

# TECHNICAL INFORMATION - HSC HICOM

# CASING

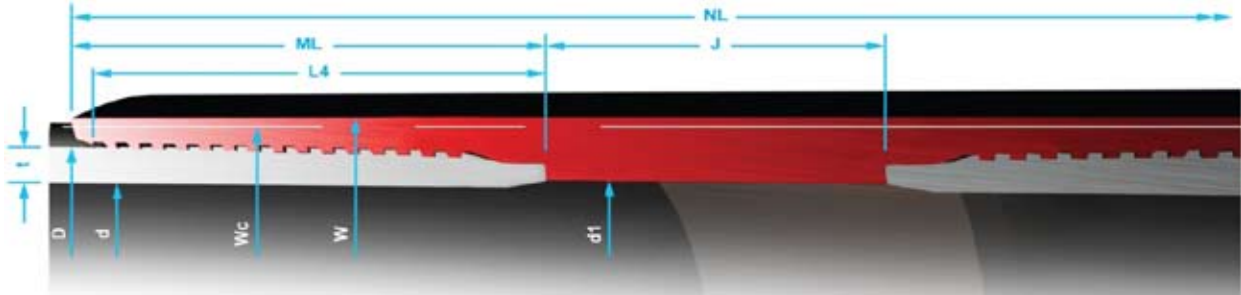


SIZE: **127.00 mm**

NOMINAL WEIGHT: **22.32 kg/m**

WALL THICKNESS: **7.52 mm**

THREADS PER INCH: **5**



P I P E  B O D Y	OUTSIDE DIA. (mm)	D	127.00	INSIDE DIA. (mm)	d	111.96	DRIFT DIA. (mm)	108.79	PLAIN END WT (kg/m)		22.13	
	GRADE				N80	L80	C90	C95	P110	Q125	150	
	COLLAPSE RESISTANCE (MPa)				50.0	50.0	54.1	55.9	61.0	65.4	70.7	
	INTERNAL YIELD PRESSURE (MPa)				57.1	57.1	64.3	67.9	78.6	89.3	107.1	
	BODY YIELD STRENGTH (kN)				1557	1557	1753	1850	2140	2433	2918	
	ULTIMATE STRENGTH (kN)				1944	1850	1944	2042	2433	2629	3114	
NOMINAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )				2822	2822	2822	2822	2822	2822	2822	2822	
<b>RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0</b>												
M A K E  U P	REGULAR		MINIMUM (Nm)		5410	5410	5740	5910	6400	6910	7760	
			OPTIMUM (Nm)		6010	6010	6370	6560	7120	7690	8610	
			MAXIMUM (Nm)		6600	6600	7010	7210	7840	8460	9460	
			BODY YIELD TORQUE (Nm)		50710	50710	57050	60230	69730	79230	95080	
	SPECIAL CLEARANCE		MINIMUM (Nm)		4870	4870	5170	5310	5780	6220	6980	
			OPTIMUM (Nm)		5410	5410	5740	5910	6410	6910	7760	
MAXIMUM (Nm)			5950	5950	6300	6510	7050	7610	8530			
C O N N E C T I O N	COLLAPSE RESISTANCE (MPa)				50.0	50.0	54.1	55.9	61.0	65.4	70.7	
	COMPRESSION RESISTANCE (%)				100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)				100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (MPa)				57.1	57.1	64.3	67.9	78.6	89.3	107.1	
	MAXIMUM BENDING ANGLE (° PER 30m)				82	82	92	97	113	128	154	
	BOX CRITICAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )				2877	2877	2877	2877	2877	2877	2877	
	MAXIMUM LOAD OF REG. COUPLING FACE (kN)				885	885	996	1050	1219	1383	1659	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kN)				391	391	440	463	538	609	734	
					<b>PARTING LOAD (kN)</b>							
	REGULAR COUPLING O.D.				1761	1686	1797	1886	2237	2438	2896	
	SPECIAL CLEARANCE COUPLING O.D.				1294	1228	1294	1357	1615	1744	2068	
				OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (m <sup>3</sup> )		
	REGULAR COUPLING			W	139.32	114.50	6.14		102		0.0264	
	SPECIAL CLEARANCE COUPLING			Wc	135.13	114.50	4.44		70		0.0262	
LENGTH OF COUPLING (mm)			NL	240.28		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	94.74								