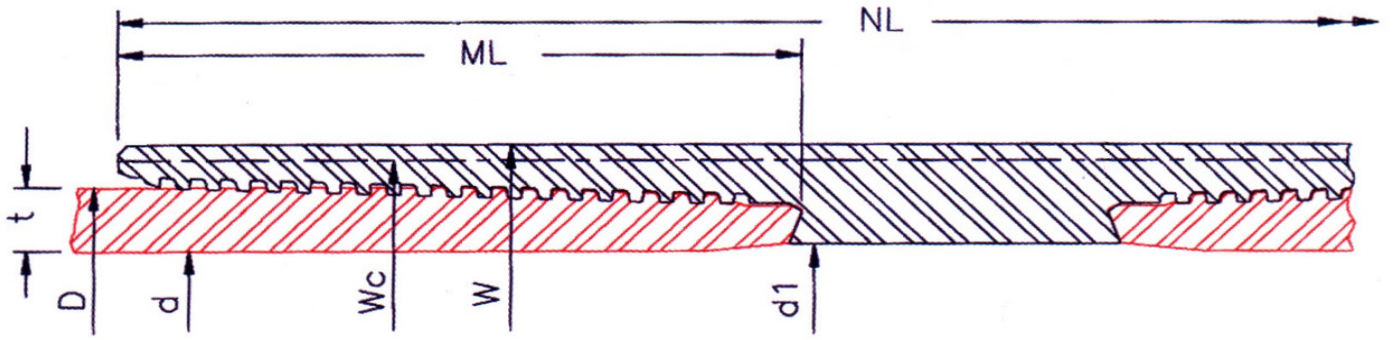
TECHNICAL INFORMATION

TUBING

SIZE:	**114.30mm (4 1/2")**
NOMINAL WEIGHT:	**22.47 kg/m (15.10 lb/ft)**
WALL THICKNESS:	**8.56mm (0.337")**
THREADS PER INCH:	**6**



PIPE BODY	OUTSIDE DIA. (mm)	D	114.3	INSIDE DIA. (mm)		d	97.18	DRIFT DIA. (mm)	94.01	PLAIN END WT (kg/m)		22.29
	GRADE			55	N80	80	90	95	C110	110	C125	125	140	150
	COLLAPSE RESISTANCE (MPa)			52.5	76.4	76.4	84.3	88	98.9	98.9	109.1	109.1	118.8	124.8
	INTERNAL YIELD PRESSURE (MPa)			49.7	72.3	72.3	81.3	85.8	99.4	99.4	112.9	112.9	126.5	135.5
	BODY YIELD STRENGTH (kN)			1078	1568	1568	1764	1862	2157	2157	2451	2451	2745	2941
	ULTIMATE STRENGTH (kN)			1862	1961	1862	1961	2059	2255	2451	2549	2647	2941	3137
	YIELD TORQUE (N.m)			30650	44580	44580	50150	52940	61300	61300	69660	69660	78020	83590
MAKE UP	RECOMMENDED MAKEUP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0													
	REGULAR (N.m)	MINIMUM		5120	7080	7080	8120	8120	9270	9270	10130	10130	11050	11900
		OPTIMUM		5690	7850	7850	9020	9020	10290	10290	11250	11250	12270	13220
		MAXIMUM		6260	8620	8620	9910	9910	11310	11310	12380	12380	13490	14530
	SPECIAL CLEARANCE (N.m)	MINIMUM		4560	6300	6300	7230	7230	8260	8260	9000	9000	9830	10590
		OPTIMUM		5120	7080	7080	8120	8120	9270	9270	10130	10130	11050	11900
		MAXIMUM		5690	7850	7850	9020	9020	10290	10290	11250	11250	12270	13220
CONNECTION	COLLAPSE RESISTANCE (MPa)			52.5	76.4	76.4	84.3	88	98.9	98.9	109.1	109.1	118.8	124.8
	INTERNAL YIELD PRESSURE (MPa)			49.7	72.3	72.3	81.3	85.8	99.4	99.4	112.9	112.9	126.5	135.5
	MAXIMUM LOAD OF COUPLING FACE (kN)	REGULAR		675	982	982	1105	1167	1351	1351	1535	1535	1719	1842
		S.C.		451	656	656	738	779	902	902	1025	1025	1148	1230
				PARTING LOAD (kN)										
	REGULAR COUPLING			1625	1783	1708	1817	1909	2111	2263	2388	2464	2742	2927
	S.C. COUPLING			1464	1541	1464	1541	1618	1772	1926	2003	2080	2311	2465

		OUTSIDE DIA. (mm)	INSIDE DIA. (mm)	WEIGHT (kg)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (m^3)
COUPLING OUTSIDE DIAMETER	W	127.25	100.15	6.06	104	0.02656
	Wc	124.26	100.15	4.90	83	0.02641
COUPLING LENGTH (mm)	NL	249.43	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	100.81				