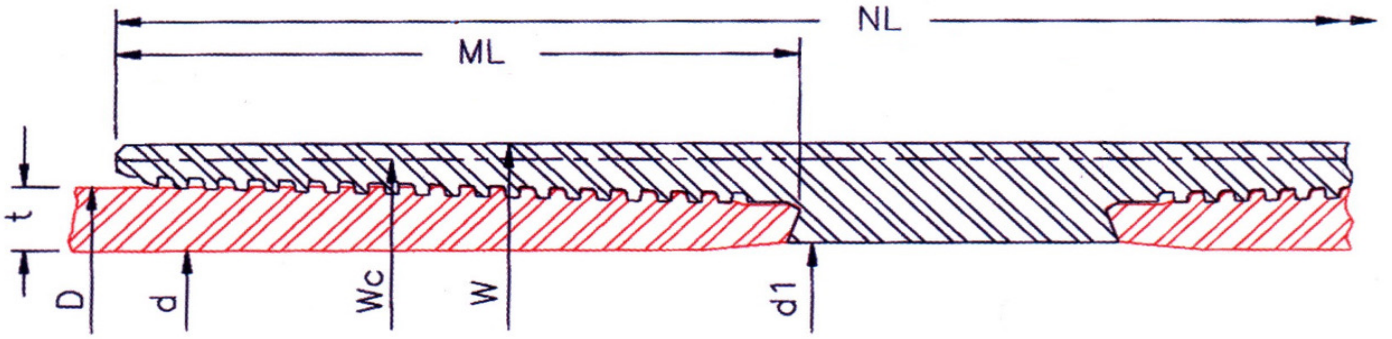
TECHNICAL INFORMATION

TUBING

SIZE:	3 1/2" (88.90mm)
NOMINAL WEIGHT:	13.70 lb/ft (20.39 kg/m)
WALL THICKNESS:	0.413" (10.49mm)
THREADS PER INCH:	6



PIPE BODY	OUTSIDE DIA. (in)	D	3.5	INSIDE DIA. (in)		d	2.674	DRIFT DIA. (in)	2.549	PLAIN END WT (lb/ft)		13.62
	GRADE			55	N80	80	90	95	C110	110	C125	125	140	150
	COLLAPSE RESISTANCE (psi)			11450	16650	16650	18730	19770	22900	22900	26020	26020	29140	31220
	INTERNAL YIELD PRESSURE (psi)			11360	16520	16520	18580	19620	22720	22720	25810	25810	28910	30980
	BODY YIELD STRENGTH (kips)			220	320	320	360	381	441	441	501	501	561	601
	ULTIMATE STRENGTH (kips)			381	401	381	401	421	461	501	521	541	601	641
	YIELD TORQUE (ft.lb)			14690	21360	21360	24030	25370	29370	29370	33380	33380	37390	40060
MAKE UP	RECOMMENDED MAKEUP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0													
	REGULAR (ft.lb)	MINIMUM		3330	4500	4500	5220	5220	5930	5930	6840	6840	7470	7840
		OPTIMUM		3690	4990	4990	5790	5790	6580	6580	7590	7590	8300	8710
		MAXIMUM		4050	5480	5480	6360	6360	7230	7230	8340	8340	9130	9580
	SPECIAL CLEARANCE (ft.lb)	MINIMUM		3000	4050	4050	4700	4700	5340	5340	6160	6160	6640	6970
		OPTIMUM		3320	4490	4490	5210	5210	5920	5920	6830	6830	7470	7840
		MAXIMUM		3650	4930	4930	5720	5720	6510	6510	7510	7510	8300	8710
CONNECTION	COLLAPSE RESISTANCE (psi)			11450	16650	16650	18730	19770	22900	22900	26020	26020	29140	31220
	INTERNAL YIELD PRESSURE (psi)			11360	16520	16520	18580	19620	22720	22720	25810	25810	28910	30980
	MAXIMUM LOAD OF COUPLING FACE (kips)	REGULAR		165	241	241	271	286	331	331	376	376	421	451
		S.C.		133	193	193	217	229	265	265	301	301	337	362
				PARTING LOAD (kips)										
	REGULAR COUPLING			339	369	352	374	393	433	466	490	507	563	601
	S.C. COUPLING			323	340	323	340	357	392	426	443	460	511	545

		OUTSIDE DIA. (in)	INSIDE DIA. (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (in^3)
COUPLING OUTSIDE DIAMETER	W	4.138	2.844	11.22	104	1471
	Wc	4.045	2.844	9.79	89	1466
COUPLING LENGTH (in)	NL	8.440	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 (in)	ML	3.274				