

TECHNICAL INFORMATION - HSC HICOM

CASING

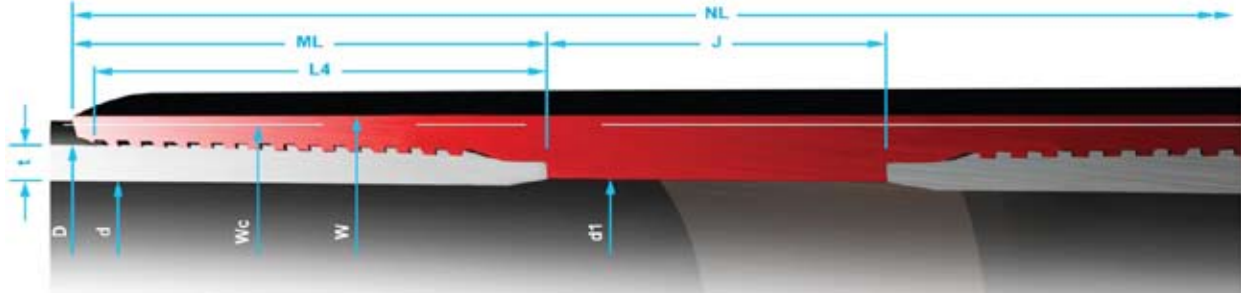


SIZE: **5 1/2"**

NOMINAL WEIGHT: **26.00 lb/ft**

WALL THICKNESS: **0.476"**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (in)	D	5.500	INSIDE DIA. (in)	d	4.548	DRIFT DIA. (in)		4.423	PLAIN END WT (lb/ft)		25.54
	GRADE					N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)					12650	12650	14240	15030	17400	19770	23730
	INTERNAL YIELD PRESSURE (psi)					12120	12120	13630	14390	16660	18930	22720
	BODY YIELD STRENGTH (kips)					601	601	676	714	826	939	1127
	ULTIMATE STRENGTH (kips)					751	714	751	789	939	1014	1202
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					7.513	7.513	7.513	7.513	7.513	7.513	7.513

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
	REGULAR		MINIMUM (ft.lb)		7830	7830	8190	8370	8920	9460	10370	
			OPTIMUM (ft.lb)		8700	8700	9100	9300	9910	10510	11520	
			MAXIMUM (ft.lb)		9570	9570	10010	10230	10900	11560	12670	
			BODY YIELD TORQUE (ft.lb)		66950	66950	75320	79500	92050	104610	125530	
	SPECIAL CLEARANCE		MINIMUM (ft.lb)		7050	7050	7370	7530	8030	8510	9330	
			OPTIMUM (ft.lb)		7830	7830	8190	8370	8920	9460	10370	
			MAXIMUM (ft.lb)		8610	8610	9010	9210	9810	10410	11410	

CONNECTION	COLLAPSE RESISTANCE (psi)					12650	12650	14240	15030	17400	19770	23730	
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)					12120	12120	13630	14390	16660	18930	22720	
	MAXIMUM BENDING ANGLE (° PER 100ft)					81	81	91	96	111	126	151	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					7.66	7.66	7.66	7.66	7.66	7.66	7.66	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					438	438	493	520	602	685	822	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					247	247	278	293	340	386	463	
						PARTING LOAD (kips)							
	REGULAR COUPLING O.D.					675	648	691	726	860	938	1115	
	SPECIAL CLEARANCE COUPLING O.D.					499	474	499	524	624	674	799	
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (in³)				
	REGULAR COUPLING				W	6.273	4.648	23.9	102	2770			
	SPECIAL CLEARANCE COUPLING				Wc	6.024	4.648	17.45	70	2748			
	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.