

# TECHNICAL INFORMATION - HSC HICOM

# TUBING

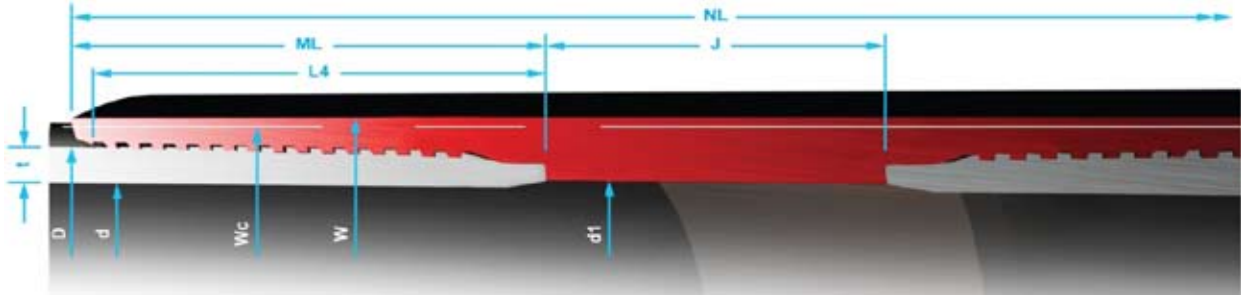


SIZE: **114.30 mm**

NOMINAL WEIGHT: **26.34 kg/m**

WALL THICKNESS: **10.21 mm**

THREADS PER INCH: **6**



P I P E  B O D Y	OUTSIDE DIA. (mm)	D	114.30	INSIDE DIA. (mm)	d	93.88	DRIFT DIA. (mm)	90.70	PLAIN END WT (kg/m)		26.18	
	GRADE				N80	L80	C90	C95	P110	Q125	150	
	COLLAPSE RESISTANCE (MPa)				89.8	89.8	101.0	106.6	123.4	140.2	168.3	
	INTERNAL YIELD PRESSURE (MPa)				86.2	86.2	97.0	102.4	118.6	134.7	161.7	
	BODY YIELD STRENGTH (kN)				1842	1842	2073	2189	2531	2878	3452	
	ULTIMATE STRENGTH (kN)				2304	2189	2304	2415	2878	3109	3683	
NOMINAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )				3339	3339	3339	3339	3339	3339	3339	3339	
<b>RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0</b>												
M A K E  U P	REGULAR		MINIMUM (Nm)		9440	9440	10030	10320	11210	12110	13600	
			OPTIMUM (Nm)		10480	10480	11140	11470	12460	13450	15100	
			MAXIMUM (Nm)		11520	11520	12260	12620	13710	14790	16610	
			BODY YIELD TORQUE (Nm)		50880	50880	57240	60420	69960	79510	95410	
	SPECIAL CLEARANCE		MINIMUM (Nm)		8490	8490	9030	9300	10090	10900	12240	
			OPTIMUM (Nm)		9440	9440	10030	10330	11210	12110	13600	
MAXIMUM (Nm)			10390	10390	11040	11360	12340	13310	14950			
C O N N E C T I O N	COLLAPSE RESISTANCE (MPa)				89.8	89.8	101.0	106.6	123.4	140.2	168.3	
	COMPRESSION RESISTANCE (%)				100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)				100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (MPa)				86.2	86.2	97.0	102.4	118.6	134.7	161.7	
	MAXIMUM BENDING ANGLE (° PER 30m)				98	98	110	116	134	153	183	
	BOX CRITICAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )				3403	3403	3403	3403	3403	3403	3403	
	MAXIMUM LOAD OF REG. COUPLING FACE (kN)				1219	1219	1370	1446	1673	1899	2282	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kN)				632	632	712	752	872	992	1188	
					<b>PARTING LOAD (kN)</b>							
	REGULAR COUPLING O.D.				2095	2006	2135	2242	2656	2891	3438	
	SPECIAL CLEARANCE COUPLING O.D.				1530	1455	1530	1610	1913	2068	2451	
				OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (m <sup>3</sup> )		
	REGULAR COUPLING			W	130.38	96.42	6.60		102		0.0312	
	SPECIAL CLEARANCE COUPLING			Wc	125.07	96.42	4.84		70		0.0309	
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								