

# TECHNICAL INFORMATION - HSC HICOM

# TUBING



SIZE: **73.02 mm**

NOMINAL WEIGHT: **13.91 kg/m**

WALL THICKNESS: **8.64 mm**

THREADS PER INCH: **8**



PIPE BODY	OUTSIDE DIA. (mm)	D	73.02	INSIDE DIA. (mm)	d	55.75	DRIFT DIA. (mm)				53.37	PLAIN END WT (kg/m)		13.71
	GRADE						N80	L80	C90	C95	P110	Q125	150	
	COLLAPSE RESISTANCE (MPa)						115.0	115.0	129.3	136.5	158.1	179.7	215.6	
	INTERNAL YIELD PRESSURE (MPa)						114.2	114.2	128.4	135.6	157.0	178.4	214.0	
	BODY YIELD STRENGTH (kN)						965	965	1085	1143	1326	1503	1806	
	ULTIMATE STRENGTH (kN)						1205	1143	1205	1263	1503	1628	1926	
	NOMINAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )						1747	1747	1747	1747	1747	1747	1747	
MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0													
	REGULAR		MINIMUM (Nm)				3400	3400	3620	3730	4070	4390	4940	
			OPTIMUM (Nm)				3780	3780	4030	4150	4510	4880	5480	
			MAXIMUM (Nm)				4160	4160	4430	4570	4960	5370	6020	
			BODY YIELD TORQUE (Nm)				16080	16080	18090	19090	22100	25120	30140	
	SPECIAL CLEARANCE		MINIMUM (Nm)				3060	3060	3250	3360	3650	3960	4450	
			OPTIMUM (Nm)				3400	3400	3620	3730	4050	4390	4940	
			MAXIMUM (Nm)				3740	3740	3990	4090	4460	4830	5420	
	CONNECTION	COLLAPSE RESISTANCE (MPa)						115.0	115.0	129.3	136.5	158.1	179.7	215.6
COMPRESSION RESISTANCE (%)						100	100	100	100	100	100	100		
TENSILE EFFICIENCY (%)						100	100	100	100	100	100	100		
INTERNAL YIELD PRESSURE (MPa)						114.2	114.2	128.4	135.6	157.0	178.4	214.0		
MAXIMUM BENDING ANGLE (° PER 30m)						164	164	185	195	226	257	308		
BOX CRITICAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )						1781	1781	1781	1781	1781	1781	1781		
MAXIMUM LOAD OF REG. COUPLING FACE (kN)						645	645	725	765	885	1005	1210		
MAXIMUM LOAD OF S.C. COUPLING FACE (kN)						338	338	383	405	467	529	636		
						PARTING LOAD (kN)								
REGULAR COUPLING O.D.						1117	1068	1130	1188	1410	1530	1815		
SPECIAL CLEARANCE COUPLING O.D.						801	761	801	841	1001	1081	1281		
				OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (m <sup>3</sup> )				
REGULAR COUPLING				W	86.89	58.29	2.90		102		0.0162			
SPECIAL CLEARANCE COUPLING				Wc	82.70	58.29	2.18		70		0.0162			
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									