

TECHNICAL INFORMATION - HSC HICOM

CASING

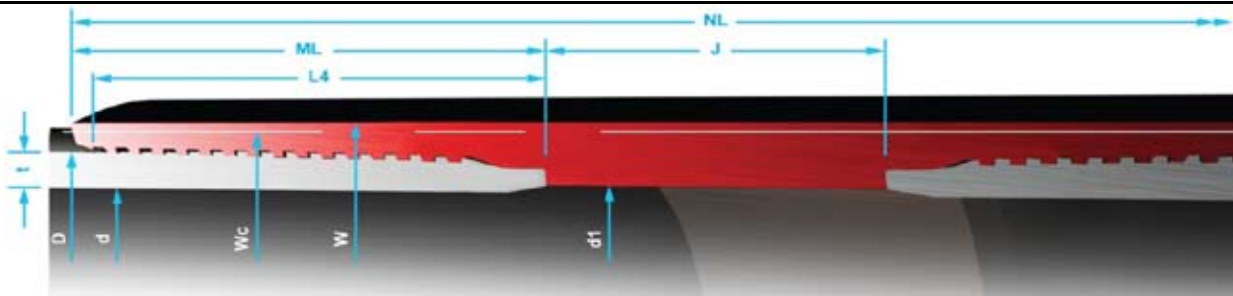


SIZE: **177.80 mm**

NOMINAL WEIGHT: **61.01 kg/m**

WALL THICKNESS: **14.99 mm**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (mm)	D	177.80	INSIDE DIA. (mm)	d	147.83	DRIFT DIA. (mm)				144.65	PLAIN END WT (kg/m)		60.11
	GRADE						N80	L80	C90	C95	P110	Q125	150	
	COLLAPSE RESISTANCE (MPa)						85.2	85.2	95.8	101.1	117.1	133.1	157.3	
	INTERNAL YIELD PRESSURE (MPa)						81.4	81.4	91.5	96.6	111.9	127.1	152.5	
	BODY YIELD STRENGTH (kN)						4226	4226	4755	5022	5814	6606	7927	
	ULTIMATE STRENGTH (kN)						5284	5022	5284	5551	6606	7135	8456	
	NOMINAL CROSS-SECTIONAL AREA (mm ²)						7665	7665	7665	7665	7665	7665	7665	

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0								
	REGULAR	MINIMUM (Nm)	19010	19010	19750	20120	21250	22360	24210
OPTIMUM (Nm)		21120	21120	21950	22360	23600	24840	26900	
MAXIMUM (Nm)		23240	23240	24150	24590	25960	27320	29580	
	BODY YIELD TORQUE (Nm)	183510	183510	206450	217920	252330	286740	344080	
SPECIAL CLEARANCE	MINIMUM (Nm)	17110	17110	17770	18110	19120	20120	21790	
	OPTIMUM (Nm)	19010	19010	19750	20120	21250	22360	24210	
	MAXIMUM (Nm)	20910	20910	21730	22130	23370	24590	26640	

	COLLAPSE RESISTANCE (MPa)						85.2	85.2	95.8	101.1	117.1	133.1	157.3
	COMPRESSION RESISTANCE (%)						100	100	100	100	100	100	100
	TENSILE EFFICIENCY (%)						100	100	100	100	100	100	100
	INTERNAL YIELD PRESSURE (MPa)						81.4	81.4	91.5	96.6	111.9	127.1	152.5
	MAXIMUM BENDING ANGLE (° PER 30m)						62	62	70	74	85	97	116
	BOX CRITICAL CROSS-SECTIONAL AREA (mm ²)						7819	7819	7819	7819	7819	7819	7819
	MAXIMUM LOAD OF REG. COUPLING FACE (kN)						3327	3327	3741	3950	4573	5196	6236
	MAXIMUM LOAD OF S.C. COUPLING FACE (kN)						1979	1979	2224	2349	2718	3092	3710
	PARTING LOAD (kN)												
	REGULAR COUPLING O.D.						4666	4488	4804	5053	5974	6539	7775
	SPECIAL CLEARANCE COUPLING O.D.						3514	3336	3514	3688	4390	4742	5618
CONNECTION			OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)	JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (m ³)					
		REGULAR COUPLING	W	202.56	150.37	17.31	102		0.0718				
		SPECIAL CLEARANCE COUPLING	Wc	194.69	150.37	12.68	70		0.0712				
		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									