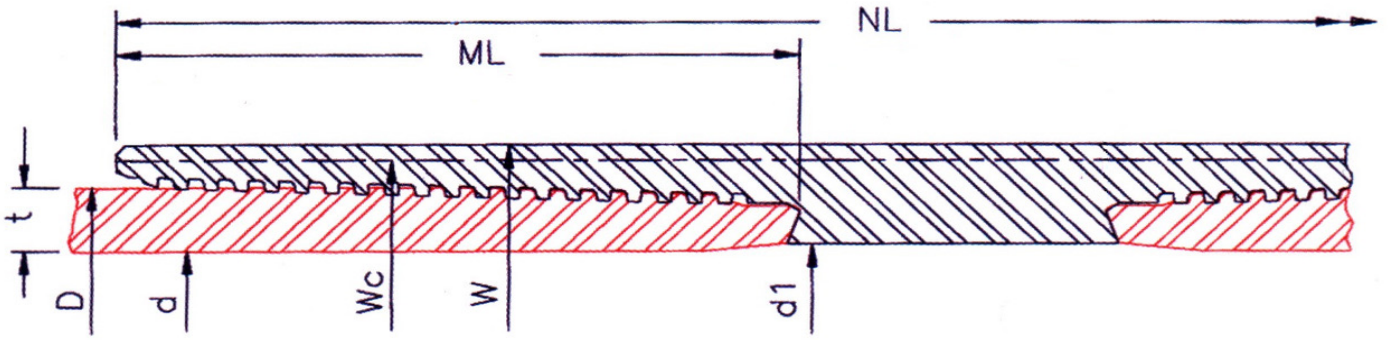
TECHNICAL INFORMATION

TUBING

SIZE:	**114.30mm (4 1/2")**
NOMINAL WEIGHT:	**20.09 kg/m (13.50 lb/ft)**
WALL THICKNESS:	**7.37mm (0.290")**
THREADS PER INCH:	**6**



PIPE BODY	OUTSIDE DIA. (mm)	D	114.3	INSIDE DIA. (mm)		d	99.57	DRIFT DIA. (mm)		96.39	PLAIN END WT (kg/m)		19.41
	GRADE			55	N80	80	90	95	C110	110	C125	125	140	150
	COLLAPSE RESISTANCE (MPa)			44.3	58.9	58.9	64.1	66.6	73.7	73.7	80	80	85.5	88.8
	INTERNAL YIELD PRESSURE (MPa)			42.8	62.2	62.2	70	73.9	85.5	85.5	97.2	97.2	108.9	116.6
	BODY YIELD STRENGTH (kN)			938	1365	1365	1536	1621	1877	1877	2133	2133	2389	2559
	ULTIMATE STRENGTH (kN)			1621	1706	1621	1706	1791	1962	2133	2218	2303	2559	2730
	YIELD TORQUE (N.m)			27230	39610	39610	44560	47030	54460	54460	61880	61880	69310	74260
MAKE UP	RECOMMENDED MAKEUP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0													
	REGULAR (N.m)	MINIMUM		4510	6010	6010	6890	6890	7780	7780	8570	8570	9720	10130
		OPTIMUM		5000	6670	6670	7650	7650	8640	8640	9520	9520	10790	11250
		MAXIMUM		5490	7330	7330	8410	8410	9490	9490	10470	10470	11860	12380
	SPECIAL CLEARANCE (N.m)	MINIMUM		4030	5340	5340	6130	6130	6930	6930	7620	7620	8650	9000
		OPTIMUM		4510	6010	6010	6890	6890	7780	7780	8570	8570	9720	10130
		MAXIMUM		5000	6670	6670	7650	7650	8640	8640	9520	9520	10790	11250
CONNECTION	COLLAPSE RESISTANCE (MPa)			44.3	58.9	58.9	64.1	66.6	73.7	73.7	80	80	85.5	88.8
	INTERNAL YIELD PRESSURE (MPa)			42.8	62.2	62.2	70	73.9	85.5	85.5	97.2	97.2	108.9	116.6
	MAXIMUM LOAD OF COUPLING FACE (kN)	REGULAR		581	846	846	952	1004	1163	1163	1322	1322	1480	1586
		S.C.		304	441	441	497	524	607	607	690	690	773	828
				PARTING LOAD (kN)										
	REGULAR COUPLING			1414	1552	1486	1581	1661	1837	1969	2078	2144	2386	2547
	S.C. COUPLING			1222	1286	1222	1286	1351	1479	1608	1672	1736	1929	2058

		OUTSIDE DIA. (mm)	INSIDE DIA. (mm)	WEIGHT (kg)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (m^3)
COUPLING OUTSIDE DIAMETER	W	126.01	101.45	5.49	109	0.02314
	Wc	122.25	101.45	4.06	79	0.02296
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				