

# TECHNICAL INFORMATION - HSC HICOM

# CASING

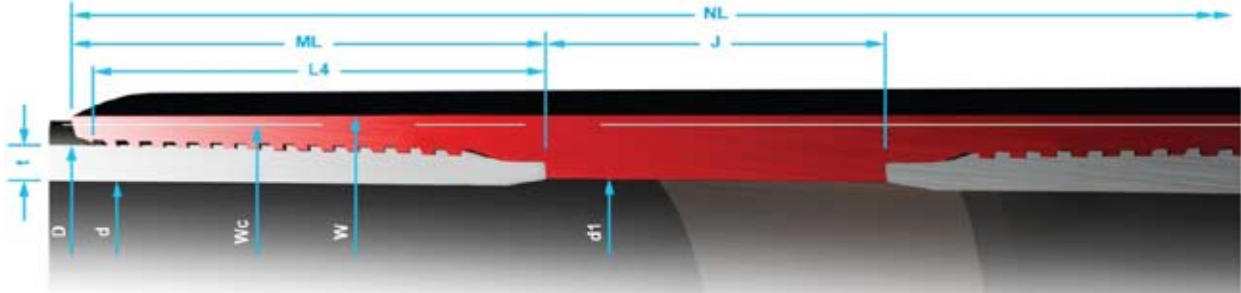


SIZE: **250.82 mm**

NOMINAL WEIGHT: **102.53 kg/m**

WALL THICKNESS: **17.78 mm**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (mm)	D	250.82	INSIDE DIA. (mm)	d	215.26	DRIFT DIA. (mm)		211.30	PLAIN END WT (kg/m)		102.07
	GRADE				N80	L80	C90	C95	P110	Q125	150	
	COLLAPSE RESISTANCE (MPa)				69.8	69.8	76.5	79.8	89.2	97.9	110.9	
	INTERNAL YIELD PRESSURE (MPa)				68.4	68.4	77.0	81.3	94.1	106.9	128.3	
	BODY YIELD STRENGTH (kN)				7179	7179	8078	8527	9871	11218	13465	
	ULTIMATE STRENGTH (kN)				8977	8527	8977	9426	11218	12117	14359	
	NOMINAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )				13017	13017	13017	13017	13017	13017	13017	
MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
	REGULAR	MINIMUM (Nm)			24500	24500	25230	25600	26710	27810	29650	
		OPTIMUM (Nm)			27220	27220	28040	28450	29680	30900	32950	
		MAXIMUM (Nm)			29950	29950	30840	31290	32650	33990	36240	
		BODY YIELD TORQUE (Nm)			451410	451410	507840	536050	620680	705320	846400	
	SPECIAL CLEARANCE	MINIMUM (Nm)			22050	22050	22710	23040	24040	25030	26680	
		OPTIMUM (Nm)			24500	24500	25230	25600	26710	27810	29650	
MAXIMUM (Nm)			26950	26950	27750	28160	29380	30590	32620			
CONNECTION	COLLAPSE RESISTANCE (MPa)				69.8	69.8	76.5	79.8	89.2	97.9	110.9	
	COMPRESSION RESISTANCE (%)				100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)				100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (MPa)				68.4	68.4	77.0	81.3	94.1	106.9	128.3	
	MAXIMUM BENDING ANGLE (° PER 30m)				43	43	48	51	59	67	80	
	BOX CRITICAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )				13281	13281	13281	13281	13281	13281	13281	
	MAXIMUM LOAD OF REG. COUPLING FACE (kN)				5529	5529	6223	6566	7606	8643	10369	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kN)				3243	3243	3648	3852	4457	5067	6081	
					PARTING LOAD (kN)							
	REGULAR COUPLING O.D.				7651	7402	7985	8398	9897	10894	12975	
	SPECIAL CLEARANCE COUPLING O.D.				5970	5671	5970	6272	7464	8060	9555	
				OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (m <sup>3</sup> )		
	REGULAR COUPLING			W	279.50	217.80	34.79		102		0.1226	
SPECIAL CLEARANCE COUPLING			Wc	269.85	217.80	24.96		70		0.1213		
LENGTH OF COUPLING (mm)			NL	301.24		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	125.22								