

# TECHNICAL INFORMATION - HSC HICOM

# CASING



SIZE: **127.00 mm**

NOMINAL WEIGHT: **35.86 kg/m**

WALL THICKNESS: **12.70 mm**

THREADS PER INCH: **5**



P I P E  B O D Y	OUTSIDE DIA. (mm)	D	127.00	INSIDE DIA. (mm)	d	101.60	DRIFT DIA. (mm)	98.42	PLAIN END WT (kg/m)		35.76	
	GRADE				N80	L80	C90	C95	P110	Q125	150	
	COLLAPSE RESISTANCE (MPa)				99.3	99.3	111.7	117.9	136.5	155.1	186.2	
	INTERNAL YIELD PRESSURE (MPa)				96.5	96.5	108.6	114.6	132.7	150.8	181.0	
	BODY YIELD STRENGTH (kN)				2513	2513	2829	2989	3461	3932	4715	
	ULTIMATE STRENGTH (kN)				3145	2989	3145	3301	3932	4244	5031	
NOMINAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )				4560	4560	4560	4560	4560	4560	4560	4560	
<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)		9790	9790	10240	10470	11160	11820	12980	
			OPTIMUM (Nm)		10870	10870	11380	11630	12390	13140	14410	
			MAXIMUM (Nm)		11960	11960	12510	12800	13630	14450	15850	
			BODY YIELD TORQUE (Nm)		75610	75610	85080	89800	103980	118160	141790	
	SPECIAL CLEARANCE		MINIMUM (Nm)		8810	8810	9220	9420	10030	10640	11660	
			OPTIMUM (Nm)		9790	9790	10240	10470	11140	11820	12960	
MAXIMUM (Nm)			10770	10770	11270	11510	12260	13000	14260			
C O N N E C T I O N	COLLAPSE RESISTANCE (MPa)				99.3	99.3	111.7	117.9	136.5	155.1	186.2	
	COMPRESSION RESISTANCE (%)				100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)				100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (MPa)				96.5	96.5	108.6	114.6	132.7	150.8	181.0	
	MAXIMUM BENDING ANGLE (° PER 30m)				90	90	102	107	124	141	169	
	BOX CRITICAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )				4649	4649	4649	4649	4649	4649	4649	
	MAXIMUM LOAD OF REG. COUPLING FACE (kN)				1855	1855	2086	2202	2553	2900	3479	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kN)				1059	1059	1188	1254	1455	1650	1979	
					<b>PARTING LOAD (kN)</b>							
	REGULAR COUPLING O.D.				2842	2727	2905	3051	3612	3941	4680	
	SPECIAL CLEARANCE COUPLING O.D.				2091	1984	2091	2193	2611	2820	3345	
				OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (m <sup>3</sup> )		
	REGULAR COUPLING			W	147.19	104.14	10.22		102		0.0427	
	SPECIAL CLEARANCE COUPLING			Wc	140.74	104.14	7.47		70		0.0424	
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												