

TECHNICAL INFORMATION - HSC HICOM

CASING

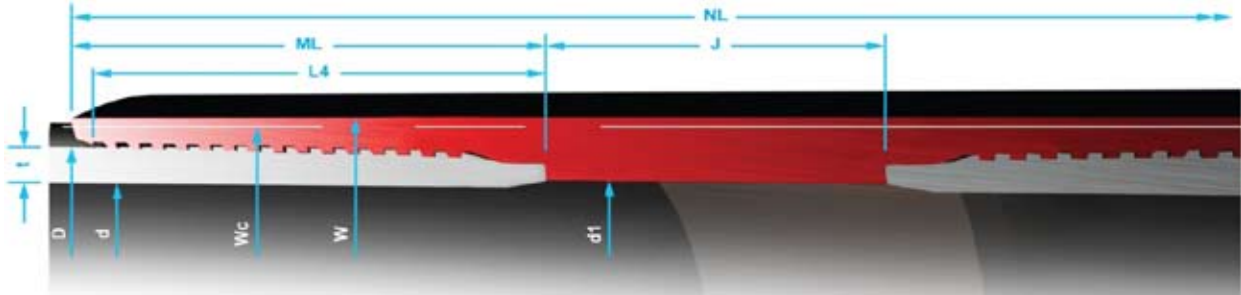


SIZE: **273.05 mm**

NOMINAL WEIGHT: **97.77 kg/m**

WALL THICKNESS: **15.11 mm**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (mm)	D	273.05	INSIDE DIA. (mm)	d	242.82	DRIFT DIA. (mm)				238.86	PLAIN END WT (kg/m)		96.03
	GRADE					N80	L80	C90	C95	P110	Q125	150		
	COLLAPSE RESISTANCE (MPa)					43.4	43.4	46.6	48.0	51.7	54.6	57.4		
	INTERNAL YIELD PRESSURE (MPa)					53.4	53.4	60.1	63.4	73.5	83.5	100.2		
	BODY YIELD STRENGTH (kN)					6757	6757	7598	8020	9288	10556	12664		
	ULTIMATE STRENGTH (kN)					8443	8020	8443	8865	10556	11401	13509		
	NOMINAL CROSS-SECTIONAL AREA (mm ²)					12247	12247	12247	12247	12247	12247	12247		

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0									
	REGULAR	MINIMUM (Nm)	22000	22000	22800	23210	24400	25610	27620	
		OPTIMUM (Nm)	24450	24450	25340	25790	27120	28460	30680	
	MAXIMUM (Nm)	26890	26890	27880	28360	29830	31310	33750		
	BODY YIELD TORQUE (Nm)	476770	476770	536360	566160	655550	744950	893930		
SPECIAL CLEARANCE	MINIMUM (Nm)	19810	19810	20530	20890	21960	23050	24850		
	OPTIMUM (Nm)	22000	22000	22800	23210	24400	25610	27620		
	MAXIMUM (Nm)	24200	24200	25080	25530	26850	28170	30380		

CONNECTION	COLLAPSE RESISTANCE (MPa)					43.4	43.4	46.6	48.0	51.7	54.6	57.4
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100
	INTERNAL YIELD PRESSURE (MPa)					53.4	53.4	60.1	63.4	73.5	83.5	100.2
	MAXIMUM BENDING ANGLE (° PER 30m)					38	38	42	45	52	59	71
	BOX CRITICAL CROSS-SECTIONAL AREA (mm ²)					12496	12496	12496	12496	12496	12496	12496
	MAXIMUM LOAD OF REG. COUPLING FACE (kN)					4795	4795	5396	5698	6597	7495	8994
	MAXIMUM LOAD OF S.C. COUPLING FACE (kN)					2638	2638	2967	3136	3630	4124	4946
	PARTING LOAD (kN)											
	REGULAR COUPLING O.D.					7117	6899	7460	7851	9239	10191	12144
SPECIAL CLEARANCE COUPLING O.D.					5614	5333	5614	5894	7015	7580	8981	
		OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)	JOINT EFFICIENCY (%)		30° JOINT MUD DISPLACEMENT (m ³)					
REGULAR COUPLING		W	297.10	245.36	33.89		102		0.1154			
SPECIAL CLEARANCE COUPLING		Wc	288.57	245.36	23.99		70		0.1141			
LENGTH OF COUPLING (mm)		NL	321.56	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	135.38									