

# TECHNICAL INFORMATION - HSC HICOM

# CASING



SIZE: **127.00 mm**

NOMINAL WEIGHT: **30.21 kg/m**

WALL THICKNESS: **10.36 mm**

THREADS PER INCH: **5**



P I P E  B O D Y	OUTSIDE DIA. (mm)	D	127.00	INSIDE DIA. (mm)	d	106.27	DRIFT DIA. (mm)	103.10	PLAIN END WT (kg/m)		29.78	
	GRADE				N80	L80	C90	C95	P110	Q125	150	
	COLLAPSE RESISTANCE (MPa)				82.7	82.7	93.0	98.2	113.7	128.0	148.1	
	INTERNAL YIELD PRESSURE (MPa)				78.8	78.8	88.6	93.5	108.3	123.1	147.7	
	BODY YIELD STRENGTH (kN)				2095	2095	2358	2487	2878	3274	3928	
	ULTIMATE STRENGTH (kN)				2620	2487	2620	2749	3274	3536	4190	
NOMINAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )				3797	3797	3797	3797	3797	3797	3797	3797	
<b>RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0</b>												
M A K E  U P	REGULAR		MINIMUM (Nm)		7810	7810	8220	8410	9020	9610	10620	
			OPTIMUM (Nm)		8680	8680	9120	9340	10020	10680	11800	
			MAXIMUM (Nm)		9540	9540	10030	10280	11020	11750	12980	
			BODY YIELD TORQUE (Nm)		65280	65280	73440	77530	89760	102000	122400	
	SPECIAL CLEARANCE		MINIMUM (Nm)		7020	7020	7390	7570	8110	8650	9560	
			OPTIMUM (Nm)		7810	7810	8220	8410	9020	9610	10620	
MAXIMUM (Nm)			8600	8600	9040	9250	9920	10580	11670			
C O N N E C T I O N	COLLAPSE RESISTANCE (MPa)				82.7	82.7	93.0	98.2	113.7	128.0	148.1	
	COMPRESSION RESISTANCE (%)				100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)				100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (MPa)				78.8	78.8	88.6	93.5	108.3	123.1	147.7	
	MAXIMUM BENDING ANGLE (° PER 30m)				86	86	97	102	119	135	162	
	BOX CRITICAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )				3871	3871	3871	3871	3871	3871	3871	
	MAXIMUM LOAD OF REG. COUPLING FACE (kN)				1428	1428	1610	1699	1966	2233	2682	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kN)				765	765	859	907	1050	1192	1432	
					<b>PARTING LOAD (kN)</b>							
	REGULAR COUPLING O.D.				2366	2269	2415	2540	3007	3278	3897	
	SPECIAL CLEARANCE COUPLING O.D.				1739	1650	1739	1828	2175	2349	2785	
				OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (m <sup>3</sup> )		
	REGULAR COUPLING			W	143.79	108.81	8.43		102		0.0356	
SPECIAL CLEARANCE COUPLING			Wc	138.30	108.81	6.14		70		0.0353		
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								