

# TECHNICAL INFORMATION - HSC HICOM

# CASING

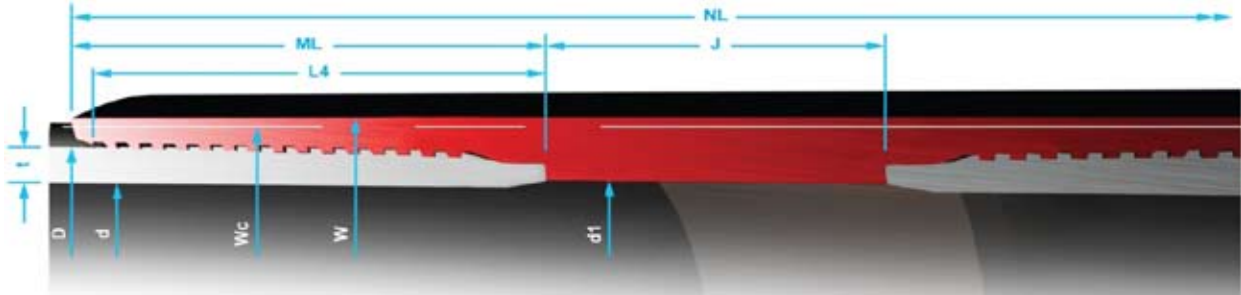


SIZE: **127.00 mm**

NOMINAL WEIGHT: **34.53 kg/m**

WALL THICKNESS: **12.14 mm**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (mm)	D	127.00	INSIDE DIA. (mm)	d	102.72	DRIFT DIA. (mm)				99.54	PLAIN END WT (kg/m)		34.35
	GRADE						N80	L80	C90	C95	P110	Q125	150	
	COLLAPSE RESISTANCE (MPa)						95.4	95.4	107.3	113.3	131.1	149.1	178.9	
	INTERNAL YIELD PRESSURE (MPa)						92.3	92.3	103.8	109.6	126.9	144.2	173.0	
	BODY YIELD STRENGTH (kN)						2415	2415	2718	2869	3323	3777	4533	
	ULTIMATE STRENGTH (kN)						3020	2869	3020	3172	3777	4079	4831	
	NOMINAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )						4381	4381	4381	4381	4381	4381	4381	

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0								
	REGULAR	MINIMUM (Nm)	9310	9310	9750	9970	10640	11290	12390
OPTIMUM (Nm)		10340	10340	10830	11080	11820	12550	13780	
MAXIMUM (Nm)		11380	11380	11920	12190	13000	13820	15160	
	BODY YIELD TORQUE (Nm)	73270	73270	82430	87020	100750	114490	137390	
SPECIAL CLEARANCE	MINIMUM (Nm)	8380	8380	8770	8980	9570	10170	11170	
	OPTIMUM (Nm)	9310	9310	9750	9980	10640	11290	12410	
	MAXIMUM (Nm)	10250	10250	10720	10980	11710	12420	13650	

CONNECTION	COLLAPSE RESISTANCE (MPa)						95.4	95.4	107.3	113.3	131.1	149.1	178.9
	COMPRESSION RESISTANCE (%)						100	100	100	100	100	100	100
	TENSILE EFFICIENCY (%)						100	100	100	100	100	100	100
	INTERNAL YIELD PRESSURE (MPa)						92.3	92.3	103.8	109.6	126.9	144.2	173.0
	MAXIMUM BENDING ANGLE (° PER 30m)						89	89	100	106	123	139	167
	BOX CRITICAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )						4467	4467	4467	4467	4467	4467	4467
	MAXIMUM LOAD OF REG. COUPLING FACE (kN)						1757	1757	1975	2086	2415	2745	3292
	MAXIMUM LOAD OF S.C. COUPLING FACE (kN)						988	988	1112	1174	1361	1544	1855
	<b>PARTING LOAD (kN)</b>												
	REGULAR COUPLING O.D.						2731	2620	2789	2931	3470	3785	4497
SPECIAL CLEARANCE COUPLING O.D.						2011	1908	2011	2108	2509	2713	3212	
		OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (m <sup>3</sup> )							
REGULAR COUPLING		W	146.41	105.26	9.80	102							
SPECIAL CLEARANCE COUPLING		Wc	140.18	105.26	7.16	70							
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