

TECHNICAL INFORMATION - HSC HICOM



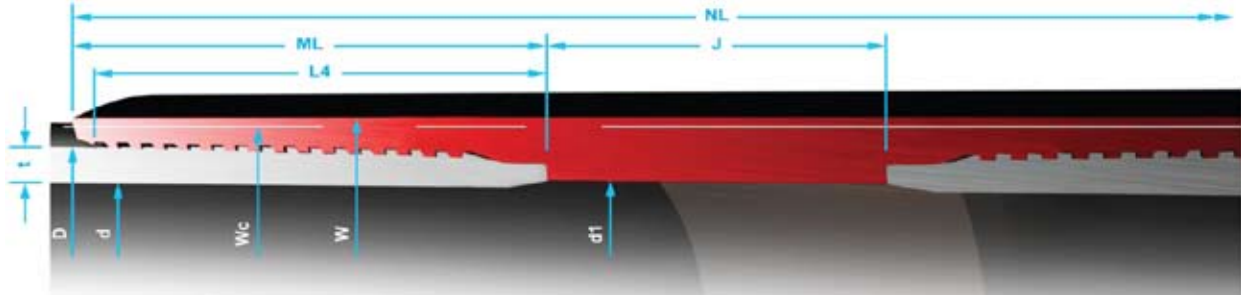
CASING

SIZE: 7 5/8"

NOMINAL WEIGHT: 42.80 lb/ft

WALL THICKNESS: 0.562"

THREADS PER INCH: 5



PIPE BODY	OUTSIDE DIA. (in)	D	7.625	INSIDE DIA. (in)	d	6.501	DRIFT DIA. (in)		6.376	PLAIN END WT (lb/ft)		42.39
	GRADE					N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)					10810	10810	11890	12410	13920	15350	17500
	INTERNAL YIELD PRESSURE (psi)					10320	10320	11610	12250	14190	16120	19350
	BODY YIELD STRENGTH (kips)					998	998	1122	1185	1372	1559	1871
	ULTIMATE STRENGTH (kips)					1247	1185	1247	1309	1559	1683	1995
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					12.47	12.47	12.47	12.47	12.47	12.47	12.47
MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
	REGULAR		MINIMUM (ft.lb)		9880	9880	10240	10420	10960	11500	12400	
			OPTIMUM (ft.lb)		10980	10980	11380	11580	12180	12780	13780	
			MAXIMUM (ft.lb)		12080	12080	12520	12740	13400	14060	15160	
			BODY YIELD TORQUE (ft.lb)		158010	158010	177760	187630	217260	246880	296260	
	SPECIAL CLEARANCE		MINIMUM (ft.lb)		8890	8890	9220	9380	9860	10350	11160	
			OPTIMUM (ft.lb)		9880	9880	10240	10420	10960	11500	12400	
MAXIMUM (ft.lb)			10870	10870	11260	11460	12060	12650	13640			
CONNECTION	COLLAPSE RESISTANCE (psi)				10810	10810	11890	12410	13920	15350	17500	
	COMPRESSION RESISTANCE (%)				100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)				100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)				10320	10320	11610	12250	14190	16120	19350	
	MAXIMUM BENDING ANGLE (° PER 100ft)				56	56	63	67	78	88	106	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)				12.717	12.717	12.717	12.717	12.717	12.717	12.717	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)				753	753	847	894	1035	1176	1412	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)				436	436	490	517	599	681	817	
					PARTING LOAD (kips)							
	REGULAR COUPLING O.D.				1093	1053	1129	1187	1402	1536	1827	
	SPECIAL CLEARANCE COUPLING O.D.				830	788	830	871	1037	1120	1328	
				OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (in³)		
	REGULAR COUPLING			W	8.547	6.601	42.27		102		4607	
	SPECIAL CLEARANCE COUPLING			Wc	8.245	6.601	30.69		70		4566	
	LENGTH OF COUPLING (in)			NL	10.260	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	4.130							