

TECHNICAL INFORMATION - HSC HICOM

CASING

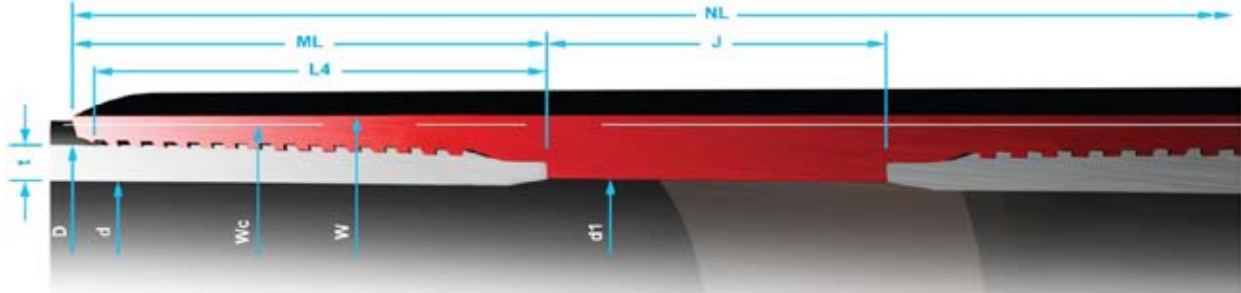


SIZE: **7"**

NOMINAL WEIGHT: **35.00 lb/ft**

WALL THICKNESS: **0.498"**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (in)	D	7.000	INSIDE DIA. (in)	d	6.004	DRIFT DIA. (in)	5.879	PLAIN END WT (lb/ft)	34.58		
	GRADE					N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)					10180	10180	11170	11650	13020	14310	16220
	INTERNAL YIELD PRESSURE (psi)					9960	9960	11210	11830	13700	15560	18680
	BODY YIELD STRENGTH (kips)					814	814	916	966	1119	1272	1526
	ULTIMATE STRENGTH (kips)					1017	966	1017	1068	1272	1373	1628
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					10.172	10.172	10.172	10.172	10.172	10.172	10.172

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
	REGULAR	MINIMUM (ft.lb)				11740	11740	12290	12560	13390	14220	15600
		OPTIMUM (ft.lb)				13050	13050	13660	13960	14880	15800	17330
		MAXIMUM (ft.lb)				14360	14360	15030	15360	16370	17380	19060
	BODY YIELD TORQUE (ft.lb)				118930	118930	133790	141230	163520	185820	222990	
	SPECIAL CLEARANCE	MINIMUM (ft.lb)				10570	10570	11060	11310	12050	12800	14030
		OPTIMUM (ft.lb)				11740	11740	12290	12570	13390	14220	15590
		MAXIMUM (ft.lb)				12910	12910	13520	13830	14730	15640	17150

CONNECTION	COLLAPSE RESISTANCE (psi)					10180	10180	11170	11650	13020	14310	16220	
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)					9960	9960	11210	11830	13700	15560	18680	
	MAXIMUM BENDING ANGLE (° PER 100ft)					61	61	69	73	84	95	115	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					10.38	10.38	10.38	10.38	10.38	10.38	10.38	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					609	609	685	724	838	952	1142	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					350	350	394	416	482	547	657	
	PARTING LOAD (kips)												
	REGULAR COUPLING O.D.					898	864	925	973	1150	1258	1496	
	SPECIAL CLEARANCE COUPLING O.D.					677	643	677	711	846	914	1083	
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (in³)				
	REGULAR COUPLING				W	7.835	6.104	32.46	102	3752			
	SPECIAL CLEARANCE COUPLING				Wc	7.566	6.104	23.74	70	3721			
	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								

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