

TECHNICAL INFORMATION - HSC HICOM

CASING

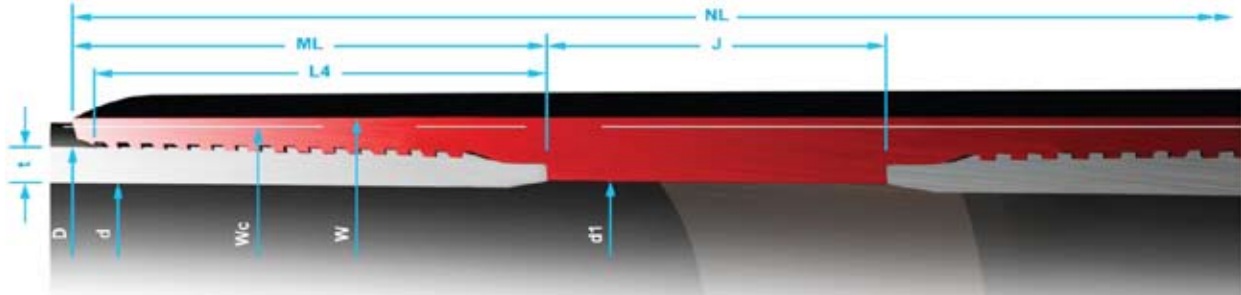


SIZE: **5"**

NOMINAL WEIGHT: **20.30 lb/ft**

WALL THICKNESS: **0.408"**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (in)	D	5.000	INSIDE DIA. (in)	d	4.184	DRIFT DIA. (in)	4.059	PLAIN END WT (lb/ft)	20.01		
	GRADE					N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)					12000	12000	13490	14240	16490	18560	21480
	INTERNAL YIELD PRESSURE (psi)					11420	11420	12850	13570	15710	17850	21420
	BODY YIELD STRENGTH (kips)					471	471	530	559	647	736	883
	ULTIMATE STRENGTH (kips)					589	559	589	618	736	795	942
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					5.886	5.886	5.886	5.886	5.886	5.886	5.886

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0										
	REGULAR		MINIMUM (ft.lb)		5760	5760	6060	6200	6650	7090	7830
			OPTIMUM (ft.lb)		6400	6400	6730	6890	7390	7880	8700
			MAXIMUM (ft.lb)		7040	7040	7400	7580	8130	8670	9570
			BODY YIELD TORQUE (ft.lb)		48150	48150	54170	57180	66200	75230	90280
	SPECIAL CLEARANCE		MINIMUM (ft.lb)		5180	5180	5450	5580	5980	6380	7050
			OPTIMUM (ft.lb)		5760	5760	6060	6200	6650	7090	7830
			MAXIMUM (ft.lb)		6340	6340	6670	6820	7320	7800	8610

CONNECTION	COLLAPSE RESISTANCE (psi)					12000	12000	13490	14240	16490	18560	21480	
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)					11420	11420	12850	13570	15710	17850	21420	
	MAXIMUM BENDING ANGLE (° PER 100ft)					88	88	99	104	121	137	164	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					6	6	6	6	6	6	6	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					321	321	362	382	442	502	603	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					172	172	193	204	236	268	322	
						PARTING LOAD (kips)							
	REGULAR COUPLING O.D.					532	510	543	571	676	737	876	
	SPECIAL CLEARANCE COUPLING O.D.					391	371	391	411	489	528	626	
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (in³)				
	REGULAR COUPLING				W	5.661	4.284	18.58	102	2170			
	SPECIAL CLEARANCE COUPLING				Wc	5.445	4.284	13.53	70	2152			
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													