

# TECHNICAL INFORMATION

# CASING

SIZE:	127.00 mm
NOMINAL WEIGHT:	34.53 kg/m
WALL THICKNESS:	12.14 mm
THREADS PER INCH:	5



<b>P I P E  B O D Y</b>	OUTSIDE DIA.(mm)D	127.00	INSIDE DIA.(mm) d	102.72	DRIFT DIA. (mm)			99.54	PLAIN END WT (kg/m)		34.35
	GRADE		K55	N80	L80	C90	C95	P110	Q125	150	
	COLLAPSE RESISTANCE (MPa)		65.6	95.4	95.4	107.3	113.3	131.1	149.0	178.8	
	INTERNAL YIELD PRESSURE (MPa)		63.4	92.3	92.3	103.8	109.6	126.9	144.2	173.0	
	BODY YIELD STRENGTH (kN)		1661	2416	2416	2719	2870	3323	3776	4531	
	ULTIMATE STRENGTH (kN)		2870	3021	2870	3021	3172	3776	4078	4833	
	YIELD TORQUE (Nm)		50380	73270	73270	82430	87010	100750	114490	137390	

RECOMMENDED MAKEUP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0										
<b>M A K E  U P</b>	REGULAR	MINIMUM (Nm)	9270	10130	10130	10620	10620	11050	11470	12410
		OPTIMUM (Nm)	10290	11250	11250	11800	11800	12270	12740	13760
		MAXIMUM (Nm)	11310	12380	12380	12980	12980	13490	14020	15120
	SPECIAL CLEARANCE	MINIMUM (Nm)	9270	10130	10130	10620	10620	11050	11470	12410
		OPTIMUM (Nm)	10290	11250	11250	11800	11800	12270	12740	13760
		MAXIMUM (Nm)	11310	12380	12380	12980	12980	13490	14020	15120

<b>C O N N E C T I O N</b>	COLLAPSE RESISTANCE (MPa)		65.6	95.4	95.4	107.3	113.3	131.1	149.0	178.8	
	INTERNAL YIELD PRESSURE (MPa)		63.4	92.3	92.3	103.8	109.6	126.9	144.2	173.0	
	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	
	<b>PARTING LOAD (kN)</b>										
	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		81		0.04084	
	SPECIAL CLEARANCE COUPLING		Wc	136.91	109.55	6.32		56		0.04052	
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