

TECHNICAL INFORMATION - HSC HICOM

CASING

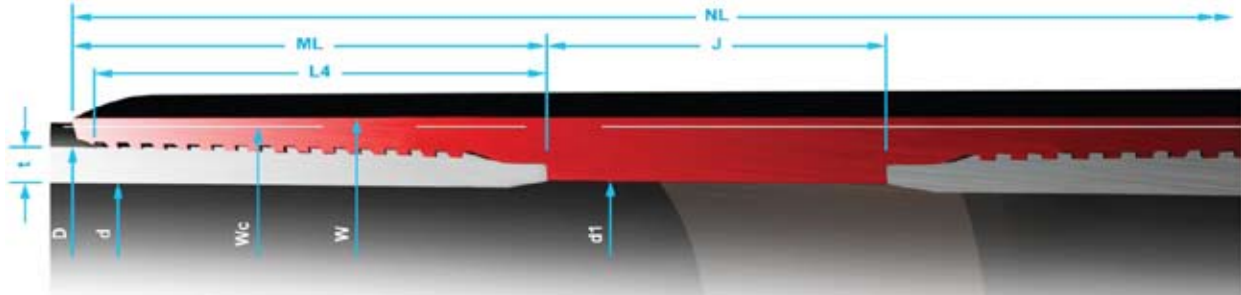


SIZE: **7"**

NOMINAL WEIGHT: **23.00 lb/ft**

WALL THICKNESS: **0.317"**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (in)	D	7.000	INSIDE DIA. (in)	d	6.366	DRIFT DIA. (in)	6.241	PLAIN END WT (lb/ft)	22.63		
	GRADE					N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)					3830	3830	4020	4140	4440	4640	4780
	INTERNAL YIELD PRESSURE (psi)					6340	6340	7130	7530	8720	9910	11890
	BODY YIELD STRENGTH (kips)					532	532	599	632	732	832	998
	ULTIMATE STRENGTH (kips)					666	632	666	699	832	898	1065
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					6.655	6.655	6.655	6.655	6.655	6.655	6.655

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
	REGULAR		MINIMUM (ft.lb)			5560	5560	5900	6080	6590	7100	7960
			OPTIMUM (ft.lb)			6180	6180	6560	6750	7320	7890	8840
			MAXIMUM (ft.lb)			6800	6800	7220	7430	8050	8680	9720
			BODY YIELD TORQUE (ft.lb)			81910	81910	92150	97260	112620	127980	153580
	SPECIAL CLEARANCE		MINIMUM (ft.lb)			5000	5000	5310	5460	5930	6390	7160
			OPTIMUM (ft.lb)			5560	5560	5900	6070	6590	7100	7950
			MAXIMUM (ft.lb)			6120	6120	6490	6680	7250	7810	8750

CONNECTION	COLLAPSE RESISTANCE (psi)					3830	3830	4020	4140	4440	4640	4780	
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)					6340	6340	7130	7530	8720	9910	11890	
	MAXIMUM BENDING ANGLE (° PER 100ft)					58	58	65	68	79	90	108	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					6.794	6.794	6.794	6.794	6.794	6.794	6.794	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					324	324	364	385	445	506	607	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					154	154	173	182	211	240	288	
						PARTING LOAD (kips)							
	REGULAR COUPLING O.D.					588	565	605	636	752	823	979	
	SPECIAL CLEARANCE COUPLING O.D.					442	420	442	464	553	597	707	
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (in³)			
	REGULAR COUPLING				W	7.538	6.466	20.74	102		2452		
	SPECIAL CLEARANCE COUPLING				Wc	7.355	6.466	15.01	70		2431		
	LENGTH OF COUPLING (in)				NL	9.460							
MAKE UP LOSS (in)				ML	3.730								
The above information is for reference only. The information is subject to change or modification without notice. Please contact HSC for the latest information													