

TECHNICAL INFORMATION - HSC HICOM

TUBING



SIZE: **114.30 mm**

NOMINAL WEIGHT: **18.75 kg/m**

WALL THICKNESS: **6.88 mm**

THREADS PER INCH: **6**



PIPE BODY	OUTSIDE DIA. (mm)	D	114.30	INSIDE DIA. (mm)	d	100.53	DRIFT DIA. (mm)				97.36	PLAIN END WT (kg/m)		18.22
	GRADE								N80	L80	C90	C95	P110	Q125
COLLAPSE RESISTANCE (MPa)								51.7	51.7	56.0	58.0	63.4	68.2	74.1
INTERNAL YIELD PRESSURE (MPa)								58.1	58.1	65.4	69.0	79.9	90.8	109.0
BODY YIELD STRENGTH (kN)								1281	1281	1441	1521	1761	2002	2402
ULTIMATE STRENGTH (kN)								1601	1521	1601	1681	2002	2162	2562
NOMINAL CROSS-SECTIONAL AREA (mm ²)								2323	2323	2323	2323	2323	2323	2323
RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0														
MAKE UP	REGULAR		MINIMUM (Nm)		5310	5310	5690	5880	6440	7000	7920			
			OPTIMUM (Nm)		5910	5910	6330	6540	7160	7770	8800			
			MAXIMUM (Nm)		6510	6510	6970	7190	7880	8540	9680			
			BODY YIELD TORQUE (Nm)		37490	37490	42180	44530	51550	58580	70300			
	SPECIAL CLEARANCE		MINIMUM (Nm)		4800	4800	5120	5300	5800	6290	7130			
			OPTIMUM (Nm)		5330	5330	5690	5880	6440	7000	7920			
MAXIMUM (Nm)			5860	5860	6260	6470	7080	7700	8700					
CONNECTION	COLLAPSE RESISTANCE (MPa)				51.7	51.7	56.0	58.0	63.4	68.2	74.1			
	COMPRESSION RESISTANCE (%)				100	100	100	100	100	100	100			
	TENSILE EFFICIENCY (%)				100	100	100	100	100	100	100			
	INTERNAL YIELD PRESSURE (MPa)				58.1	58.1	65.4	69.0	79.9	90.8	109.0			
	MAXIMUM BENDING ANGLE (° PER 30m)				91	91	103	108	125	143	171			
	BOX CRITICAL CROSS-SECTIONAL AREA (mm ²)				2368	2368	2368	2368	2368	2368	2368			
	MAXIMUM LOAD OF REG. COUPLING FACE (kN)				649	649	730	774	894	1014	1219			
	MAXIMUM LOAD OF S.C. COUPLING FACE (kN)				245	245	276	289	334	383	458			
	PARTING LOAD (kN)													
	REGULAR COUPLING O.D.				1459	1397	1486	1561	1850	2015	2389			
	SPECIAL CLEARANCE COUPLING O.D.				1063	1010	1063	1117	1330	1437	1704			
				OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (m ³)				
	REGULAR COUPLING			W	125.22	101.80	4.54		102		0.0217			
	SPECIAL CLEARANCE COUPLING			Wc	121.39	101.80	3.31		70		0.0215			
LENGTH OF COUPLING (mm)			NL	211.53	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	80.37										