

TECHNICAL INFORMATION - HSC HICOM

CASING

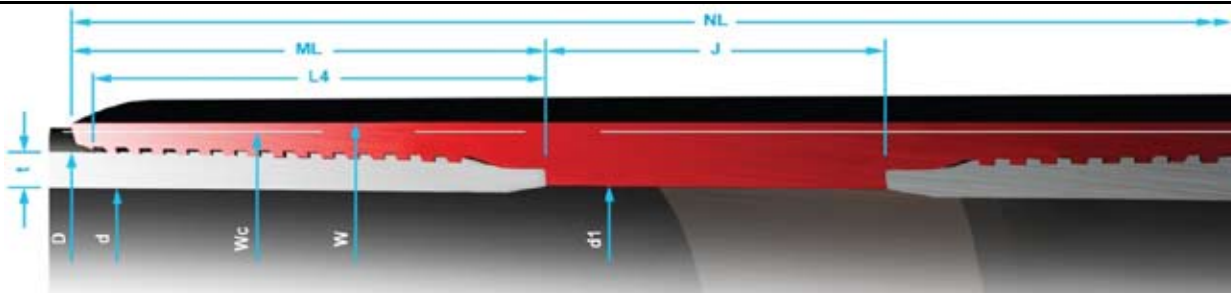


SIZE: **177.80 mm**

NOMINAL WEIGHT: **56.55 kg/m**

WALL THICKNESS: **13.72 mm**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (mm)	D	177.80	INSIDE DIA. (mm)	d	150.37	DRIFT DIA. (mm)				147.19	PLAIN END WT (kg/m)		55.45
	GRADE						N80	L80	C90	C95	P110	Q125	150	
	COLLAPSE RESISTANCE (MPa)						78.5	78.5	88.4	92.7	104.4	115.5	132.7	
	INTERNAL YIELD PRESSURE (MPa)						74.5	74.5	83.8	88.4	102.4	116.3	139.6	
	BODY YIELD STRENGTH (kN)						3901	3901	4386	4631	5365	6094	7313	
	ULTIMATE STRENGTH (kN)						4875	4631	4875	5120	6094	6579	7798	
	NOMINAL CROSS-SECTIONAL AREA (mm ²)						7070	7070	7070	7070	7070	7070	7070	

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0								
	REGULAR	MINIMUM (Nm)		17420	17420	18180	18560	19700	20830
OPTIMUM (Nm)		19360	19360	20200	20620	21880	23140	25260	
MAXIMUM (Nm)		21300	21300	22220	22680	24070	25460	27780	
	BODY YIELD TORQUE (Nm)		171670	171670	193120	203860	236050	268240	321870
SPECIAL CLEARANCE	MINIMUM (Nm)		15670	15670	16360	16700	17730	18750	20450
	OPTIMUM (Nm)		17420	17420	18180	18560	19700	20840	22720
	MAXIMUM (Nm)		19170	19170	20000	20420	21670	22930	25000

CONNECTION	COLLAPSE RESISTANCE (MPa)		78.5	78.5	88.4	92.7	104.4	115.5	132.7	
	COMPRESSION RESISTANCE (%)		100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)		100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (MPa)		74.5	74.5	83.8	88.4	102.4	116.3	139.6	
	MAXIMUM BENDING ANGLE (° PER 30m)		61	61	69	72	84	95	114	
	BOX CRITICAL CROSS-SECTIONAL AREA (mm ²)		7215	7215	7215	7215	7215	7215	7215	
	MAXIMUM LOAD OF REG. COUPLING FACE (kN)		2994	2994	3367	3554	4119	4680	5614	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kN)		1753	1753	1971	2082	2411	2740	3287	
	PARTING LOAD (kN)									
	REGULAR COUPLING O.D.		4306	4141	4435	4662	5511	6032	7171	
SPECIAL CLEARANCE COUPLING O.D.		3243	3083	3243	3407	4052	4377	5191		
		OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)		JOINT EFFICIENCY (%)		30° JOINT MUD DISPLACEMENT (m ³)		
REGULAR COUPLING		W	200.66	152.91	15.92		102	0.0663		
SPECIAL CLEARANCE COUPLING		Wc	193.34	152.91	11.65		70	0.0657		
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							