

TECHNICAL INFORMATION - HSC HICOM

TUBING



SIZE: **88.90 mm**

NOMINAL WEIGHT: **11.46 kg/m**

WALL THICKNESS: **5.49 mm**

THREADS PER INCH: **6**



P I P E B O D Y	OUTSIDE DIA. (mm)	D	88.90	INSIDE DIA. (mm)	d	77.93	DRIFT DIA. (mm)	74.75	PLAIN END WT (kg/m)		11.28	
	GRADE				N80	L80	C90	C95	P110	Q125	150	
	COLLAPSE RESISTANCE (MPa)				54.3	54.3	58.9	61.1	67.2	72.4	79.4	
	INTERNAL YIELD PRESSURE (MPa)				59.6	59.6	67.0	70.7	81.9	93.1	111.7	
	BODY YIELD STRENGTH (kN)				792	792	894	943	1090	1241	1486	
	ULTIMATE STRENGTH (kN)				992	943	992	1041	1241	1339	1588	
NOMINAL CROSS-SECTIONAL AREA (mm ²)				1438	1438	1438	1438	1438	1438	1438	1438	
RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0												
M A K E U P	REGULAR		MINIMUM (Nm)		2210	2210	2350	2410	2630	2850	3200	
			OPTIMUM (Nm)		2450	2450	2600	2680	2920	3160	3550	
			MAXIMUM (Nm)		2700	2700	2860	2960	3210	3470	3900	
			BODY YIELD TORQUE (Nm)		17990	17990	20240	21370	24740	28120	33750	
	SPECIAL CLEARANCE		MINIMUM (Nm)		1980	1980	2120	2170	2370	2560	2870	
			OPTIMUM (Nm)		2200	2200	2350	2410	2630	2850	3200	
MAXIMUM (Nm)			2410	2410	2580	2660	2890	3130	3530			
C O N N E C T I O N	COLLAPSE RESISTANCE (MPa)				54.3	54.3	58.9	61.1	67.2	72.4	79.4	
	COMPRESSION RESISTANCE (%)				100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)				100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (MPa)				59.6	59.6	67.0	70.7	81.9	93.1	111.7	
	MAXIMUM BENDING ANGLE (° PER 30m)				118	118	132	140	162	184	221	
	BOX CRITICAL CROSS-SECTIONAL AREA (mm ²)				1466	1466	1466	1466	1466	1466	1466	
	MAXIMUM LOAD OF REG. COUPLING FACE (kN)				338	338	378	400	463	529	632	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kN)				85	85	98	102	120	133	160	
					PARTING LOAD (kN)							
	REGULAR COUPLING O.D.				912	872	925	974	1152	1254	1490	
	SPECIAL CLEARANCE COUPLING O.D.				658	627	658	694	823	890	1054	
				OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (m ³)		
	REGULAR COUPLING			W	97.74	79.20	2.64		102		0.0134	
	SPECIAL CLEARANCE COUPLING			Wc	94.69	79.20	1.94		70		0.0133	
LENGTH OF COUPLING (mm)			NL	194.56								
MAKE UP LOSS (mm)			ML	71.88								
The above information is for reference only. The information is subject to change or modification without notice. Please contact HSC for the latest information												