

# TECHNICAL INFORMATION - HSC HICOM

# CASING

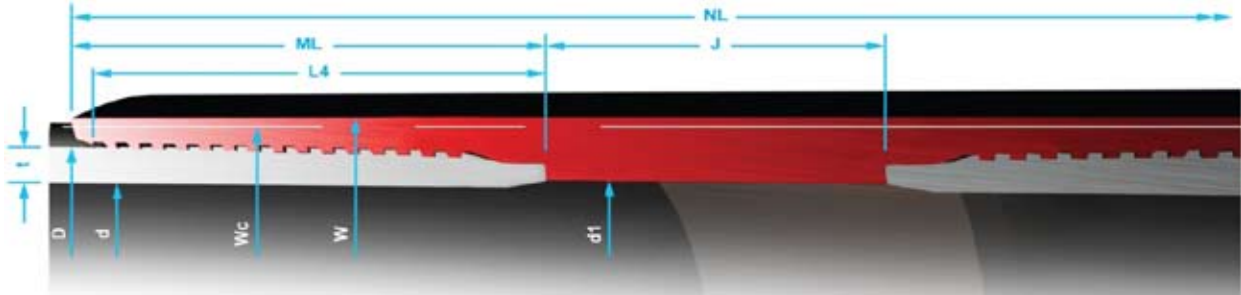


SIZE: **196.85 mm**

NOMINAL WEIGHT: **68.60 kg/m**

WALL THICKNESS: **15.11 mm**

THREADS PER INCH: **5**



P I P E  B O D Y	OUTSIDE DIA. (mm)	D	196.85	INSIDE DIA. (mm)	d	166.62	DRIFT DIA. (mm)	163.45	PLAIN END WT (kg/m)		67.67
	GRADE				N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (MPa)				78.2	78.2	87.8	91.8	103.4	114.3	131.2
	INTERNAL YIELD PRESSURE (MPa)				74.1	74.1	83.4	88.0	101.9	115.8	139.0
	BODY YIELD STRENGTH (kN)				4760	4760	5356	5654	6543	7437	8923
	ULTIMATE STRENGTH (kN)				5947	5654	5947	6245	7437	8033	9519
NOMINAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )				8629	8629	8629	8629	8629	8629	8629	8629
M A K E  U P	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0										
	REGULAR		MINIMUM (Nm)		20150	20150	21040	21490	22830	24170	26410
			OPTIMUM (Nm)		22380	22380	23370	23880	25370	26860	29350
			MAXIMUM (Nm)		24620	24620	25710	26260	27900	29540	32300
			BODY YIELD TORQUE (Nm)		232120	232120	261130	275640	319160	362680	435220
	SPECIAL CLEARANCE		MINIMUM (Nm)		18130	18130	18940	19330	20550	21760	23770
			OPTIMUM (Nm)		20150	20150	21040	21490	22830	24170	26410
			MAXIMUM (Nm)		22170	22170	23140	23650	25110	26590	29060
	C O N N E C T I O N	COLLAPSE RESISTANCE (MPa)				78.2	78.2	87.8	91.8	103.4	114.3
COMPRESSION RESISTANCE (%)				100	100	100	100	100	100	100	
TENSILE EFFICIENCY (%)				100	100	100	100	100	100	100	
INTERNAL YIELD PRESSURE (MPa)				74.1	74.1	83.4	88.0	101.9	115.8	139.0	
MAXIMUM BENDING ANGLE (° PER 30m)				55	55	62	65	76	86	103	
BOX CRITICAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )				8799	8799	8799	8799	8799	8799	8799	
MAXIMUM LOAD OF REG. COUPLING FACE (kN)				3656	3656	4115	4341	5026	5712	6855	
MAXIMUM LOAD OF S.C. COUPLING FACE (kN)				2140	2140	2406	2544	2945	3345	4012	
				PARTING LOAD (kN)							
REGULAR COUPLING O.D.				5204	5013	5378	5658	6681	7322	8710	
SPECIAL CLEARANCE COUPLING O.D.				3954	3759	3954	4155	4946	5338	6330	
			OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (m <sup>3</sup> )				
REGULAR COUPLING			W	221.62	169.16	20.62	102	0.0810			
SPECIAL CLEARANCE COUPLING			Wc	213.54	169.16	14.98	70	0.0803			
LENGTH OF COUPLING (mm)			NL	260.60	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	104.90							