

# TECHNICAL INFORMATION - HSC HICOM

# CASING

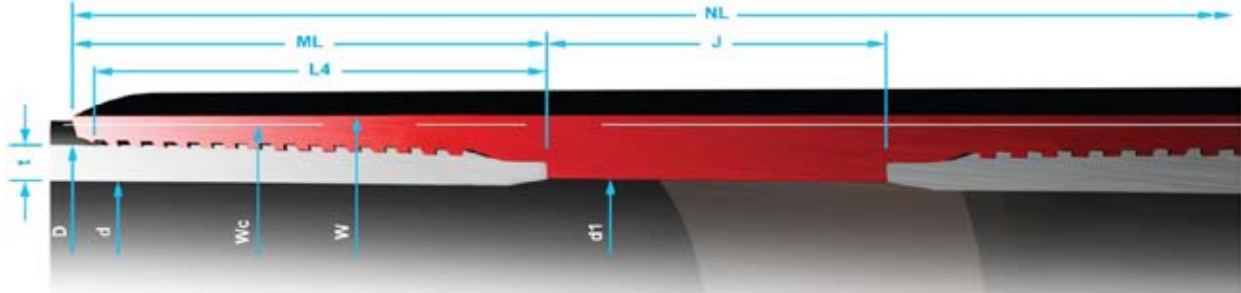


SIZE: **5"**

NOMINAL WEIGHT: **13.00 lb/ft**

WALL THICKNESS: **0.253"**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (in)	D	5.000	INSIDE DIA. (in)	d	4.494	DRIFT DIA. (in)		4.369	PLAIN END WT (lb/ft)		12.83
	GRADE					N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)					5140	5140	5430	5560	5850	6040	6510
	INTERNAL YIELD PRESSURE (psi)					7080	7080	7970	8410	9740	11070	13280
	BODY YIELD STRENGTH (kips)					302	302	340	358	415	472	566
	ULTIMATE STRENGTH (kips)					377	358	377	396	472	509	604
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					3.773	3.773	3.773	3.773	3.773	3.773	3.773

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
	REGULAR		MINIMUM (ft.lb)		3300	3300	3540	3640	4000	4340	4900	
			OPTIMUM (ft.lb)		3670	3670	3930	4050	4440	4820	5450	
			MAXIMUM (ft.lb)		4040	4040	4320	4460	4880	5300	6000	
			BODY YIELD TORQUE (ft.lb)		32820	32820	36920	38970	45120	51280	61530	
	SPECIAL CLEARANCE		MINIMUM (ft.lb)		2980	2980	3190	3280	3590	3910	4420	
			OPTIMUM (ft.lb)		3310	3310	3540	3650	3990	4340	4910	
			MAXIMUM (ft.lb)		3640	3640	3890	4020	4390	4770	5400	

CONNECTION	COLLAPSE RESISTANCE (psi)					5140	5140	5430	5560	5850	6040	6510	
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)					7080	7080	7970	8410	9740	11070	13280	
	MAXIMUM BENDING ANGLE (° PER 100ft)					82	82	92	97	112	128	153	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					3.851	3.851	3.851	3.851	3.851	3.851	3.851	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					151	151	170	179	207	236	283	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					55	55	62	65	75	86	103	
						PARTING LOAD (kips)							
	REGULAR COUPLING O.D.					341	327	348	366	434	473	562	
	SPECIAL CLEARANCE COUPLING O.D.					251	239	251	264	314	339	402	
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (in³)			
	REGULAR COUPLING				W	5.414	4.544	11.77	102		1390		
	SPECIAL CLEARANCE COUPLING				Wc	5.270	4.544	8.53	70		1378		
	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													