

# TECHNICAL INFORMATION - HSC HICOM

# TUBING



SIZE: **88.90 mm**

NOMINAL WEIGHT: **15.18 kg/m**

WALL THICKNESS: **7.34 mm**

THREADS PER INCH: **6**



P I P E  B O D Y	OUTSIDE DIA. (mm)	D	88.90	INSIDE DIA. (mm)	d	74.22	DRIFT DIA. (mm)	71.04	PLAIN END WT (kg/m)		14.75	
	GRADE				N80	L80	C90	C95	P110	Q125	150	
	COLLAPSE RESISTANCE (MPa)				83.6	83.6	94.0	99.2	114.9	130.6	151.3	
	INTERNAL YIELD PRESSURE (MPa)				79.7	79.7	89.7	94.7	109.6	124.5	149.4	
	BODY YIELD STRENGTH (kN)				1036	1036	1165	1232	1428	1619	1944	
	ULTIMATE STRENGTH (kN)				1299	1232	1299	1361	1619	1753	2073	
NOMINAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )				1881	1881	1881	1881	1881	1881	1881	1881	
<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)		3630	3630	3850	3960	4300	4610	5170	
			OPTIMUM (Nm)		4040	4040	4280	4410	4770	5120	5740	
			MAXIMUM (Nm)		4450	4450	4720	4850	5250	5640	6300	
			BODY YIELD TORQUE (Nm)		22590	22590	25410	26830	31060	35290	42360	
	SPECIAL CLEARANCE		MINIMUM (Nm)		3270	3270	3470	3570	3850	4160	4650	
			OPTIMUM (Nm)		3630	3630	3850	3960	4280	4620	5170	
MAXIMUM (Nm)			4000	4000	4230	4350	4720	5080	5680			
C O N N E C T I O N	COLLAPSE RESISTANCE (MPa)				83.6	83.6	94.0	99.2	114.9	130.6	151.3	
	COMPRESSION RESISTANCE (%)				100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)				100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (MPa)				79.7	79.7	89.7	94.7	109.6	124.5	149.4	
	MAXIMUM BENDING ANGLE (° PER 30m)				124	124	139	147	170	193	232	
	BOX CRITICAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )				1917	1917	1917	1917	1917	1917	1917	
	MAXIMUM LOAD OF REG. COUPLING FACE (kN)				583	583	658	694	805	912	1094	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kN)				254	254	285	302	351	400	476	
					<b>PARTING LOAD (kN)</b>							
	REGULAR COUPLING O.D.				1192	1139	1210	1272	1508	1641	1948	
	SPECIAL CLEARANCE COUPLING O.D.				863	818	863	903	1076	1161	1379	
				OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (m <sup>3</sup> )		
	REGULAR COUPLING			W	100.63	76.76	3.46		102		0.0175	
SPECIAL CLEARANCE COUPLING			Wc	96.75	76.76	2.54		70		0.0174		
LENGTH OF COUPLING (mm)			NL	194.56	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	71.88								