

# TECHNICAL INFORMATION - HSC HICOM

# CASING

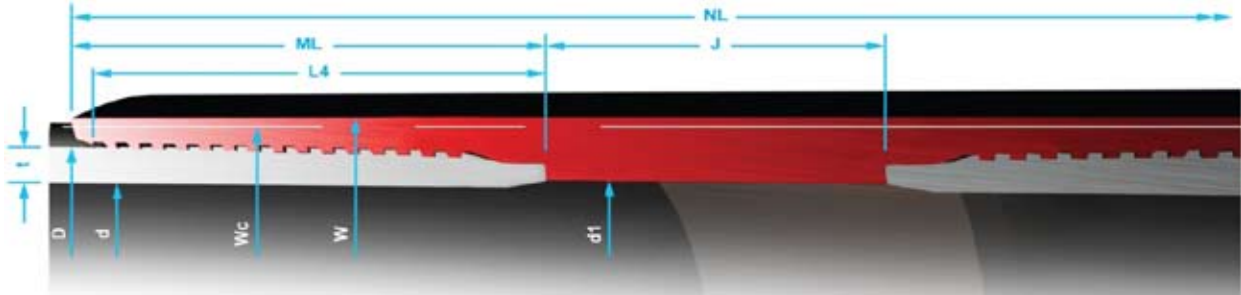


SIZE: **139.70 mm**

NOMINAL WEIGHT: **25.30 kg/m**

WALL THICKNESS: **7.72 mm**

THREADS PER INCH: **5**



P I P E  B O D Y	OUTSIDE DIA. (mm)	D	139.70	INSIDE DIA. (mm)	d	124.26	DRIFT DIA. (mm)	121.08	PLAIN END WT (kg/m)		25.11	
	GRADE				N80	L80	C90	C95	P110	Q125	150	
	COLLAPSE RESISTANCE (MPa)				43.4	43.4	46.5	47.8	51.6	54.4	57.2	
	INTERNAL YIELD PRESSURE (MPa)				53.4	53.4	60.0	63.4	73.4	83.4	100.0	
	BODY YIELD STRENGTH (kN)				1766	1766	1988	2095	2429	2758	3309	
	ULTIMATE STRENGTH (kN)				2206	2095	2206	2318	2758	2980	3532	
NOMINAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )				3202	3202	3202	3202	3202	3202	3202	3202	
<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)		6470	6470	6890	7090	7710	8340	9370	
			OPTIMUM (Nm)		7190	7190	7650	7880	8570	9260	10410	
			MAXIMUM (Nm)		7900	7900	8410	8660	9420	10180	11460	
			BODY YIELD TORQUE (Nm)		63780	63780	71750	75740	87690	99650	119580	
	SPECIAL CLEARANCE		MINIMUM (Nm)		5820	5820	6180	6390	6930	7500	8430	
			OPTIMUM (Nm)		6470	6470	6870	7090	7700	8320	9370	
MAXIMUM (Nm)			7120	7120	7570	7800	8470	9150	10300			
C O N N E C T I O N	COLLAPSE RESISTANCE (MPa)				43.4	43.4	46.5	47.8	51.6	54.4	57.2	
	COMPRESSION RESISTANCE (%)				100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)				100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (MPa)				53.4	53.4	60.0	63.4	73.4	83.4	100.0	
	MAXIMUM BENDING ANGLE (° PER 30m)				74	74	83	88	101	115	138	
	BOX CRITICAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )				3268	3268	3268	3268	3268	3268	3268	
	MAXIMUM LOAD OF REG. COUPLING FACE (kN)				1032	1032	1161	1228	1419	1615	1935	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kN)				472	472	529	556	645	734	881	
					<b>PARTING LOAD (kN)</b>							
	REGULAR COUPLING O.D.				1984	1904	2028	2135	2527	2758	3274	
	SPECIAL CLEARANCE COUPLING O.D.				1468	1397	1468	1544	1837	1984	2349	
				OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (m <sup>3</sup> )		
	REGULAR COUPLING			W	152.50	126.80	6.99		102		0.0300	
	SPECIAL CLEARANCE COUPLING			Wc	148.16	126.80	5.06		70		0.0297	
LENGTH OF COUPLING (mm)			NL	240.28								
MAKE UP LOSS (mm)			ML	94.74								
The above information is for reference only. The information is subject to change or modification without notice. Please contact HSC for the latest information												