

TECHNICAL INFORMATION - HSC HICOM

TUBING



SIZE: **114.30 mm**

NOMINAL WEIGHT: **17.26 kg/m**

WALL THICKNESS: **6.35 mm**

THREADS PER INCH: **6**



P I P E B O D Y	OUTSIDE DIA. (mm)	D	114.30	INSIDE DIA. (mm)	d	101.60	DRIFT DIA. (mm)				98.42	PLAIN END WT (kg/m)		16.89
	GRADE					N80	L80	C90	C95	P110	Q125	150		
	COLLAPSE RESISTANCE (MPa)					43.8	43.8	47.0	48.5	52.3	55.2	58.1		
	INTERNAL YIELD PRESSURE (MPa)					53.6	53.6	60.3	63.7	73.7	83.8	100.5		
	BODY YIELD STRENGTH (kN)					1188	1188	1334	1410	1632	1855	2229		
	ULTIMATE STRENGTH (kN)					1486	1410	1486	1557	1855	2006	2375		
NOMINAL CROSS-SECTIONAL AREA (mm ²)					2154	2154	2154	2154	2154	2154	2154			
M A K E U P	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0													
	REGULAR		MINIMUM (Nm)		4540	4540	4850	5020	5490	5970	6780			
			OPTIMUM (Nm)		5040	5040	5400	5570	6100	6630	7520			
			MAXIMUM (Nm)		5550	5550	5940	6130	6710	7290	8270			
			BODY YIELD TORQUE (Nm)		35080	35080	39470	41660	48240	54820	65770			
	SPECIAL CLEARANCE		MINIMUM (Nm)		4080	4080	4370	4510	4940	5370	6090			
			OPTIMUM (Nm)		4530	4530	4850	5020	5490	5970	6770			
			MAXIMUM (Nm)		4980	4980	5340	5520	6050	6560	7440			
	C O N N E C T I O N	COLLAPSE RESISTANCE (MPa)					43.8	43.8	47.0	48.5	52.3	55.2	58.1	
COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100			
TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100			
INTERNAL YIELD PRESSURE (MPa)					53.6	53.6	60.3	63.7	73.7	83.8	100.5			
MAXIMUM BENDING ANGLE (° PER 30m)					90	90	102	107	124	141	169			
BOX CRITICAL CROSS-SECTIONAL AREA (mm ²)					2199	2199	2199	2199	2199	2199	2199			
MAXIMUM LOAD OF REG. COUPLING FACE (kN)					556	556	627	663	765	872	1045			
MAXIMUM LOAD OF S.C. COUPLING FACE (kN)					182	182	205	214	249	280	338			
PARTING LOAD (kN)														
REGULAR COUPLING O.D.					1352	1294	1375	1446	1713	1868	2215			
SPECIAL CLEARANCE COUPLING O.D.					988	939	988	1036	1237	1334	1584			
			OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (m ³)					
REGULAR COUPLING			W	124.36	102.87	4.19		102		0.0201				
SPECIAL CLEARANCE COUPLING			Wc	120.78	102.87	3.05		70		0.0199				
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										