

# TECHNICAL INFORMATION - HSC HICOM

# CASING

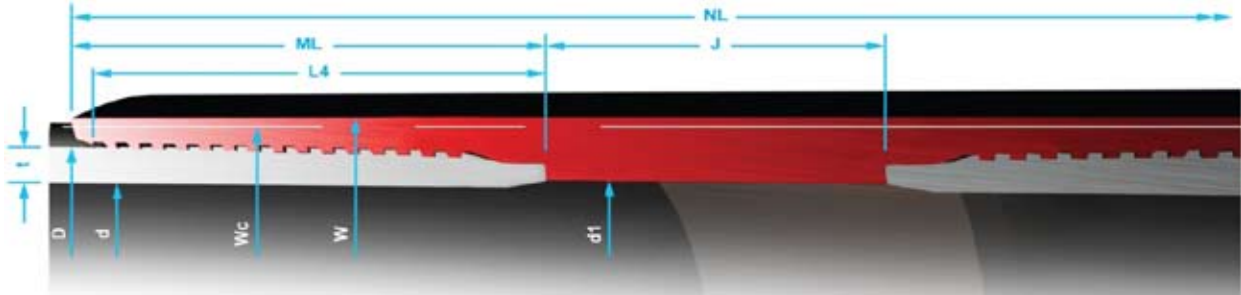


SIZE: **177.80 mm**

NOMINAL WEIGHT: **52.09 kg/m**

WALL THICKNESS: **12.65 mm**

THREADS PER INCH: **5**



P I P E  B O D Y	OUTSIDE DIA. (mm)	D	177.80	INSIDE DIA. (mm)	d	152.50	DRIFT DIA. (mm)				149.33	PLAIN END WT (kg/m)		51.46
	GRADE						N80	L80	C90	C95	P110	Q125	150	
	COLLAPSE RESISTANCE (MPa)						70.2	70.2	77.0	80.3	89.8	98.7	111.8	
	INTERNAL YIELD PRESSURE (MPa)						68.7	68.7	77.3	81.6	94.4	107.3	128.8	
	BODY YIELD STRENGTH (kN)						3621	3621	4075	4297	4978	5658	6788	
	ULTIMATE STRENGTH (kN)						4524	4297	4524	4751	5658	6107	7242	
NOMINAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )						6563	6563	6563	6563	6563	6563	6563		
M A K E  U P	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0													
	REGULAR		MINIMUM (Nm)		15920	15920	16660	17030	18150	19280	21150			
			OPTIMUM (Nm)		17690	17690	18520	18930	20170	21420	23500			
			MAXIMUM (Nm)		19470	19470	20380	20830	22190	23560	25840			
			BODY YIELD TORQUE (Nm)		161250	161250	181390	191480	221700	251940	302330			
	SPECIAL CLEARANCE		MINIMUM (Nm)		14330	14330	15000	15330	16340	17350	19020			
			OPTIMUM (Nm)		15920	15920	16660	17040	18150	19280	21140			
			MAXIMUM (Nm)		17500	17500	18330	18750	19970	21200	23250			
	C O N N E C T I O N	COLLAPSE RESISTANCE (MPa)						70.2	70.2	77.0	80.3	89.8	98.7	111.8
COMPRESSION RESISTANCE (%)						100	100	100	100	100	100	100		
TENSILE EFFICIENCY (%)						100	100	100	100	100	100	100		
INTERNAL YIELD PRESSURE (MPa)						68.7	68.7	77.3	81.6	94.4	107.3	128.8		
MAXIMUM BENDING ANGLE (° PER 30m)						60	60	68	71	83	94	113		
BOX CRITICAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )						6697	6697	6697	6697	6697	6697	6697		
MAXIMUM LOAD OF REG. COUPLING FACE (kN)						2709	2709	3047	3221	3728	4235	5080		
MAXIMUM LOAD OF S.C. COUPLING FACE (kN)						1557	1557	1753	1850	2144	2433	2922		
						PARTING LOAD (kN)								
REGULAR COUPLING O.D.						3995	3843	4115	4328	5115	5596	6655		
SPECIAL CLEARANCE COUPLING O.D.						3011	2860	3011	3163	3763	4066	4817		
				OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)	JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (m <sup>3</sup> )					
REGULAR COUPLING				W	199.01	155.04	14.72	102		0.0615				
SPECIAL CLEARANCE COUPLING				Wc	192.18	155.04	10.77	70		0.0610				
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									