

TECHNICAL INFORMATION

CASING

SIZE:	127.00 mm
NOMINAL WEIGHT:	31.85 kg/m
WALL THICKNESS:	11.10 mm
THREADS PER INCH:	5



PIPE BODY	OUTSIDE DIA.(mm)D	127.00	INSIDE DIA.(mm) d	104.80	DRIFT DIA. (mm)	101.63	PLAIN END WT (kg/m)			31.70
	GRADE	K55		N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (MPa)	60.5		88.0	88.0	99.0	104.5	121.0	137.5	165.0
	INTERNAL YIELD PRESSURE (MPa)	58.0		84.4	84.4	94.9	100.2	116.0	131.8	158.2
	BODY YIELD STRENGTH (kN)	1533		2229	2229	2508	2647	3065	3483	4180
	ULTIMATE STRENGTH (kN)	2647		2787	2647	2787	2926	3483	3762	4458
	YIELD TORQUE (Nm)	47220		68690	68690	77280	81570	94450	107330	128790

MAKEUP	RECOMMENDED MAKEUP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0									
	REGULAR	MINIMUM (Nm)	8750	9720	9720	10130	10130	10620	11050	11900
		OPTIMUM (Nm)	9710	10790	10790	11250	11250	11800	12270	13220
		MAXIMUM (Nm)	10670	11860	11860	12380	12380	12980	13490	14530
	SPECIAL CLEARANCE	MINIMUM (Nm)	8750	9720	9720	10130	10130	10620	11050	11900
		OPTIMUM (Nm)	9710	10790	10790	11250	11250	11800	12270	13220
MAXIMUM (Nm)		10670	11860	11860	12380	12380	12980	13490	14530	

CONNECTION	COLLAPSE RESISTANCE (MPa)		60.5	88.0	88.0	99.0	104.5	121.0	137.5	165.0
	INTERNAL YIELD PRESSURE (MPa)		58.0	84.4	84.4	94.9	100.2	116.0	131.8	158.2
	MAXIMUM LOAD OF REG. COUPLING FACE (kN)		798	1161	1161	1306	1379	1596	1814	2177
	MAXIMUM LOAD OF S.C. COUPLING FACE (kN)		383	557	557	626	661	765	870	1044
	PARTING LOAD (kN)									
	REGULAR COUPLING O.D.		2216	2333	2216	2333	2449	2916	3149	3732
	SPECIAL CLEARANCE COUPLING O.D.		1534	1615	1534	1615	1696	2019	2180	2584
			OUTSIDE DIA.(mm)	INSIDE DIA.(mm)	WEIGHT (kg)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (m³)	
	REGULAR COUPLING		W	141.91	109.55	8.80		88		0.03778
	SPECIAL CLEARANCE COUPLING		Wc	136.91	109.55	6.32		61		0.03746
LENGTH OF COUPLING (mm)		NL	288.47							
MAKE UP LOSS (mm)		ML	119.99							

The above information is for reference only. The information is subject to change or modification without notice. Please contact HSC for the latest information