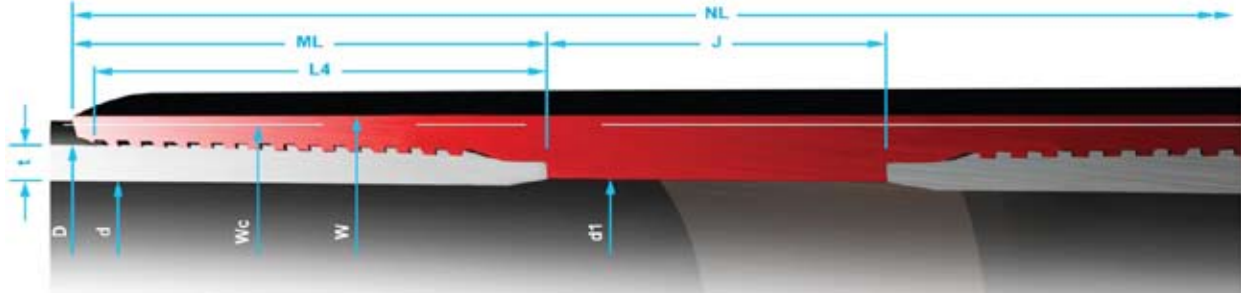


SIZE: **4"**

NOMINAL WEIGHT: **13.20 lb/ft**

WALL THICKNESS: **0.330"**

THREADS PER INCH: **6**



PIPE BODY	OUTSIDE DIA. (in)	D	4.000	INSIDE DIA. (in)	d	3.340	DRIFT DIA. (in)	3.215	PLAIN END WT (lb/ft)	12.93		
	GRADE					N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)					12110	12110	13630	14380	16650	18920	21920
	INTERNAL YIELD PRESSURE (psi)					11550	11550	12990	13720	15880	18050	21660
	BODY YIELD STRENGTH (kips)					304	304	342	361	419	476	571
	ULTIMATE STRENGTH (kips)					380	361	380	400	476	514	609
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					3.805	3.805	3.805	3.805	3.805	3.805	3.805

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
	REGULAR	MINIMUM (ft.lb)				4050	4050	4280	4390	4730	5080	5640
		OPTIMUM (ft.lb)				4500	4500	4760	4880	5260	5640	6270
		MAXIMUM (ft.lb)				4950	4950	5240	5370	5790	6200	6900
	BODY YIELD TORQUE (ft.lb)				24860	24860	27960	29520	34180	38840	46600	
	SPECIAL CLEARANCE	MINIMUM (ft.lb)				3640	3640	3850	3950	4270	4570	5080
		OPTIMUM (ft.lb)				4050	4050	4280	4390	4740	5080	5650
		MAXIMUM (ft.lb)				4460	4460	4710	4830	5210	5590	6220

CONNECTION	COLLAPSE RESISTANCE (psi)					12110	12110	13630	14380	16650	18920	21920	
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)					11550	11550	12990	13720	15880	18050	21660	
	MAXIMUM BENDING ANGLE (° PER 100ft)					110	110	124	130	151	172	206	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					3.883	3.883	3.883	3.883	3.883	3.883	3.883	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					184	184	207	218	253	287	345	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					87	87	98	103	120	136	163	
	PARTING LOAD (kips)												
	REGULAR COUPLING O.D.					348	333	354	372	441	480	570	
	SPECIAL CLEARANCE COUPLING O.D.					253	240	253	266	316	341	405	
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (in³)				
	REGULAR COUPLING				W	4.525	3.440	10.3	102	1397			
	SPECIAL CLEARANCE COUPLING				Wc	4.350	3.440	7.54	70	1387			
	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													