

# TECHNICAL INFORMATION - HSC HICOM

# TUBING

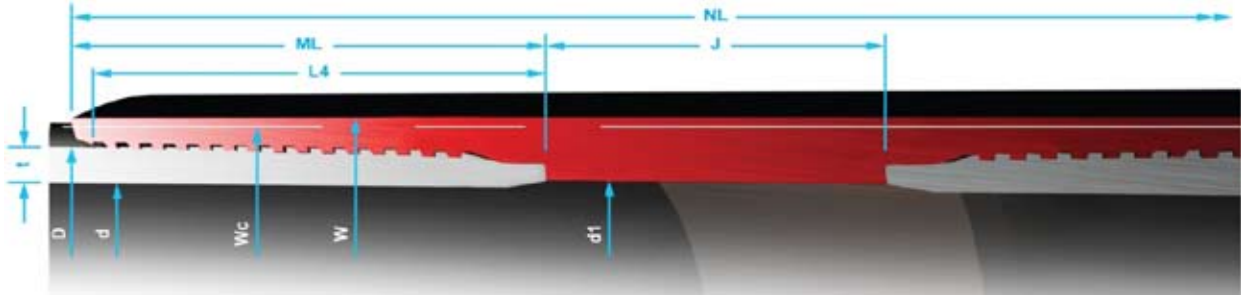


SIZE: **114.30 mm**

NOMINAL WEIGHT: **25.30 kg/m**

WALL THICKNESS: **9.65 mm**

THREADS PER INCH: **6**



P I P E  B O D Y	OUTSIDE DIA. (mm)	D	114.30	INSIDE DIA. (mm)	d	95.00	DRIFT DIA. (mm)	91.82	PLAIN END WT (kg/m)		24.88		
	GRADE						N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (MPa)						85.3	85.3	96.0	101.3	117.3	133.3	157.8
	INTERNAL YIELD PRESSURE (MPa)						81.5	81.5	91.7	96.8	112.1	127.4	152.8
	BODY YIELD STRENGTH (kN)						1748	1748	1971	2077	2406	2736	3283
	ULTIMATE STRENGTH (kN)						2189	2077	2189	2295	2736	2954	3501
NOMINAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )						3173	3173	3173	3173	3173	3173	3173	
<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)		8840	8840	9410	9710	10550	11420	12830		
			OPTIMUM (Nm)		9830	9830	10450	10780	11730	12680	14250		
			MAXIMUM (Nm)		10820	10820	11500	11860	12910	13940	15670		
			BODY YIELD TORQUE (Nm)		48820	48820	54920	57970	67130	76280	91540		
	SPECIAL CLEARANCE		MINIMUM (Nm)		7960	7960	8470	8730	9490	10260	11540		
			OPTIMUM (Nm)		8840	8840	9410	9690	10550	11400	12830		
MAXIMUM (Nm)			9720	9720	10340	10670	11610	12540	14110				
C O N N E C T I O N	COLLAPSE RESISTANCE (MPa)						85.3	85.3	96.0	101.3	117.3	133.3	157.8
	COMPRESSION RESISTANCE (%)						100	100	100	100	100	100	100
	TENSILE EFFICIENCY (%)						100	100	100	100	100	100	100
	INTERNAL YIELD PRESSURE (MPa)						81.5	81.5	91.7	96.8	112.1	127.4	152.8
	MAXIMUM BENDING ANGLE (° PER 30m)						97	97	109	115	133	151	181
	BOX CRITICAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )						3237	3237	3237	3237	3237	3237	3237
	MAXIMUM LOAD OF REG. COUPLING FACE (kN)						1125	1125	1268	1339	1548	1761	2113
	MAXIMUM LOAD OF S.C. COUPLING FACE (kN)						569	569	641	676	783	890	1068
							<b>PARTING LOAD (kN)</b>						
	REGULAR COUPLING O.D.						1988	1904	2028	2131	2527	2749	3265
	SPECIAL CLEARANCE COUPLING O.D.						1455	1379	1455	1526	1815	1962	2326
					OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)	JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (m <sup>3</sup> )			
	REGULAR COUPLING				W	129.57	97.54	6.26	102		0.0296		
	SPECIAL CLEARANCE COUPLING				Wc	124.46	97.54	4.57	70		0.0294		
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								