

TECHNICAL INFORMATION - HSC HICOM

TUBING



SIZE: **101.60 mm**

NOMINAL WEIGHT: **12.20 kg/m**

WALL THICKNESS: **4.83 mm**

THREADS PER INCH: **6**



P I P E B O D Y	OUTSIDE DIA. (mm)	D	101.60	INSIDE DIA. (mm)	d	91.95	DRIFT DIA. (mm)	88.77	PLAIN END WT (kg/m)		11.50	
	GRADE				N80	L80	C90	C95	P110	Q125	150	
	COLLAPSE RESISTANCE (MPa)				30.2	30.2	31.5	32.0	34.1	36.1	37.9	
	INTERNAL YIELD PRESSURE (MPa)				45.9	45.9	51.6	54.4	63.0	71.6	86.0	
	BODY YIELD STRENGTH (kN)				810	810	912	961	1112	1263	1517	
	ULTIMATE STRENGTH (kN)				1010	961	1010	1063	1263	1366	1619	
NOMINAL CROSS-SECTIONAL AREA (mm ²)				1467	1467	1467	1467	1467	1467	1467	1467	
RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0												
M A K E U P	REGULAR		MINIMUM (Nm)		2160	2160	2290	2360	2550	2740	3060	
			OPTIMUM (Nm)		2400	2400	2550	2620	2830	3040	3400	
			MAXIMUM (Nm)		2640	2640	2810	2870	3120	3340	3740	
			BODY YIELD TORQUE (Nm)		21580	21580	24280	25640	29680	33730	40470	
	SPECIAL CLEARANCE		MINIMUM (Nm)		1940	1940	2060	2130	2290	2470	2750	
			OPTIMUM (Nm)		2160	2160	2290	2360	2550	2740	3060	
MAXIMUM (Nm)			2370	2370	2520	2590	2810	3010	3380			
C O N N E C T I O N	COLLAPSE RESISTANCE (MPa)				30.2	30.2	31.5	32.0	34.1	36.1	37.9	
	COMPRESSION RESISTANCE (%)				100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)				100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (MPa)				45.9	45.9	51.6	54.4	63.0	71.6	86.0	
	MAXIMUM BENDING ANGLE (° PER 30m)				100	100	112	118	137	156	187	
	BOX CRITICAL CROSS-SECTIONAL AREA (mm ²)				1499	1499	1499	1499	1499	1499	1499	
	MAXIMUM LOAD OF REG. COUPLING FACE (kN)				267	267	302	320	369	418	503	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kN)				9	9	9	9	13	13	18	
					PARTING LOAD (kN)							
	REGULAR COUPLING O.D.				925	885	943	988	1174	1277	1512	
	SPECIAL CLEARANCE COUPLING O.D.				672	636	672	707	841	907	1076	
				OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (m ³)		
	REGULAR COUPLING			W	109.22	92.71	2.77		102		0.0137	
	SPECIAL CLEARANCE COUPLING			Wc	106.43	92.71	2.01		70		0.0136	
LENGTH OF COUPLING (mm)			NL	203.05								
MAKE UP LOSS (mm)			ML	76.12								
The above information is for reference only. The information is subject to change or modification without notice. Please contact HSC for the latest information												