

# TECHNICAL INFORMATION - HSC HICOM

# TUBING



SIZE: **88.90 mm**

NOMINAL WEIGHT: **18.90 kg/m**

WALL THICKNESS: **9.52 mm**

THREADS PER INCH: **6**



PIPE BODY	OUTSIDE DIA. (mm)	D	88.90	INSIDE DIA. (mm)	d	69.85	DRIFT DIA. (mm)				66.68	PLAIN END WT (kg/m)		18.63
	GRADE						N80	L80	C90	C95	P110	Q125	150	
	COLLAPSE RESISTANCE (MPa)						105.6	105.6	118.7	125.3	145.1	164.9	197.9	
	INTERNAL YIELD PRESSURE (MPa)						103.4	103.4	116.3	122.8	142.2	161.6	193.9	
	BODY YIELD STRENGTH (kN)						1312	1312	1472	1557	1802	2046	2455	
	ULTIMATE STRENGTH (kN)						1637	1557	1637	1721	2046	2211	2620	
	NOMINAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )						2375	2375	2375	2375	2375	2375	2375	

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0								
	REGULAR	MINIMUM (Nm)	5310	5310	5630	5790	6250	6710	7480
		OPTIMUM (Nm)	5910	5910	6250	6430	6940	7460	8310
	MAXIMUM (Nm)	6510	6510	6870	7060	7630	8200	9140	
	BODY YIELD TORQUE (Nm)	27180	27180	30590	32280	37380	42480	50980	
SPECIAL CLEARANCE	MINIMUM (Nm)	4790	4790	5070	5190	5630	6050	6740	
	OPTIMUM (Nm)	5310	5310	5630	5780	6250	6710	7480	
	MAXIMUM (Nm)	5840	5840	6200	6360	6870	7380	8230	

CONNECTION	COLLAPSE RESISTANCE (MPa)						105.6	105.6	118.7	125.3	145.1	164.9	197.9
	COMPRESSION RESISTANCE (%)						100	100	100	100	100	100	100
	TENSILE EFFICIENCY (%)						100	100	100	100	100	100	100
	INTERNAL YIELD PRESSURE (MPa)						103.4	103.4	116.3	122.8	142.2	161.6	193.9
	MAXIMUM BENDING ANGLE (° PER 30m)						131	131	148	156	180	205	246
	BOX CRITICAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )						2423	2423	2423	2423	2423	2423	2423
	MAXIMUM LOAD OF REG. COUPLING FACE (kN)						859	859	970	1023	1183	1343	1615
	MAXIMUM LOAD OF S.C. COUPLING FACE (kN)						445	445	498	529	609	694	832
							PARTING LOAD (kN)						
	REGULAR COUPLING O.D.						1508	1441	1530	1606	1904	2073	2460
SPECIAL CLEARANCE COUPLING O.D.						1090	1036	1090	1143	1361	1472	1744	
		OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (m <sup>3</sup> )							
REGULAR COUPLING		W	103.78	72.39	4.44	102	0.0221						
SPECIAL CLEARANCE COUPLING		Wc	99.01	72.39	3.28	70	0.0220						
LENGTH OF COUPLING (mm)		NL	194.56	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	71.88										