

# TECHNICAL INFORMATION - HSC HICOM

# CASING

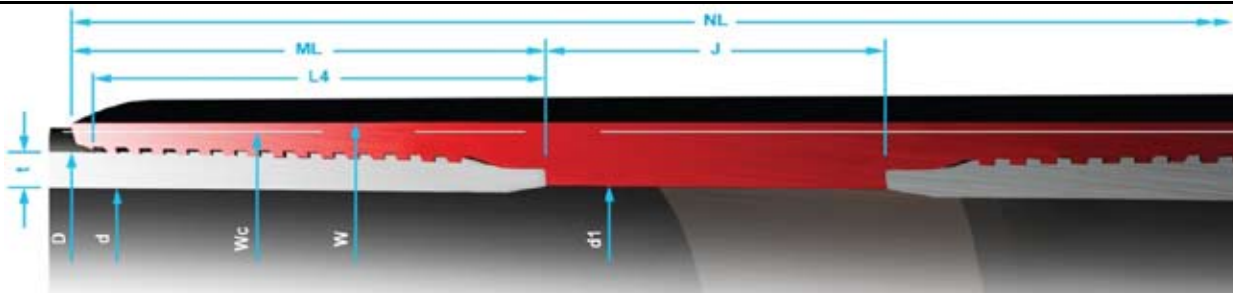


SIZE: **250.82 mm**

NOMINAL WEIGHT: **100.45 kg/m**

WALL THICKNESS: **17.22 mm**

THREADS PER INCH: **5**



P I P E  B O D Y	OUTSIDE DIA. (mm)	D	250.82	INSIDE DIA. (mm)	d	216.38	DRIFT DIA. (mm)	212.42	PLAIN END WT (kg/m)		99.11	
	GRADE				N80	L80	C90	C95	P110	Q125	150	
	COLLAPSE RESISTANCE (MPa)				66.1	66.1	72.3	75.3	83.9	91.8	103.4	
	INTERNAL YIELD PRESSURE (MPa)				66.3	66.3	74.6	78.7	91.1	103.6	124.3	
	BODY YIELD STRENGTH (kN)				6970	6970	7842	8278	9586	10894	13069	
	ULTIMATE STRENGTH (kN)				8714	8278	8714	9150	10894	11766	13941	
NOMINAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )				12638	12638	12638	12638	12638	12638	12638	12638	
<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)	23550	23550	24280	24650	25730	26830	28650	
				OPTIMUM (Nm)	26170	26170	26980	27390	28590	29810	31830	
				MAXIMUM (Nm)	28780	28780	29680	30130	31450	32800	35020	
	BODY YIELD TORQUE (Nm)			440210	440210	495230	522750	605280	687820	825380		
	SPECIAL CLEARANCE			MINIMUM (Nm)	21190	21190	21860	22180	23160	24150	25790	
				OPTIMUM (Nm)	23550	23550	24280	24650	25730	26830	28650	
MAXIMUM (Nm)				25910	25910	26710	27120	28310	29520	31510		
C O N N E C T I O N	COLLAPSE RESISTANCE (MPa)				66.1	66.1	72.3	75.3	83.9	91.8	103.4	
	COMPRESSION RESISTANCE (%)				100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)				100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (MPa)				66.3	66.3	74.6	78.7	91.1	103.6	124.3	
	MAXIMUM BENDING ANGLE (° PER 30m)				42	42	48	50	58	66	79	
	BOX CRITICAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )				12892	12892	12892	12892	12892	12892	12892	
	MAXIMUM LOAD OF REG. COUPLING FACE (kN)				5316	5316	5983	6312	7308	8309	9968	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kN)				3096	3096	3483	3674	4257	4835	5800	
					<b>PARTING LOAD (kN)</b>							
	REGULAR COUPLING O.D.				7429	7188	7753	8154	9608	10578	12597	
	SPECIAL CLEARANCE COUPLING O.D.				5796	5507	5796	6085	7246	7824	9275	
				OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (m <sup>3</sup> )				
	REGULAR COUPLING			W	278.61	218.92	33.71	102	0.1190			
SPECIAL CLEARANCE COUPLING			Wc	269.21	218.92	24.15	70	0.1178				
LENGTH OF COUPLING (mm)			NL	301.24	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	125.22								