

TECHNICAL INFORMATION - HSC HICOM



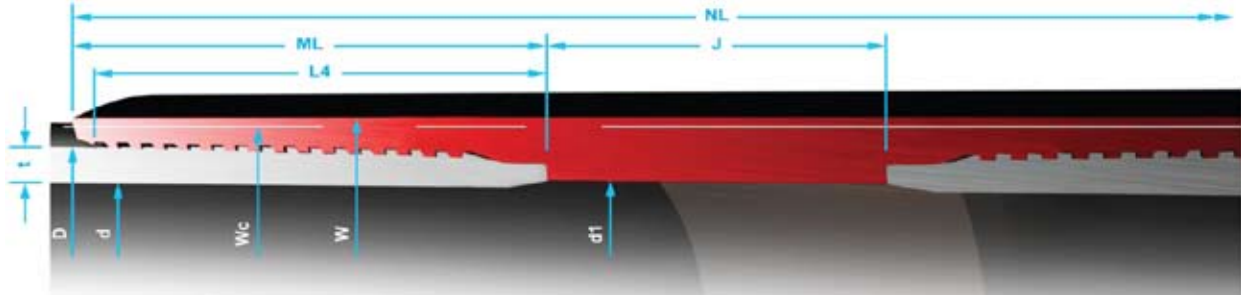
TUBING

SIZE: 4"

NOMINAL WEIGHT: 10.90 lb/ft

WALL THICKNESS: 0.262"

THREADS PER INCH: 6



PIPE BODY	OUTSIDE DIA. (in)	D	4.000	INSIDE DIA. (in)	d	3.476	DRIFT DIA. (in)		3.351	PLAIN END WT (lb/ft)		10.46	
	GRADE					N80	L80	C90	C95	P110	Q125	150	
	COLLAPSE RESISTANCE (psi)					8790	8790	9590	9970	11050	12020	13400	
	INTERNAL YIELD PRESSURE (psi)					9170	9170	10320	10890	12610	14330	17190	
	BODY YIELD STRENGTH (kips)					246	246	277	292	338	385	462	
	ULTIMATE STRENGTH (kips)					308	292	308	323	385	415	492	
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					3.077	3.077	3.077	3.077	3.077	3.077	3.077	
MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0												
	REGULAR			MINIMUM (ft.lb)		2860	2860	3020	3100	3350	3590	4000	
				OPTIMUM (ft.lb)		3180	3180	3360	3450	3720	3990	4440	
				MAXIMUM (ft.lb)		3500	3500	3700	3800	4090	4390	4880	
				BODY YIELD TORQUE (ft.lb)		20790	20790	23380	24680	28580	32480	38970	
	SPECIAL CLEARANCE			MINIMUM (ft.lb)		2570	2570	2720	2790	3020	3230	3600	
				OPTIMUM (ft.lb)		2860	2860	3020	3100	3350	3590	4000	
MAXIMUM (ft.lb)				3150	3150	3320	3410	3690	3950	4400			
CONNECTION	COLLAPSE RESISTANCE (psi)					8790	8790	9590	9970	11050	12020	13400	
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)					9170	9170	10320	10890	12610	14330	17190	
	MAXIMUM BENDING ANGLE (° PER 100ft)					106	106	119	125	145	165	198	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					3.138	3.138	3.138	3.138	3.138	3.138	3.138	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					125	125	140	148	172	195	234	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					47	47	53	56	64	73	88	
						PARTING LOAD (kips)							
	REGULAR COUPLING O.D.					282	269	286	301	357	388	461	
	SPECIAL CLEARANCE COUPLING O.D.					205	194	205	215	256	276	328	
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (in³)		
	REGULAR COUPLING			W	4.419	3.576	8.18		102		1128		
	SPECIAL CLEARANCE COUPLING			Wc	4.275	3.576	5.96		70		1121		
	LENGTH OF COUPLING (in)			NL	7.994	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	2.997								