

TECHNICAL INFORMATION - HSC HICOM

TUBING



SIZE: **114.30 mm**

NOMINAL WEIGHT: **22.47 kg/m**

WALL THICKNESS: **8.56 mm**

THREADS PER INCH: **6**



P I P E B O D Y	OUTSIDE DIA. (mm)	D	114.30	INSIDE DIA. (mm)	d	97.18	DRIFT DIA. (mm)	94.01	PLAIN END WT (kg/m)		22.29	
	GRADE				N80	L80	C90	C95	P110	Q125	150	
	COLLAPSE RESISTANCE (MPa)				76.5	76.5	84.3	88.0	98.9	109.2	124.9	
	INTERNAL YIELD PRESSURE (MPa)				72.3	72.3	81.3	85.8	99.4	112.9	135.5	
	BODY YIELD STRENGTH (kN)				1570	1570	1766	1864	2157	2451	2940	
	ULTIMATE STRENGTH (kN)				1962	1864	1962	2060	2451	2647	3136	
NOMINAL CROSS-SECTIONAL AREA (mm ²)				2844	2844	2844	2844	2844	2844	2844	2844	
RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0												
M A K E U P	REGULAR			MINIMUM (Nm)	7580	7580	8080	8340	9080	9840	11120	
				OPTIMUM (Nm)	8420	8420	8980	9260	10100	10940	12350	
				MAXIMUM (Nm)	9260	9260	9870	10180	11120	12040	13590	
	BODY YIELD TORQUE (Nm)			44580	44580	50150	52940	61300	69660	83590		
	SPECIAL CLEARANCE			MINIMUM (Nm)	6810	6810	7270	7500	8180	8850	9990	
				OPTIMUM (Nm)	7570	7570	8080	8320	9080	9840	11100	
MAXIMUM (Nm)				8320	8320	8890	9150	9990	10830	12220		
C O N N E C T I O N	COLLAPSE RESISTANCE (MPa)				76.5	76.5	84.3	88.0	98.9	109.2	124.9	
	COMPRESSION RESISTANCE (%)				100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)				100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (MPa)				72.3	72.3	81.3	85.8	99.4	112.9	135.5	
	MAXIMUM BENDING ANGLE (° PER 30m)				94	94	106	112	130	147	177	
	BOX CRITICAL CROSS-SECTIONAL AREA (mm ²)				2899	2899	2899	2899	2899	2899	2899	
	MAXIMUM LOAD OF REG. COUPLING FACE (kN)				939	939	1059	1117	1294	1468	1761	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kN)				445	445	498	529	609	694	832	
									PARTING LOAD (kN)			
	REGULAR COUPLING O.D.				1784	1708	1815	1908	2264	2464	2927	
	SPECIAL CLEARANCE COUPLING O.D.				1303	1241	1303	1370	1632	1761	2086	
				OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (m ³)		
	REGULAR COUPLING			W	127.89	99.72	5.56		102		0.0265	
	SPECIAL CLEARANCE COUPLING			Wc	123.29	99.72	4.05		70		0.0263	
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								