

# TECHNICAL INFORMATION - HSC HICOM

# TUBING



SIZE: **73.02 mm**

NOMINAL WEIGHT: **9.52 kg/m**

WALL THICKNESS: **5.51 mm**

THREADS PER INCH: **8**



P I P E B O D Y	OUTSIDE DIA. (mm)	D	73.02	INSIDE DIA. (mm)	d	62.00	DRIFT DIA. (mm)				59.61	PLAIN END WT (kg/m)		9.17
	GRADE						N80	L80	C90	C95	P110	Q125	150	
	COLLAPSE RESISTANCE (MPa)						76.9	76.9	85.4	89.2	100.2	110.8	126.8	
	INTERNAL YIELD PRESSURE (MPa)						72.9	72.9	82.0	86.5	100.2	113.8	136.6	
	BODY YIELD STRENGTH (kN)						645	645	725	765	885	1010	1210	
	ULTIMATE STRENGTH (kN)						805	765	805	845	1010	1090	1290	
NOMINAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )						1169	1169	1169	1169	1169	1169	1169		

RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0									
M A K E U P	REGULAR	MINIMUM (Nm)	1680	1680	1780	1840	1990	2140	2400
		OPTIMUM (Nm)	1870	1870	1980	2050	2210	2390	2670
		MAXIMUM (Nm)	2060	2060	2180	2250	2430	2630	2940
BODY YIELD TORQUE (Nm)		11700	11700	13150	13880	16080	18280	21920	
SPECIAL CLEARANCE	MINIMUM (Nm)	1520	1520	1610	1650	1790	1940	2170	
	OPTIMUM (Nm)	1680	1680	1790	1840	1990	2160	2410	
	MAXIMUM (Nm)	1840	1840	1970	2030	2200	2370	2660	

C O N N E C T I O N	COLLAPSE RESISTANCE (MPa)		76.9	76.9	85.4	89.2	100.2	110.8	126.8	
	COMPRESSION RESISTANCE (%)		100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)		100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (MPa)		72.9	72.9	82.0	86.5	100.2	113.8	136.6	
	MAXIMUM BENDING ANGLE (° PER 30m)		148	148	166	176	203	231	277	
	BOX CRITICAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )		1193	1193	1193	1193	1193	1193	1193	
	MAXIMUM LOAD OF REG. COUPLING FACE (kN)		325	325	365	383	445	507	609	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kN)		120	120	133	142	165	187	222	
	<b>PARTING LOAD (kN)</b>									
	REGULAR COUPLING O.D.		747	712	756	796	943	1023	1214	
SPECIAL CLEARANCE COUPLING O.D.		534	507	534	560	672	725	859		
		OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)	JOINT EFFICIENCY (%)	30° JOINT MUD DISPLACEMENT (m <sup>3</sup> )				
REGULAR COUPLING		W	82.47	63.27	1.95	102	0.0109			
SPECIAL CLEARANCE COUPLING		Wc	79.53	63.27	1.47	70	0.0108			
LENGTH OF COUPLING (mm)		NL	162.81	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	56.01							