

TECHNICAL INFORMATION - HSC HICOM

CASING

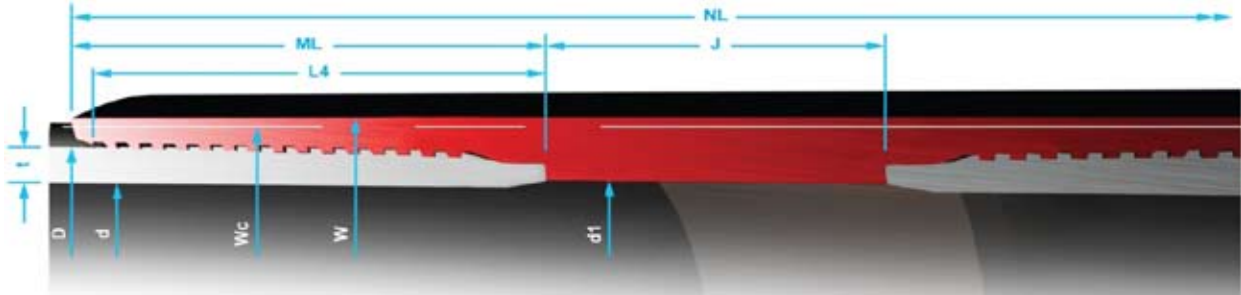


SIZE: **177.80 mm**

NOMINAL WEIGHT: **43.16 kg/m**

WALL THICKNESS: **10.36 mm**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (mm)	D	177.80	INSIDE DIA. (mm)	d	157.07	DRIFT DIA. (mm)	153.90	PLAIN END WT (kg/m)			42.74		
	GRADE								N80	L80	C90	C95	P110	Q125
COLLAPSE RESISTANCE (MPa)								48.4	48.4	52.3	54.0	58.8	62.7	67.5
INTERNAL YIELD PRESSURE (MPa)								56.3	56.3	63.3	66.8	77.4	87.9	105.5
BODY YIELD STRENGTH (kN)								3007	3007	3381	3572	4132	4697	5636
ULTIMATE STRENGTH (kN)								3759	3572	3759	3946	4697	5075	6014
NOMINAL CROSS-SECTIONAL AREA (mm ²)								5451	5451	5451	5451	5451	5451	5451
RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0														
MAKE UP	REGULAR		MINIMUM (Nm)		12130	12130	12790	13120	14100	15080	16700			
			OPTIMUM (Nm)		13480	13480	14210	14580	15660	16740	18560			
			MAXIMUM (Nm)		14820	14820	15630	16030	17220	18410	20420			
			BODY YIELD TORQUE (Nm)		137390	137390	154560	163150	188910	214670	257610			
	SPECIAL CLEARANCE		MINIMUM (Nm)		10930	10930	11510	11800	12690	13570	15040			
			OPTIMUM (Nm)		12130	12130	12790	13110	14100	15080	16700			
MAXIMUM (Nm)			13350	13350	14060	14430	15510	16580	18370					
CONNECTION	COLLAPSE RESISTANCE (MPa)				48.4	48.4	52.3	54.0	58.8	62.7	67.5			
	COMPRESSION RESISTANCE (%)				100	100	100	100	100	100	100			
	TENSILE EFFICIENCY (%)				100	100	100	100	100	100	100			
	INTERNAL YIELD PRESSURE (MPa)				56.3	56.3	63.3	66.8	77.4	87.9	105.5			
	MAXIMUM BENDING ANGLE (° PER 30m)				58	58	66	69	80	91	109			
	BOX CRITICAL CROSS-SECTIONAL AREA (mm ²)				5564	5564	5564	5564	5564	5564	5564			
	MAXIMUM LOAD OF REG. COUPLING FACE (kN)				2091	2091	2349	2482	2874	3265	3914			
	MAXIMUM LOAD OF S.C. COUPLING FACE (kN)				1130	1130	1268	1339	1552	1761	2117			
					PARTING LOAD (kN)									
	REGULAR COUPLING O.D.				3318	3194	3416	3594	4248	4648	5529			
	SPECIAL CLEARANCE COUPLING O.D.				2500	2371	2500	2624	3123	3372	3995			
				OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (m ³)				
	REGULAR COUPLING			W	195.35	159.61	12.12		102		0.0510			
SPECIAL CLEARANCE COUPLING			Wc	189.56	159.61	8.82		70		0.0506				
LENGTH OF COUPLING (mm)			NL	240.28										
MAKE UP LOSS (mm)			ML	94.74										
The above information is for reference only. The information is subject to change or modification without notice. Please contact HSC for the latest information														