

# TECHNICAL INFORMATION - HSC HICOM

# TUBING



SIZE: **88.90 mm**

NOMINAL WEIGHT: **13.69 kg/m**

WALL THICKNESS: **6.45 mm**

THREADS PER INCH: **6**



P I P E B O D Y	OUTSIDE DIA. (mm)	D	88.90	INSIDE DIA. (mm)	d	76.00	DRIFT DIA. (mm)	72.82	PLAIN END WT (kg/m)		13.11		
	GRADE						N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (MPa)						72.6	72.6	79.8	83.3	93.3	102.7	116.8
	INTERNAL YIELD PRESSURE (MPa)						70.1	70.1	78.8	83.2	96.3	109.5	131.3
	BODY YIELD STRENGTH (kN)						921	921	1036	1094	1268	1441	1730
	ULTIMATE STRENGTH (kN)						1152	1094	1152	1210	1441	1557	1842
NOMINAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )						1671	1671	1671	1671	1671	1671	1671	

M A K E U P	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0										
	REGULAR		MINIMUM (Nm)		2960	2960	3120	3230	3480	3770	4220
			OPTIMUM (Nm)		3280	3280	3470	3580	3880	4190	4690
			MAXIMUM (Nm)		3610	3610	3820	3930	4270	4610	5170
			BODY YIELD TORQUE (Nm)		20470	20470	23040	24310	28150	31980	38380
	SPECIAL CLEARANCE		MINIMUM (Nm)		2640	2640	2820	2900	3150	3390	3800
OPTIMUM (Nm)			2940	2940	3130	3230	3500	3770	4220		
MAXIMUM (Nm)			3240	3240	3440	3550	3850	4150	4640		

		COLLAPSE RESISTANCE (MPa)		72.6	72.6	79.8	83.3	93.3	102.7	116.8	
		COMPRESSION RESISTANCE (%)		100	100	100	100	100	100	100	
		TENSILE EFFICIENCY (%)		100	100	100	100	100	100	100	
		INTERNAL YIELD PRESSURE (MPa)		70.1	70.1	78.8	83.2	96.3	109.5	131.3	
		MAXIMUM BENDING ANGLE (° PER 30m)		121	121	136	143	166	189	226	
		BOX CRITICAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )		1706	1706	1706	1706	1706	1706	1706	
		MAXIMUM LOAD OF REG. COUPLING FACE (kN)		467	467	525	556	645	734	876	
		MAXIMUM LOAD OF S.C. COUPLING FACE (kN)		173	173	196	209	240	276	329	
		<b>PARTING LOAD (kN)</b>									
		REGULAR COUPLING O.D.		1059	1014	1076	1130	1339	1459	1730	
		SPECIAL CLEARANCE COUPLING O.D.		765	730	765	805	956	1032	1223	
C O N N E C T I O N			OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (m <sup>3</sup> )		
	REGULAR COUPLING		W	99.29	78.54	3.04		102		0.0156	
	SPECIAL CLEARANCE COUPLING		Wc	95.78	78.54	2.23		70		0.0155	
	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							