

# TECHNICAL INFORMATION - HSC HICOM

# TUBING



SIZE: **101.60 mm**

NOMINAL WEIGHT: **22.02 kg/m**

WALL THICKNESS: **9.65 mm**

THREADS PER INCH: **6**



P I P E  B O D Y	OUTSIDE DIA. (mm)	D	101.60	INSIDE DIA. (mm)	d	82.30	DRIFT DIA. (mm)	79.12	PLAIN END WT (kg/m)		21.86		
	GRADE						N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (MPa)						94.8	94.8	106.7	112.6	130.4	148.2	177.7
	INTERNAL YIELD PRESSURE (MPa)						91.7	91.7	103.2	108.9	126.1	143.3	171.9
	BODY YIELD STRENGTH (kN)						1539	1539	1730	1828	2113	2402	2882
	ULTIMATE STRENGTH (kN)						1922	1828	1922	2019	2402	2593	3074
NOMINAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )						2788	2788	2788	2788	2788	2788	2788	
<b>RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0</b>													
M A K E  U P	REGULAR		MINIMUM (Nm)		6680	6680	7060	7250	7810	8350	9300		
			OPTIMUM (Nm)		7430	7430	7850	8050	8680	9290	10330		
			MAXIMUM (Nm)		8180	8180	8640	8850	9540	10220	11360		
			BODY YIELD TORQUE (Nm)		37350	37350	42020	44350	51360	58350	70030		
	SPECIAL CLEARANCE		MINIMUM (Nm)		6020	6020	6360	6520	7020	7520	8370		
			OPTIMUM (Nm)		6680	6680	7060	7240	7810	8370	9300		
MAXIMUM (Nm)			7350	7350	7770	7960	8600	9210	10240				
C O N N E C T I O N	COLLAPSE RESISTANCE (MPa)						94.8	94.8	106.7	112.6	130.4	148.2	177.7
	COMPRESSION RESISTANCE (%)						100	100	100	100	100	100	100
	TENSILE EFFICIENCY (%)						100	100	100	100	100	100	100
	INTERNAL YIELD PRESSURE (MPa)						91.7	91.7	103.2	108.9	126.1	143.3	171.9
	MAXIMUM BENDING ANGLE (° PER 30m)						111	111	125	132	153	174	209
	BOX CRITICAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )						2843	2843	2843	2843	2843	2843	2843
	MAXIMUM LOAD OF REG. COUPLING FACE (kN)						1001	1001	1125	1192	1379	1566	1877
	MAXIMUM LOAD OF S.C. COUPLING FACE (kN)						516	516	583	614	712	805	970
							<b>PARTING LOAD (kN)</b>						
	REGULAR COUPLING O.D.						1757	1681	1788	1877	2229	2424	2878
	SPECIAL CLEARANCE COUPLING O.D.						1281	1214	1281	1343	1597	1726	2046
					OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)	JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (m <sup>3</sup> )			
	REGULAR COUPLING				W	116.79	84.84	5.35	102		0.0260		
	SPECIAL CLEARANCE COUPLING				Wc	111.84	84.84	3.94	70		0.0258		
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								