

TECHNICAL INFORMATION - HSC HICOM

TUBING



SIZE: **101.60 mm**

NOMINAL WEIGHT: **19.64 kg/m**

WALL THICKNESS: **8.38 mm**

THREADS PER INCH: **6**



P I P E B O D Y	OUTSIDE DIA. (mm)	D	101.60	INSIDE DIA. (mm)	d	84.84	DRIFT DIA. (mm)	81.66	PLAIN END WT (kg/m)		19.24	
	GRADE				N80	L80	C90	C95	P110	Q125	150	
	COLLAPSE RESISTANCE (MPa)				83.5	83.5	94.0	99.1	114.8	130.4	151.1	
	INTERNAL YIELD PRESSURE (MPa)				79.6	79.6	89.6	94.6	109.5	124.4	149.3	
	BODY YIELD STRENGTH (kN)				1352	1352	1521	1606	1864	2117	2540	
	ULTIMATE STRENGTH (kN)				1690	1606	1690	1779	2117	2286	2709	
NOMINAL CROSS-SECTIONAL AREA (mm ²)				2455	2455	2455	2455	2455	2455	2455	2455	
RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0												
M A K E U P	REGULAR		MINIMUM (Nm)		5490	5490	5800	5950	6410	6890	7650	
			OPTIMUM (Nm)		6100	6100	6450	6620	7130	7650	8500	
			MAXIMUM (Nm)		6710	6710	7100	7280	7850	8410	9360	
	BODY YIELD TORQUE (Nm)		33710	33710	37910	40020	46340	52660	63180			
	SPECIAL CLEARANCE		MINIMUM (Nm)		4940	4940	5220	5360	5790	6200	6890	
			OPTIMUM (Nm)		5490	5490	5800	5950	6430	6890	7660	
MAXIMUM (Nm)			6050	6050	6390	6550	7060	7580	8430			
C O N N E C T I O N	COLLAPSE RESISTANCE (MPa)				83.5	83.5	94.0	99.1	114.8	130.4	151.1	
	COMPRESSION RESISTANCE (%)				100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)				100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (MPa)				79.6	79.6	89.6	94.6	109.5	124.4	149.3	
	MAXIMUM BENDING ANGLE (° PER 30m)				108	108	122	128	149	169	203	
	BOX CRITICAL CROSS-SECTIONAL AREA (mm ²)				2505	2505	2505	2505	2505	2505	2505	
	MAXIMUM LOAD OF REG. COUPLING FACE (kN)				818	818	921	970	1125	1277	1535	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kN)				387	387	436	458	534	605	725	
					PARTING LOAD (kN)							
	REGULAR COUPLING O.D.				1548	1481	1575	1655	1962	2135	2535	
	SPECIAL CLEARANCE COUPLING O.D.				1125	1068	1125	1183	1406	1517	1802	
				OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (m ³)		
	REGULAR COUPLING			W	114.94	87.38	4.67		102		0.0229	
	SPECIAL CLEARANCE COUPLING			Wc	110.49	87.38	3.42		70		0.0227	
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												