

TECHNICAL INFORMATION - HSC HICOM

CASING

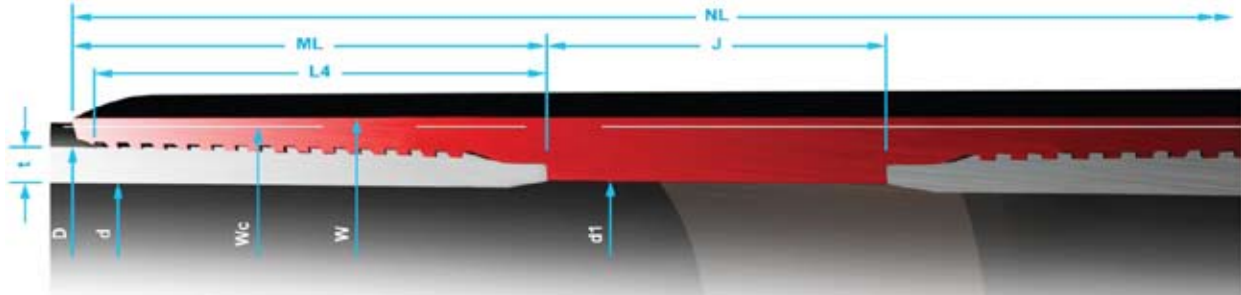


SIZE: **7"**

NOMINAL WEIGHT: **26.00 lb/ft**

WALL THICKNESS: **0.362"**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (in)	D	7.000	INSIDE DIA. (in)	d	6.276	DRIFT DIA. (in)	6.151	PLAIN END WT (lb/ft)	25.66		
	GRADE					N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)					5410	5410	5740	5880	6230	6450	6870
	INTERNAL YIELD PRESSURE (psi)					7240	7240	8150	8600	9960	11310	13580
	BODY YIELD STRENGTH (kips)					604	604	679	717	830	944	1132
	ULTIMATE STRENGTH (kips)					755	717	755	793	944	1019	1208
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					7.549	7.549	7.549	7.549	7.549	7.549	7.549

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
	REGULAR	MINIMUM (ft.lb)				7310	7310	7730	7940	8570	9200	10250
		OPTIMUM (ft.lb)				8120	8120	8590	8820	9520	10220	11390
		MAXIMUM (ft.lb)				8930	8930	9450	9700	10470	11240	12530
	BODY YIELD TORQUE (ft.lb)				91720	91720	103190	108920	126120	143320	171980	
	SPECIAL CLEARANCE	MINIMUM (ft.lb)				6580	6580	6960	7150	7710	8280	9220
		OPTIMUM (ft.lb)				7310	7310	7730	7940	8570	9200	10250
		MAXIMUM (ft.lb)				8040	8040	8500	8730	9430	10120	11280

CONNECTION	COLLAPSE RESISTANCE (psi)					5410	5410	5740	5880	6230	6450	6870	
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)					7240	7240	8150	8600	9960	11310	13580	
	MAXIMUM BENDING ANGLE (° PER 100ft)					58	58	66	69	80	91	110	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					7.699	7.699	7.699	7.699	7.699	7.699	7.699	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					396	396	445	470	544	619	742	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					203	203	229	241	280	318	381	
	PARTING LOAD (kips)												
	REGULAR COUPLING O.D.					667	641	687	722	853	934	1110	
	SPECIAL CLEARANCE COUPLING O.D.					502	477	502	527	627	677	803	
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (in³)			
	REGULAR COUPLING				W	7.614	6.376	23.69	102		2782		
	SPECIAL CLEARANCE COUPLING				Wc	7.409	6.376	17.21	70		2759		
	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													