

TECHNICAL INFORMATION - HSC HICOM

TUBING

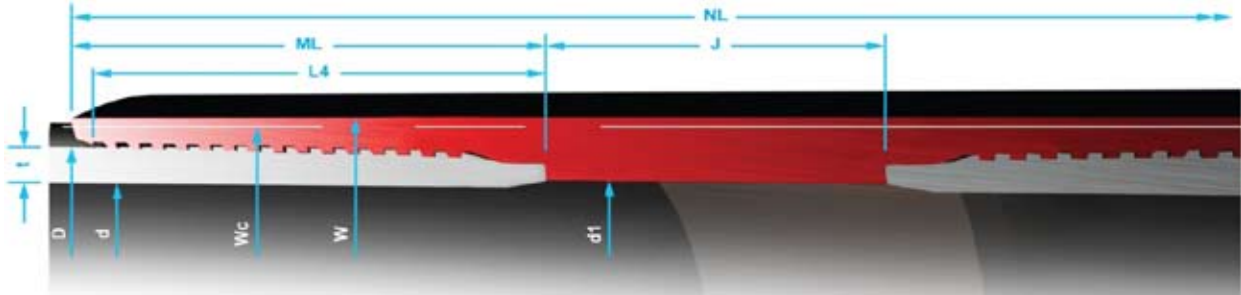


SIZE: **114.30 mm**

NOMINAL WEIGHT: **20.09 kg/m**

WALL THICKNESS: **7.37 mm**

THREADS PER INCH: **6**



P I P E B O D Y	OUTSIDE DIA. (mm)	D	114.30	INSIDE DIA. (mm)	d	99.57	DRIFT DIA. (mm)	96.39	PLAIN END WT (kg/m)		19.41	
	GRADE				N80	L80	C90	C95	P110	Q125	150	
	COLLAPSE RESISTANCE (MPa)				58.9	58.9	64.1	66.6	73.6	80.0	88.7	
	INTERNAL YIELD PRESSURE (MPa)				62.2	62.2	70.0	73.9	85.5	97.2	116.6	
	BODY YIELD STRENGTH (kN)				1366	1366	1535	1619	1877	2131	2558	
	ULTIMATE STRENGTH (kN)				1708	1619	1708	1793	2131	2304	2731	
NOMINAL CROSS-SECTIONAL AREA (mm ²)				2475	2475	2475	2475	2475	2475	2475	2475	
RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0												
M A K E U P	REGULAR		MINIMUM (Nm)		6010	6010	6410	6630	7250	7860	8910	
			OPTIMUM (Nm)		6670	6670	7130	7360	8050	8750	9900	
			MAXIMUM (Nm)		7330	7330	7850	8090	8850	9630	10890	
	BODY YIELD TORQUE (Nm)		39600	39600	44550	47030	54460	61880	74260			
	SPECIAL CLEARANCE		MINIMUM (Nm)		5410	5410	5790	5970	6540	7090	8010	
			OPTIMUM (Nm)		6010	6010	6430	6630	7250	7880	8910	
MAXIMUM (Nm)			6600	6600	7060	7290	7970	8660	9800			
C O N N E C T I O N	COLLAPSE RESISTANCE (MPa)				58.9	58.9	64.1	66.6	73.6	80.0	88.7	
	COMPRESSION RESISTANCE (%)				100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)				100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (MPa)				62.2	62.2	70.0	73.9	85.5	97.2	116.6	
	MAXIMUM BENDING ANGLE (° PER 30m)				92	92	104	109	127	144	173	
	BOX CRITICAL CROSS-SECTIONAL AREA (mm ²)				2524	2524	2524	2524	2524	2524	2524	
	MAXIMUM LOAD OF REG. COUPLING FACE (kN)				734	734	827	872	1010	1148	1379	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kN)				302	302	343	360	418	472	569	
	PARTING LOAD (kN)											
	REGULAR COUPLING O.D.				1552	1486	1579	1664	1971	2144	2549	
	SPECIAL CLEARANCE COUPLING O.D.				1134	1076	1134	1192	1419	1530	1815	
				OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (m ³)		
	REGULAR COUPLING			W	126.01	102.11	4.78		102		0.0231	
	SPECIAL CLEARANCE COUPLING			Wc	121.95	102.11	3.47		70		0.0229	
LENGTH OF COUPLING (mm)			NL	211.53								
MAKE UP LOSS (mm)			ML	80.37								
The above information is for reference only. The information is subject to change or modification without notice. Please contact HSC for the latest information												