

TECHNICAL INFORMATION - HSC HICOM

CASING

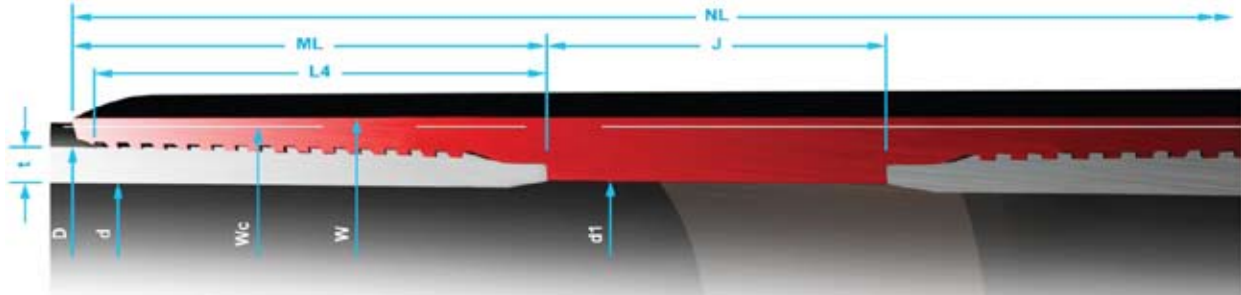


SIZE: **14"**

NOMINAL WEIGHT: **100.00 lb/ft**

WALL THICKNESS: **0.700"**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (in)	D	14.000	INSIDE DIA. (in)	d	12.600	DRIFT DIA. (in)		12.412	PLAIN END WT (lb/ft)		99.43
	GRADE					N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)					4990	4990	5260	5380	5630	5880	6310
	INTERNAL YIELD PRESSURE (psi)					7000	7000	7880	8310	9630	10940	13130
	BODY YIELD STRENGTH (kips)					2340	2340	2632	2779	3217	3656	4387
	ULTIMATE STRENGTH (kips)					2925	2779	2925	3071	3656	3949	4680
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					29.248	29.248	29.248	29.248	29.248	29.248	29.248

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
	REGULAR		MINIMUM (ft.lb)		29560	29560	30470	30930	32290	33660	35940	
			OPTIMUM (ft.lb)		32850	32850	33860	34370	35880	37400	39930	
			MAXIMUM (ft.lb)		36140	36140	37250	37810	39470	41140	43920	
			BODY YIELD TORQUE (ft.lb)		713170	713170	802320	846890	980610	1114330	1337200	
	SPECIAL CLEARANCE		MINIMUM (ft.lb)		26610	26610	27430	27840	29060	30290	32340	
			OPTIMUM (ft.lb)		29570	29570	30480	30930	32290	33660	35930	
			MAXIMUM (ft.lb)		32530	32530	33530	34020	35520	37030	39520	

CONNECTION	COLLAPSE RESISTANCE (psi)					4990	4990	5260	5380	5630	5880	6310	
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)					7000	7000	7880	8310	9630	10940	13130	
	MAXIMUM BENDING ANGLE (° PER 100ft)					29	29	33	35	40	45	55	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					29.84	29.84	29.84	29.84	29.84	29.84	29.84	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					1774	1774	1996	2107	2439	2772	3326	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					1026	1026	1155	1219	1411	1604	1924	
						PARTING LOAD (kips)							
	REGULAR COUPLING O.D.					2365	2308	2519	2653	3110	3454	4123	
	SPECIAL CLEARANCE COUPLING O.D.					1945	1847	1945	2042	2431	2625	3111	
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (in³)			
	REGULAR COUPLING				W	15.151	12.700	116.6	102		10858		
	SPECIAL CLEARANCE COUPLING				Wc	14.752	12.700	82.99	70		10739		
LENGTH OF COUPLING (in)				NL	12.660								
MAKE UP LOSS (in)				ML	5.330								
The above information is for reference only. The information is subject to change or modification without notice. Please contact HSC for the latest information													