

TECHNICAL INFORMATION - HSC HICOM

CASING

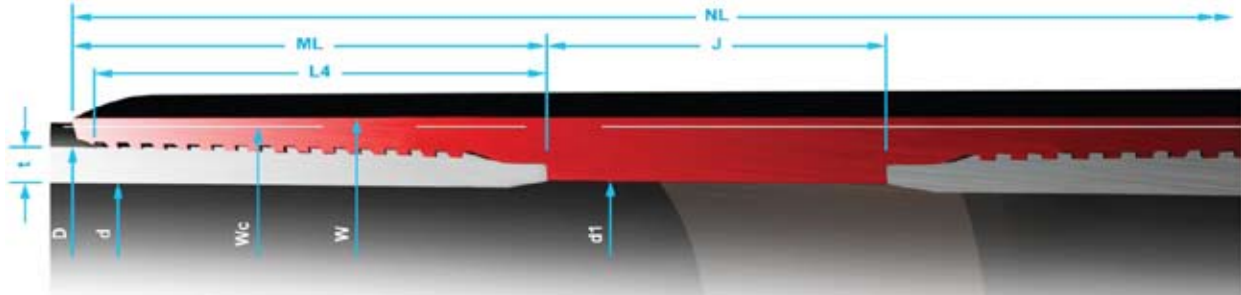


SIZE: **5 1/2"**

NOMINAL WEIGHT: **26.80 lb/ft**

WALL THICKNESS: **0.500"**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (in)	D	5.500	INSIDE DIA. (in)	d	4.500	DRIFT DIA. (in)	4.375	PLAIN END WT (lb/ft)	26.70		
	GRADE					N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)					13220	13220	14880	15700	18180	20660	24790
	INTERNAL YIELD PRESSURE (psi)					12730	12730	14320	15110	17500	19890	23860
	BODY YIELD STRENGTH (kips)					628	628	707	746	864	982	1178
	ULTIMATE STRENGTH (kips)					785	746	785	825	982	1060	1257
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					7.854	7.854	7.854	7.854	7.854	7.854	7.854

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
	REGULAR	MINIMUM (ft.lb)				8250	8250	8620	8810	9370	9930	10840
		OPTIMUM (ft.lb)				9170	9170	9580	9790	10410	11030	12050
		MAXIMUM (ft.lb)				10090	10090	10540	10770	11450	12130	13260
	BODY YIELD TORQUE (ft.lb)				69390	69390	78070	82400	95410	108420	130110	
	SPECIAL CLEARANCE	MINIMUM (ft.lb)				7430	7430	7770	7930	8430	8930	9760
		OPTIMUM (ft.lb)				8260	8260	8630	8810	9370	9920	10850
		MAXIMUM (ft.lb)				9090	9090	9490	9690	10310	10910	11940

CONNECTION	COLLAPSE RESISTANCE (psi)					13220	13220	14880	15700	18180	20660	24790	
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)					12730	12730	14320	15110	17500	19890	23860	
	MAXIMUM BENDING ANGLE (° PER 100ft)					82	82	92	97	112	127	153	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					8.015	8.015	8.015	8.015	8.015	8.015	8.015	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					466	466	525	554	641	729	875	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					267	267	300	317	367	417	500	
	PARTING LOAD (kips)												
	REGULAR COUPLING O.D.					706	677	722	759	899	981	1166	
	SPECIAL CLEARANCE COUPLING O.D.					523	496	523	549	653	706	836	
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (in³)				
	REGULAR COUPLING				W	6.309	4.600	25.06	102	2897			
	SPECIAL CLEARANCE COUPLING				Wc	6.050	4.600	18.32	70	2873			
LENGTH OF COUPLING (in)				NL	9.460	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	3.730								