

# TECHNICAL INFORMATION - HSC HICOM

# CASING

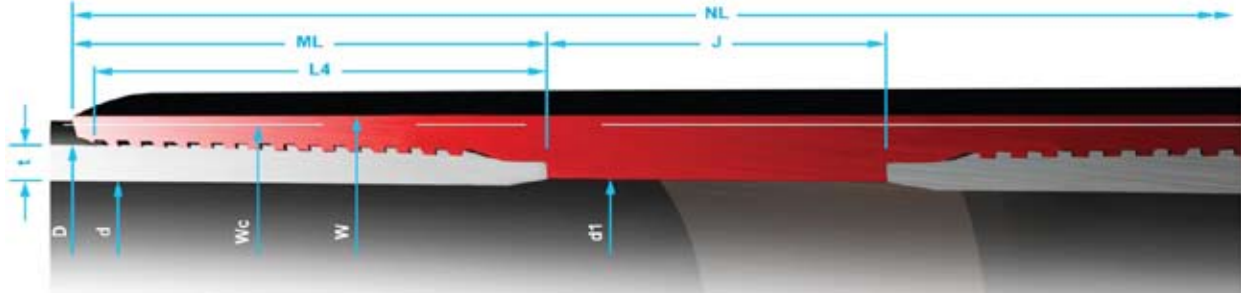


SIZE: **7"**

NOMINAL WEIGHT: **41.00 lb/ft**

WALL THICKNESS: **0.590"**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (in)	D	7.000	INSIDE DIA. (in)	d	5.820	DRIFT DIA. (in)	5.695	PLAIN END WT (lb/ft)	40.39		
	GRADE					N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)					12350	12350	13900	14670	16990	19300	22820
	INTERNAL YIELD PRESSURE (psi)					11800	11800	13280	14010	16230	18440	22130
	BODY YIELD STRENGTH (kips)					950	950	1069	1129	1307	1485	1782
	ULTIMATE STRENGTH (kips)					1188	1129	1188	1248	1485	1604	1901
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					11.881	11.881	11.881	11.881	11.881	11.881	11.881

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
	REGULAR		MINIMUM (ft.lb)			14020	14020	14570	14840	15670	16490	17860
			OPTIMUM (ft.lb)			15580	15580	16190	16490	17410	18320	19840
			MAXIMUM (ft.lb)			17140	17140	17810	18140	19150	20150	21820
			BODY YIELD TORQUE (ft.lb)			135350	135350	152270	160730	186110	211490	253780
	SPECIAL CLEARANCE		MINIMUM (ft.lb)			12620	12620	13110	13360	14100	14840	16070
			OPTIMUM (ft.lb)			14020	14020	14570	14840	15670	16490	17860
			MAXIMUM (ft.lb)			15420	15420	16030	16320	17240	18140	19650

CONNECTION	COLLAPSE RESISTANCE (psi)					12350	12350	13900	14670	16990	19300	22820	
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)					11800	11800	13280	14010	16230	18440	22130	
	MAXIMUM BENDING ANGLE (° PER 100ft)					63	63	71	75	87	98	118	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					12.119	12.119	12.119	12.119	12.119	12.119	12.119	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					748	748	841	888	1028	1168	1402	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					445	445	500	528	611	695	834	
						PARTING LOAD (kips)							
	REGULAR COUPLING O.D.					1049	1009	1080	1136	1343	1470	1748	
	SPECIAL CLEARANCE COUPLING O.D.					790	750	790	829	987	1066	1263	
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (in³)				
	REGULAR COUPLING				W	7.975	5.920	38.16	102	4383			
	SPECIAL CLEARANCE COUPLING				Wc	7.665	5.920	27.96	70	4347			
	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								

The above information is for reference only, and is subject to change or modification without notice. Please contact HSC® HICOM™ for the latest information.