

# TECHNICAL INFORMATION - HSC HICOM

# TUBING

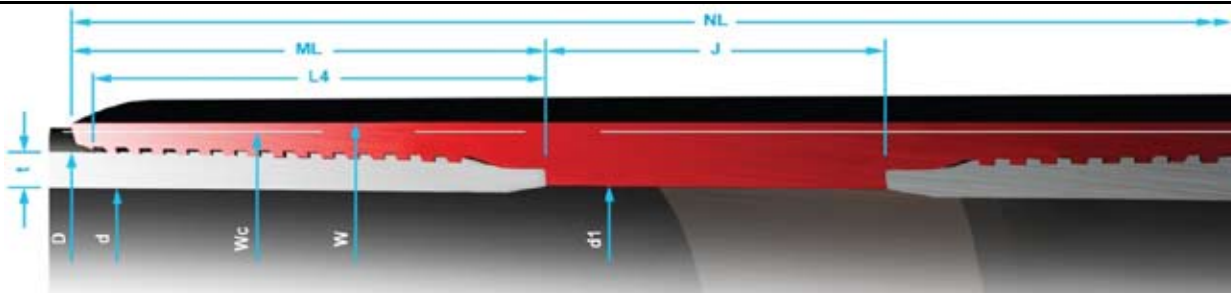


SIZE: **88.90 mm**

NOMINAL WEIGHT: **20.39 kg/m**

WALL THICKNESS: **10.49 mm**

THREADS PER INCH: **6**



P I P E B O D Y	OUTSIDE DIA. (mm)	D	88.90	INSIDE DIA. (mm)	d	67.92	DRIFT DIA. (mm)	64.74	PLAIN END WT (kg/m)		20.27	
	GRADE				N80	L80	C90	C95	P110	Q125	150	
	COLLAPSE RESISTANCE (MPa)				114.9	114.9	129.2	136.4	158.0	179.5	215.4	
	INTERNAL YIELD PRESSURE (MPa)				113.9	113.9	128.1	135.3	156.6	178.0	213.6	
	BODY YIELD STRENGTH (kN)				1423	1423	1601	1695	1962	2229	2673	
	ULTIMATE STRENGTH (kN)				1784	1695	1784	1873	2229	2406	2851	
NOMINAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )				2584	2584	2584	2584	2584	2584	2584	2584	
<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)		6060	6060	6400	6590	7120	7630	8500	
			OPTIMUM (Nm)		6740	6740	7120	7320	7900	8490	9450	
			MAXIMUM (Nm)		7420	7420	7840	8050	8690	9340	10400	
	BODY YIELD TORQUE (Nm)		28960	28960	32580	34400	39820	45260	54310			
	SPECIAL CLEARANCE		MINIMUM (Nm)		5450	5450	5780	5920	6400	6870	7660	
			OPTIMUM (Nm)		6060	6060	6410	6590	7100	7630	8510	
MAXIMUM (Nm)			6670	6670	7050	7250	7810	8390	9370			
C O N N E C T I O N	COLLAPSE RESISTANCE (MPa)				114.9	114.9	129.2	136.4	158.0	179.5	215.4	
	COMPRESSION RESISTANCE (%)				100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)				100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (MPa)				113.9	113.9	128.1	135.3	156.6	178.0	213.6	
	MAXIMUM BENDING ANGLE (° PER 30m)				135	135	152	160	186	211	253	
	BOX CRITICAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )				2636	2636	2636	2636	2636	2636	2636	
	MAXIMUM LOAD OF REG. COUPLING FACE (kN)				974	974	1099	1161	1343	1526	1828	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kN)				525	525	592	623	721	818	983	
									<b>PARTING LOAD (kN)</b>			
	REGULAR COUPLING O.D.				1641	1566	1664	1748	2073	2255	2673	
	SPECIAL CLEARANCE COUPLING O.D.				1183	1125	1183	1246	1481	1601	1895	
				OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)		JOINT EFFICIENCY (%)		30° JOINT MUD DISPLACEMENT (m <sup>3</sup> )		
	REGULAR COUPLING			W	105.08	70.46	4.85		102		0.0241	
	SPECIAL CLEARANCE COUPLING			Wc	99.95	70.46	3.59		70		0.0239	
LENGTH OF COUPLING (mm)			NL	194.56	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	71.88								