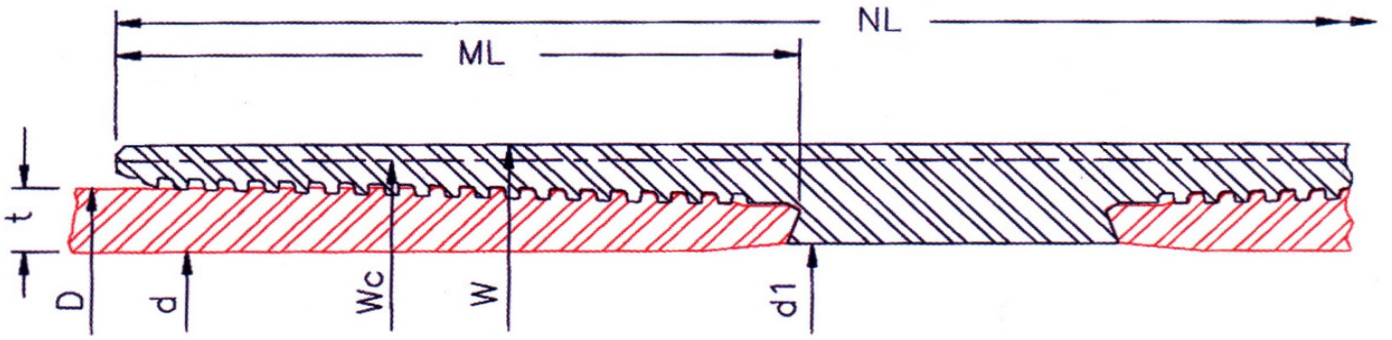
TECHNICAL INFORMATION

TUBING

SIZE:	**114.30mm (4 1/2")**
NOMINAL WEIGHT:	**17.26 kg/m (11.60 lb/ft)**
WALL THICKNESS:	**6.35mm (0.250")**
THREADS PER INCH:	**6**



PIPE BODY	OUTSIDE DIA. (mm)	D	114.3	INSIDE DIA. (mm)		d	101.6	DRIFT DIA. (mm)		98.42	PLAIN END WT (kg/m)		16.89
	GRADE			55	N80	80	90	95	C110	110	C125	125	140	150
	COLLAPSE RESISTANCE (MPa)			34.2	43.8	43.8	47	48.4	52.2	52.2	55.2	55.2	57.2	58.1
	INTERNAL YIELD PRESSURE (MPa)			36.9	53.6	53.6	60.3	63.7	73.7	73.7	83.8	83.8	93.8	100.5
	BODY YIELD STRENGTH (kN)			817	1188	1188	1336	1411	1633	1633	1856	1856	2079	2227
	ULTIMATE STRENGTH (kN)			1411	1485	1411	1485	1559	1708	1856	1930	2004	2227	2376
	YIELD TORQUE (N.m)			24120	35080	35080	39470	41660	48240	48240	54810	54810	61390	65780
MAKE UP	RECOMMENDED MAKEUP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0													
	REGULAR (N.m)	MINIMUM		4240	5650	5650	6540	6540	7320	7320	8220	8220	8830	9720
		OPTIMUM		4700	6280	6280	7250	7250	8130	8130	9120	9120	9800	10790
		MAXIMUM		5170	6900	6900	7970	7970	8950	8950	10030	10030	10780	11860
	SPECIAL CLEARANCE (N.m)	MINIMUM		3780	5030	5030	5820	5820	6510	6510	7310	7310	7850	8650
		OPTIMUM		4240	5650	5650	6540	6540	7320	7320	8220	8220	8830	9720
		MAXIMUM		4700	6280	6280	7250	7250	8130	8130	9120	9120	9800	10790
CONNECTION	COLLAPSE RESISTANCE (MPa)			34.2	43.8	43.8	47	48.4	52.2	52.2	55.2	55.2	57.2	58.1
	INTERNAL YIELD PRESSURE (MPa)			36.9	53.6	53.6	60.3	63.7	73.7	73.7	83.8	83.8	93.8	100.5
	MAXIMUM LOAD OF COUPLING FACE (kN)	REGULAR		395	574	574	646	682	789	789	897	897	1004	1076
		S.C.		304	441	441	497	524	607	607	690	690	773	828
				PARTING LOAD (kN)										
	REGULAR COUPLING			1230	1351	1293	1376	1446	1599	1714	1809	1866	2076	2216
	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	123.49	101.45	4.53	102	0.02010
	Wc	122.25	101.45	4.06	91	0.02004
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				