

TECHNICAL INFORMATION - HSC HICOM

TUBING



SIZE: **101.60 mm**

NOMINAL WEIGHT: **16.22 kg/m**

WALL THICKNESS: **6.65 mm**

THREADS PER INCH: **6**



P I P E B O D Y	OUTSIDE DIA. (mm)	D	101.60	INSIDE DIA. (mm)	d	88.29	DRIFT DIA. (mm)	85.12	PLAIN END WT (kg/m)		15.57	
	GRADE				N80	L80	C90	C95	P110	Q125	150	
	COLLAPSE RESISTANCE (MPa)				60.6	60.6	66.1	68.7	76.2	82.9	92.4	
	INTERNAL YIELD PRESSURE (MPa)				63.2	63.2	71.1	75.1	86.9	98.8	118.5	
	BODY YIELD STRENGTH (kN)				1094	1094	1232	1299	1503	1713	2055	
	ULTIMATE STRENGTH (kN)				1370	1299	1370	1437	1713	1846	2189	
NOMINAL CROSS-SECTIONAL AREA (mm ²)				1985	1985	1985	1985	1985	1985	1985		
RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0												
M A K E U P	REGULAR		MINIMUM (Nm)		3880	3880	4090	4200	4540	4870	5420	
			OPTIMUM (Nm)		4310	4310	4560	4680	5040	5410	6020	
			MAXIMUM (Nm)		4750	4750	5020	5150	5550	5950	6620	
			BODY YIELD TORQUE (Nm)		28190	28190	31700	33460	38750	44040	52840	
	SPECIAL CLEARANCE		MINIMUM (Nm)		3480	3480	3690	3780	4090	4380	4880	
			OPTIMUM (Nm)		3880	3880	4090	4200	4540	4870	5420	
MAXIMUM (Nm)			4270	4270	4500	4620	5000	5360	5970			
C O N N E C T I O N	COLLAPSE RESISTANCE (MPa)				60.6	60.6	66.1	68.7	76.2	82.9	92.4	
	COMPRESSION RESISTANCE (%)				100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)				100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (MPa)				63.2	63.2	71.1	75.1	86.9	98.8	118.5	
	MAXIMUM BENDING ANGLE (° PER 30m)				104	104	117	123	143	162	195	
	BOX CRITICAL CROSS-SECTIONAL AREA (mm ²)				2025	2025	2025	2025	2025	2025	2025	
	MAXIMUM LOAD OF REG. COUPLING FACE (kN)				556	556	623	658	765	867	1041	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kN)				209	209	236	249	285	325	391	
					PARTING LOAD (kN)							
	REGULAR COUPLING O.D.				1254	1197	1272	1339	1588	1726	2051	
	SPECIAL CLEARANCE COUPLING O.D.				912	863	912	956	1139	1228	1459	
				OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (m ³)		
	REGULAR COUPLING			W	112.24	90.83	3.71		102		0.0185	
	SPECIAL CLEARANCE COUPLING			Wc	108.58	90.83	2.70		70		0.0184	
LENGTH OF COUPLING (mm)			NL	203.05	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	76.12								