

# TECHNICAL INFORMATION - HSC HICOM

# CASING

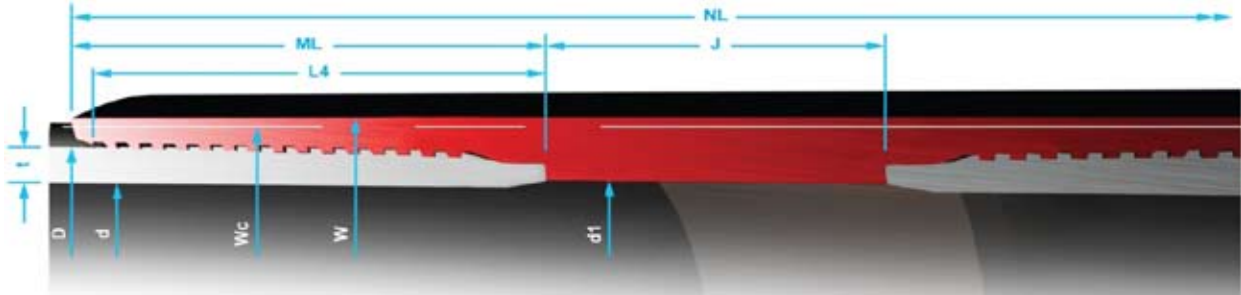


SIZE: **127.00 mm**

NOMINAL WEIGHT: **30.95 kg/m**

WALL THICKNESS: **10.72 mm**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (mm)	D	127.00	INSIDE DIA. (mm)	d	105.56	DRIFT DIA. (mm)	102.39	PLAIN END WT (kg/m)		30.70	
	GRADE				N80		L80	C90	C95	P110	Q125	150
COLLAPSE RESISTANCE (MPa)				85.2		85.2	95.9	101.2	117.2	133.2	157.6	
INTERNAL YIELD PRESSURE (MPa)				81.5		81.5	91.7	96.7	112.0	127.3	152.8	
BODY YIELD STRENGTH (kN)				2162		2162	2429	2567	2971	3376	4048	
ULTIMATE STRENGTH (kN)				2700		2567	2700	2834	3376	3643	4319	
NOMINAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )				3916		3916	3916	3916	3916	3916	3916	
<b>RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0</b>												
MAKE UP	REGULAR		MINIMUM (Nm)		8110	8110	8510	8730	9330	9950	10970	
			OPTIMUM (Nm)		9020	9020	9460	9690	10370	11050	12190	
			MAXIMUM (Nm)		9920	9920	10410	10670	11420	12160	13410	
			BODY YIELD TORQUE (Nm)		66950	66950	75320	79490	92050	104600	125520	
	SPECIAL CLEARANCE		MINIMUM (Nm)		7290	7290	7660	7850	8410	8960	9870	
			OPTIMUM (Nm)		8110	8110	8510	8720	9340	9950	10970	
MAXIMUM (Nm)			8920	8920	9370	9590	10280	10940	12070			
CONNECTION	COLLAPSE RESISTANCE (MPa)				85.2		85.2	95.9	101.2	117.2	133.2	157.6
	COMPRESSION RESISTANCE (%)				100		100	100	100	100	100	100
	TENSILE EFFICIENCY (%)				100		100	100	100	100	100	100
	INTERNAL YIELD PRESSURE (MPa)				81.5		81.5	91.7	96.7	112.0	127.3	152.8
	MAXIMUM BENDING ANGLE (° PER 30m)				87		87	98	103	119	136	163
	BOX CRITICAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )				3992		3992	3992	3992	3992	3992	3992
	MAXIMUM LOAD OF REG. COUPLING FACE (kN)				1495		1495	1681	1775	2055	2335	2802
	MAXIMUM LOAD OF S.C. COUPLING FACE (kN)				810		810	912	961	1112	1263	1517
					<b>PARTING LOAD (kN)</b>							
	REGULAR COUPLING O.D.				2442	2340	2491	2620	3105	3381	4017	
	SPECIAL CLEARANCE COUPLING O.D.				1793	1704	1793	1882	2242	2420	2869	
				OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (m <sup>3</sup> )		
	REGULAR COUPLING			W	144.32	108.10	8.70		102		0.0367	
SPECIAL CLEARANCE COUPLING			Wc	138.68	108.10	6.34		70		0.0364		
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								