

TECHNICAL INFORMATION - HSC HICOM



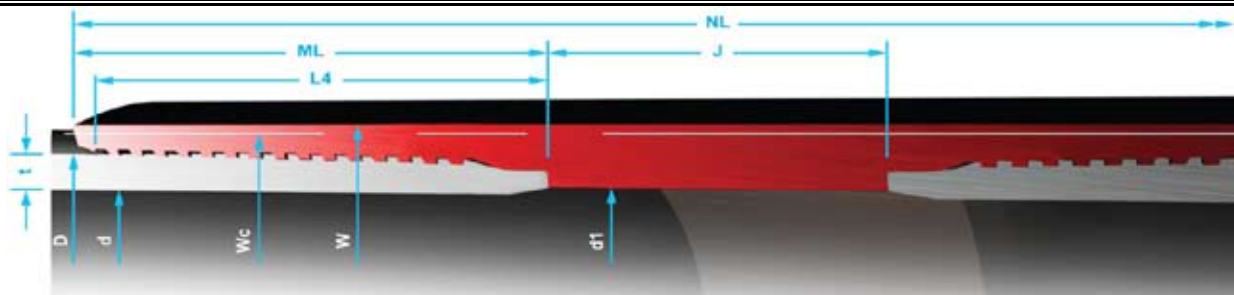
CASING

SIZE: 11 7/8"

NOMINAL WEIGHT: 71.80 lb/ft

WALL THICKNESS: 0.582"

THREADS PER INCH: 5



PIPE BODY	OUTSIDE DIA. (in)	D	11.875	INSIDE DIA. (in)	d	10.711	DRIFT DIA. (in)		10.555	PLAIN END WT (lb/ft)		70.19
	GRADE					N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)					4750	4750	4990	5090	5290	5620	6000
	INTERNAL YIELD PRESSURE (psi)					6860	6860	7720	8150	9440	10720	12870
	BODY YIELD STRENGTH (kips)					1652	1652	1858	1962	2271	2581	3097
	ULTIMATE STRENGTH (kips)					2065	1962	2065	2168	2581	2788	3304
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					20.648	20.648	20.648	20.648	20.648	20.648	20.648
MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
	REGULAR		MINIMUM (ft.lb)		18200	18200	18880	19220	20250	21280	23000	
			OPTIMUM (ft.lb)		20220	20220	20980	21360	22500	23640	25550	
			MAXIMUM (ft.lb)		22240	22240	23080	23500	24750	26000	28100	
			BODY YIELD TORQUE (ft.lb)		427900	427900	481380	508130	588360	668590	802300	
	SPECIAL CLEARANCE		MINIMUM (ft.lb)		16370	16370	16990	17300	18220	19150	20690	
			OPTIMUM (ft.lb)		18190	18190	18880	19220	20250	21280	22990	
MAXIMUM (ft.lb)			20010	20010	20770	21140	22280	23410	25290			
CONNECTION	COLLAPSE RESISTANCE (psi)					4750	4750	4990	5090	5290	5620	6000
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100
	INTERNAL YIELD PRESSURE (psi)					6860	6860	7720	8150	9440	10720	12870
	MAXIMUM BENDING ANGLE (° PER 100ft)					34	34	39	41	47	54	64
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					21.062	21.062	21.062	21.062	21.062	21.062	21.062
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					1165	1165	1311	1384	1602	1821	2185
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					638	638	717	757	877	997	1196
						PARTING LOAD (kips)						
	REGULAR COUPLING O.D.					1716	1667	1808	1904	2238	2474	2949
	SPECIAL CLEARANCE COUPLING O.D.					1373	1304	1373	1441	1716	1853	2196
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (in³)	
	REGULAR COUPLING			W	12.809	10.811	81.14		102		7658	
	SPECIAL CLEARANCE COUPLING			Wc	12.476	10.811	57.42		70		7575	
	LENGTH OF COUPLING (in)			NL	12.660	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	5.330							