

# TECHNICAL INFORMATION - HSC HICOM

# TUBING

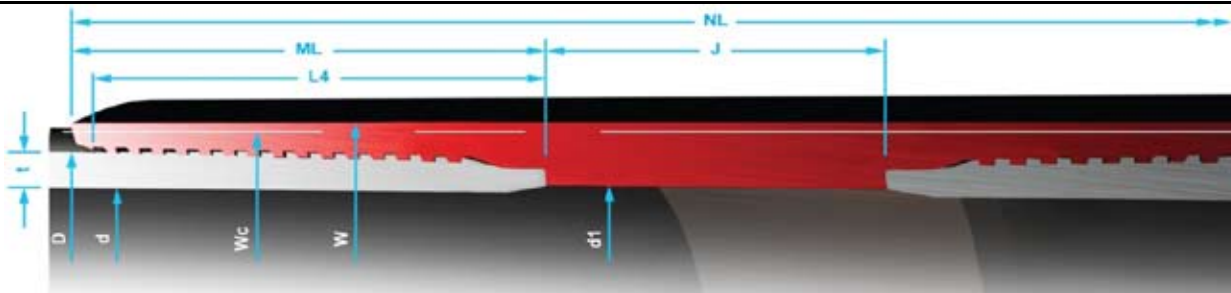


SIZE: **114.30 mm**

NOMINAL WEIGHT: **32.00 kg/m**

WALL THICKNESS: **12.70 mm**

THREADS PER INCH: **6**



PIPE BODY	OUTSIDE DIA. (mm)	D	114.30	INSIDE DIA. (mm)	d	88.90	DRIFT DIA. (mm)				85.72	PLAIN END WT (kg/m)		31.79
	GRADE						N80	L80	C90	C95	P110	Q125	150	
	COLLAPSE RESISTANCE (MPa)						108.9	108.9	122.6	129.4	149.8	170.2	204.3	
	INTERNAL YIELD PRESSURE (MPa)						107.3	107.3	120.7	127.4	147.5	167.6	201.1	
	BODY YIELD STRENGTH (kN)						2237	2237	2513	2656	3074	3492	4190	
	ULTIMATE STRENGTH (kN)						2793	2656	2793	2936	3492	3772	4470	
	NOMINAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )						4054	4054	4054	4054	4054	4054	4054	

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0								
	REGULAR	MINIMUM (Nm)		11590	11590	12240	12570	13530	14490
OPTIMUM (Nm)		12880	12880	13600	13960	15040	16110	17910	
MAXIMUM (Nm)		14170	14170	14950	15360	16540	17720	19700	
	BODY YIELD TORQUE (Nm)		59210	59210	66600	70300	81400	92510	111000
SPECIAL CLEARANCE	MINIMUM (Nm)		10440	10440	11020	11310	12180	13060	14510
	OPTIMUM (Nm)		11590	11590	12240	12570	13530	14510	16120
	MAXIMUM (Nm)		12760	12760	13460	13830	14890	15960	17730

CONNECTION	COLLAPSE RESISTANCE (MPa)		108.9	108.9	122.6	129.4	149.8	170.2	204.3	
	COMPRESSION RESISTANCE (%)		100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)		100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (MPa)		107.3	107.3	120.7	127.4	147.5	167.6	201.1	
	MAXIMUM BENDING ANGLE (° PER 30m)		103	103	116	122	142	161	193	
	BOX CRITICAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )		4136	4136	4136	4136	4136	4136	4136	
	MAXIMUM LOAD OF REG. COUPLING FACE (kN)		1619	1619	1819	1922	2224	2527	3034	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kN)		907	907	1019	1076	1246	1419	1699	
	<b>PARTING LOAD (kN)</b>									
	REGULAR COUPLING O.D.		2544	2433	2589	2722	3225	3514	4172	
SPECIAL CLEARANCE COUPLING O.D.		1859	1766	1859	1953	2322	2509	2971		
		OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (m <sup>3</sup> )		
REGULAR COUPLING		W	133.91	91.44	8.12		102	0.0379		
SPECIAL CLEARANCE COUPLING		Wc	127.58	91.44	5.97		70	0.0376		
LENGTH OF COUPLING (mm)		NL	211.53	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 (mm)		ML	80.37							