

# TECHNICAL INFORMATION - HSC HICOM

# TUBING



SIZE: **101.60 mm**

NOMINAL WEIGHT: **23.96 kg/m**

WALL THICKNESS: **10.54 mm**

THREADS PER INCH: **6**



P I P E  B O D Y	OUTSIDE DIA. (mm)	D	101.60	INSIDE DIA. (mm)	d	80.52	DRIFT DIA. (mm)				77.34	PLAIN END WT (kg/m)		23.65
	GRADE					N80	L80	C90	C95	P110	Q125	150		
	COLLAPSE RESISTANCE (MPa)					102.6	102.6	115.4	121.8	141.0	160.2	192.3		
	INTERNAL YIELD PRESSURE (MPa)					100.1	100.1	112.7	118.9	137.7	156.5	187.8		
	BODY YIELD STRENGTH (kN)					1664	1664	1873	1975	2286	2598	3118		
	ULTIMATE STRENGTH (kN)					2077	1975	2077	2184	2598	2807	3327		
NOMINAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )					3015	3015	3015	3015	3015	3015	3015			
M A K E  U P	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0													
	REGULAR		MINIMUM (Nm)		7510	7510	7950	8150	8770	9400	10440			
			OPTIMUM (Nm)		8350	8350	8830	9060	9750	10440	11610			
			MAXIMUM (Nm)		9190	9190	9710	9970	10720	11480	12770			
	BODY YIELD TORQUE (Nm)		39710	39710	44670	47160	54600	62040	74460					
	SPECIAL CLEARANCE		MINIMUM (Nm)		6780	6780	7150	7330	7890	8460	9400			
			OPTIMUM (Nm)		7520	7520	7950	8150	8770	9400	10440			
			MAXIMUM (Nm)		8270	8270	8750	8960	9650	10330	11480			
	C O N N E C T I O N	COLLAPSE RESISTANCE (MPa)					102.6	102.6	115.4	121.8	141.0	160.2	192.3	
COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100			
TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100			
INTERNAL YIELD PRESSURE (MPa)					100.1	100.1	112.7	118.9	137.7	156.5	187.8			
MAXIMUM BENDING ANGLE (° PER 30m)					114	114	128	135	157	178	214			
BOX CRITICAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )					3077	3077	3077	3077	3077	3077	3077			
MAXIMUM LOAD OF REG. COUPLING FACE (kN)					1130	1130	1272	1343	1552	1766	2117			
MAXIMUM LOAD OF S.C. COUPLING FACE (kN)					601	601	676	716	827	939	1130			
PARTING LOAD (kN)														
REGULAR COUPLING O.D.					1904	1819	1935	2033	2411	2620	3114			
SPECIAL CLEARANCE COUPLING O.D.					1383	1312	1383	1450	1726	1864	2211			
			OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (m <sup>3</sup> )					
REGULAR COUPLING			W	118.06	83.06	5.82		102		0.0281				
SPECIAL CLEARANCE COUPLING			Wc	112.73	83.06	4.28		70		0.0279				
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														