

# TECHNICAL INFORMATION - HSC HICOM

# CASING

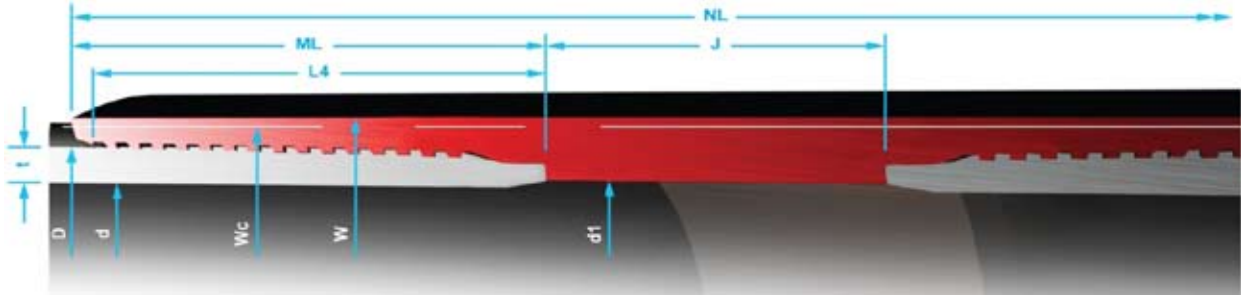


SIZE: **139.70 mm**

NOMINAL WEIGHT: **38.69 kg/m**

WALL THICKNESS: **12.09 mm**

THREADS PER INCH: **5**



P I P E  B O D Y	OUTSIDE DIA. (mm)	D	139.70	INSIDE DIA. (mm)	d	115.52	DRIFT DIA. (mm)	112.34	PLAIN END WT (kg/m)		38.01	
	GRADE				N80	L80	C90	C95	P110	Q125	150	
	COLLAPSE RESISTANCE (MPa)				87.2	87.2	98.2	103.6	120.0	136.3	163.6	
	INTERNAL YIELD PRESSURE (MPa)				83.5	83.5	94.0	99.2	114.9	130.5	156.6	
	BODY YIELD STRENGTH (kN)				2673	2673	3007	3176	3674	4177	5013	
	ULTIMATE STRENGTH (kN)				3341	3176	3341	3510	4177	4510	5347	
NOMINAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )				4847	4847	4847	4847	4847	4847	4847	4847	
<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)		10620	10620	11100	11350	12090	12830	14060	
			OPTIMUM (Nm)		11800	11800	12340	12610	13440	14250	15620	
			MAXIMUM (Nm)		12980	12980	13570	13870	14780	15670	17180	
			BODY YIELD TORQUE (Nm)		90770	90770	102120	107790	124800	141830	170200	
	SPECIAL CLEARANCE		MINIMUM (Nm)		9560	9560	9990	10210	10890	11540	12650	
			OPTIMUM (Nm)		10620	10620	11100	11350	12090	12830	14060	
MAXIMUM (Nm)			11670	11670	12220	12490	13300	14110	15470			
C O N N E C T I O N	COLLAPSE RESISTANCE (MPa)				87.2	87.2	98.2	103.6	120.0	136.3	163.6	
	COMPRESSION RESISTANCE (%)				100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)				100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (MPa)				83.5	83.5	94.0	99.2	114.9	130.5	156.6	
	MAXIMUM BENDING ANGLE (° PER 30m)				79	79	89	94	109	124	149	
	BOX CRITICAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )				4942	4942	4942	4942	4942	4942	4942	
	MAXIMUM LOAD OF REG. COUPLING FACE (kN)				1948	1948	2193	2313	2678	3047	3656	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kN)				1099	1099	1237	1303	1512	1717	2060	
					<b>PARTING LOAD (kN)</b>							
	REGULAR COUPLING O.D.				3003	2882	3074	3229	3825	4172	4960	
	SPECIAL CLEARANCE COUPLING O.D.				2220	2108	2220	2331	2776	2998	3554	
				OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (m <sup>3</sup> )		
	REGULAR COUPLING			W	159.33	118.06	10.84		102		0.0454	
	SPECIAL CLEARANCE COUPLING			Wc	153.01	118.06	7.92		70		0.0450	
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								