

TECHNICAL INFORMATION - HSC HICOM

CASING

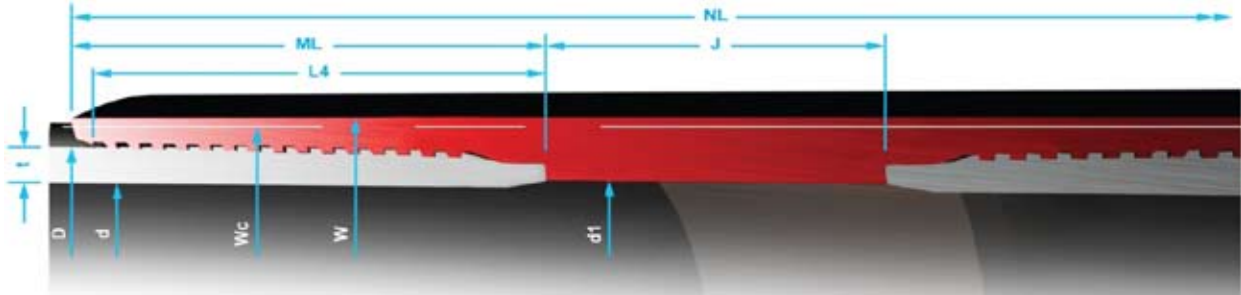


SIZE: **139.70 mm**

NOMINAL WEIGHT: **44.20 kg/m**

WALL THICKNESS: **14.27 mm**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (mm)	D	139.70	INSIDE DIA. (mm)	d	111.15	DRIFT DIA. (mm)	107.98	PLAIN END WT (kg/m)		44.11	
	GRADE				N80	L80	C90	C95	P110	Q125	150	
COLLAPSE RESISTANCE (MPa)				101.1	101.1	113.8	120.2	139.1	158.1	189.7		
INTERNAL YIELD PRESSURE (MPa)				98.6	98.6	111.0	117.1	135.6	154.1	184.9		
BODY YIELD STRENGTH (kN)				3100	3100	3492	3683	4266	4849	5818		
ULTIMATE STRENGTH (kN)				3879	3683	3879	4070	4849	5236	6205		
NOMINAL CROSS-SECTIONAL AREA (mm ²)				5625	5625	5625	5625	5625	5625	5625		
RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0												
MAKE UP	REGULAR		MINIMUM (Nm)		12690	12690	13220	13480	14280	15080	16410	
			OPTIMUM (Nm)		14100	14100	14680	14980	15860	16740	18220	
			MAXIMUM (Nm)		15510	15510	16150	16490	17450	18410	20040	
			BODY YIELD TORQUE (Nm)		102160	102160	114930	121320	140480	159620	191550	
	SPECIAL CLEARANCE		MINIMUM (Nm)		11420	11420	11900	12150	12850	13570	14760	
			OPTIMUM (Nm)		12690	12690	13220	13490	14280	15080	16410	
MAXIMUM (Nm)			13960	13960	14530	14830	15700	16580	18050			
CONNECTION	COLLAPSE RESISTANCE (MPa)				101.1	101.1	113.8	120.2	139.1	158.1	189.7	
	COMPRESSION RESISTANCE (%)				100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)				100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (MPa)				98.6	98.6	111.0	117.1	135.6	154.1	184.9	
	MAXIMUM BENDING ANGLE (° PER 30m)				82	82	93	98	113	129	155	
	BOX CRITICAL CROSS-SECTIONAL AREA (mm ²)				5738	5738	5738	5738	5738	5738	5738	
	MAXIMUM LOAD OF REG. COUPLING FACE (kN)				2384	2384	2682	2834	3278	3728	4470	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kN)				1397	1397	1575	1659	1922	2184	2624	
					PARTING LOAD (kN)							
	REGULAR COUPLING O.D.				3487	3345	3567	3750	4439	4844	5756	
	SPECIAL CLEARANCE COUPLING O.D.				2580	2451	2580	2709	3225	3483	4128	
				OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (m ³)		
	REGULAR COUPLING			W	162.48	113.69	12.67		102		0.0527	
	SPECIAL CLEARANCE COUPLING			Wc	155.27	113.69	9.28		70		0.0523	
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								