

TECHNICAL INFORMATION - HSC HICOM

TUBING



SIZE: **101.60 mm**

NOMINAL WEIGHT: **28.13 kg/m**

WALL THICKNESS: **12.70 mm**

THREADS PER INCH: **6**



PIPE BODY	OUTSIDE DIA. (mm)	D	101.60	INSIDE DIA. (mm)	d	76.20	DRIFT DIA. (mm)				73.02	PLAIN END WT (kg/m)		27.81
	GRADE					N80	L80	C90	C95	P110	Q125	150		
	COLLAPSE RESISTANCE (MPa)					120.7	120.7	135.8	143.3	165.9	188.5	226.2		
	INTERNAL YIELD PRESSURE (MPa)					120.7	120.7	135.7	143.3	165.9	188.5	226.2		
	BODY YIELD STRENGTH (kN)					1957	1957	2202	2322	2691	3056	3670		
	ULTIMATE STRENGTH (kN)					2447	2322	2447	2567	3056	3301	3914		
	NOMINAL CROSS-SECTIONAL AREA (mm ²)					3547	3547	3547	3547	3547	3547	3547		
MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0													
	REGULAR		MINIMUM (Nm)			9540	9540	10070	10330	11130	11920	13230		
			OPTIMUM (Nm)			10600	10600	11200	11480	12370	13250	14700		
			MAXIMUM (Nm)			11660	11660	12320	12640	13600	14580	16160		
			BODY YIELD TORQUE (Nm)			44820	44820	50440	53230	61640	70040	84060		
	SPECIAL CLEARANCE		MINIMUM (Nm)			8600	8600	9070	9300	10020	10720	11900		
			OPTIMUM (Nm)			9540	9540	10070	10330	11130	11920	13230		
			MAXIMUM (Nm)			10490	10490	11080	11360	12240	13110	14560		
	CONNECTION	COLLAPSE RESISTANCE (MPa)					120.7	120.7	135.8	143.3	165.9	188.5	226.2	
COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100			
TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100			
INTERNAL YIELD PRESSURE (MPa)					120.7	120.7	135.7	143.3	165.9	188.5	226.2			
MAXIMUM BENDING ANGLE (° PER 30m)					120	120	135	143	165	188	226			
BOX CRITICAL CROSS-SECTIONAL AREA (mm ²)					3620	3620	3620	3620	3620	3620	3620			
MAXIMUM LOAD OF REG. COUPLING FACE (kN)					1428	1428	1606	1695	1962	2233	2678			
MAXIMUM LOAD OF S.C. COUPLING FACE (kN)					805	805	907	956	1108	1259	1508			
					PARTING LOAD (kN)									
REGULAR COUPLING O.D.					2237	2140	2273	2389	2834	3083	3661			
SPECIAL CLEARANCE COUPLING O.D.					1624	1544	1624	1708	2033	2193	2602			
				OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (m ³)				
REGULAR COUPLING				W	120.95	78.74	6.92		102		0.0331			
SPECIAL CLEARANCE COUPLING				Wc	114.81	78.74	5.11		70		0.0329			
LENGTH OF COUPLING (mm)				NL	203.05	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	76.12									