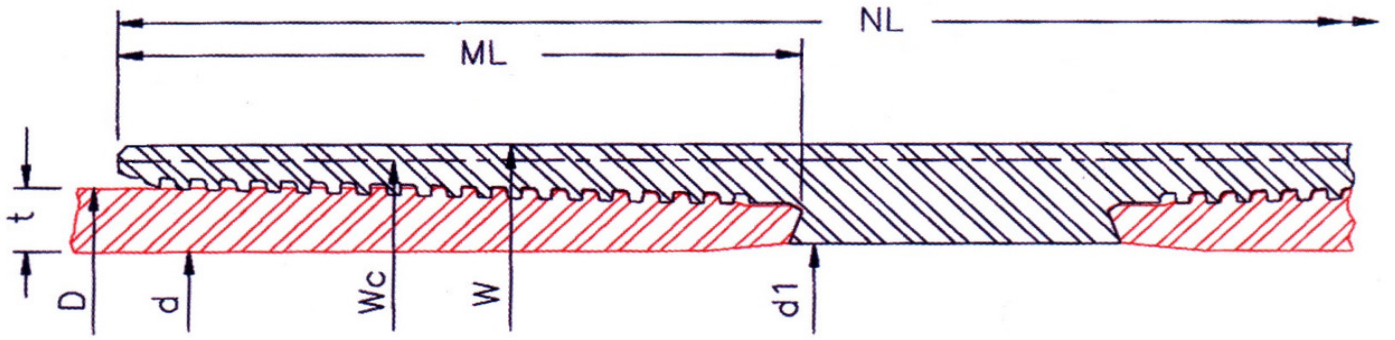
TECHNICAL INFORMATION

TUBING

SIZE:	**114.30mm (4 1/2")**
NOMINAL WEIGHT:	**15.63 kg/m (10.50 lb/ft)**
WALL THICKNESS:	**5.69mm (0.224")**
THREADS PER INCH:	**6**



PIPE BODY	OUTSIDE DIA. (mm)	D	114.3	INSIDE DIA. (mm)		d	102.92	DRIFT DIA. (mm)		99.75	PLAIN END WT (kg/m)		15.22
	GRADE			55	N80	80	90	95	C110	110	C125	125	140	150
	COLLAPSE RESISTANCE (MPa)			27.6	34	34	35.9	36.6	38.3	38.3	40.1	40.1	42.1	43
	INTERNAL YIELD PRESSURE (MPa)			33	48	48	54.1	57.1	66.1	66.1	75.1	75.1	84.1	90.1
	BODY YIELD STRENGTH (kN)			736	1071	1071	1205	1272	1472	1472	1673	1673	1874	2008
	ULTIMATE STRENGTH (kN)			1272	1339	1272	1339	1405	1539	1673	1740	1807	2008	2142
	YIELD TORQUE (N.m)			21990	31990	31990	35990	37990	43990	43990	49980	49980	55980	59980
MAKE UP	RECOMMENDED MAKEUP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0													
	REGULAR (N.m)	MINIMUM		4150	5480	5480	6360	6360	7160	7160	8040	8040	8660	9270
		OPTIMUM		4610	6070	6070	7060	7060	7950	7950	8920	8920	9610	10290
		MAXIMUM		5070	6670	6670	7770	7770	8730	8730	9800	9800	10560	11310
	SPECIAL CLEARANCE (N.m)	MINIMUM		3690	4880	4880	5650	5650	6370	6370	7160	7160	7710	8260
		OPTIMUM		4150	5480	5480	6360	6360	7160	7160	8040	8040	8660	9270
		MAXIMUM		4610	6070	6070	7060	7060	7950	7950	8920	8920	9610	10290
CONNECTION	COLLAPSE RESISTANCE (MPa)			27.6	34	34	35.9	36.6	38.3	38.3	40.1	40.1	42.1	43
	INTERNAL YIELD PRESSURE (MPa)			33	48	48	54.1	57.1	66.1	66.1	75.1	75.1	84.1	90.1
	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			1109	1218	1166	1240	1303	1441	1545	1631	1682	1872	1998
	S.C. COUPLING			1109	1218	1166	1240	1303	1441	1545	1631	1682	1872	1998

		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	114	0.01817
	Wc	122.25	101.45	4.06	101	0.01811
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				