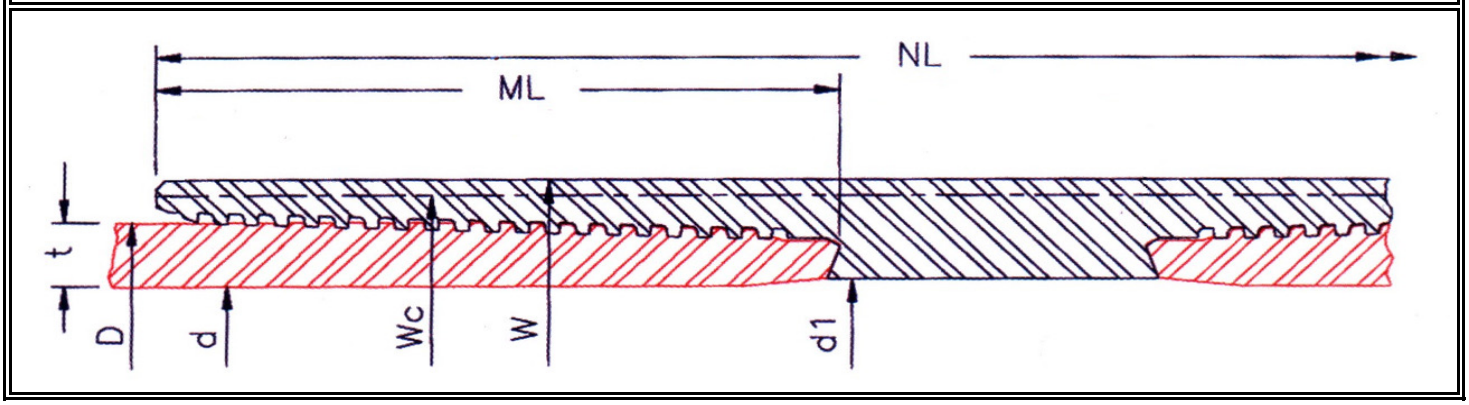
TECHNICAL INFORMATION

TUBING

SIZE:	4" (101.60mm)
NOMINAL WEIGHT:	13.20 lb/ft (19.64 kg/m)
WALL THICKNESS:	0.330" (8.38mm)
THREADS PER INCH:	6



PIPE BODY	OUTSIDE DIA. (in)	D	4	INSIDE DIA. (in)		d	3.34	DRIFT DIA. (in)	3.215	PLAIN END WT (lb/ft)		12.93
	GRADE			55	N80	80	90	95	C110	110	C125	125	140	150
	COLLAPSE RESISTANCE (psi)			8330	12110	12110	13620	14380	16650	16650	18910	18910	20740	21910
	INTERNAL YIELD PRESSURE (psi)			7940	11550	11550	12990	13720	15880	15880	18050	18050	20210	21660
	BODY YIELD STRENGTH (kips)			209	304	304	342	361	419	419	476	476	533	571
	ULTIMATE STRENGTH (kips)			361	380	361	380	400	438	476	495	514	571	609
	YIELD TORQUE (ft.lb)			17090	24860	24860	27960	29520	34180	34180	38840	38840	43500	46600
MAKE UP	RECOMMENDED MAKEUP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0													
	REGULAR (ft.lb)	MINIMUM		3130	4300	4300	4950	4950	5600	5600	6320	6320	6840	7470
		OPTIMUM		3470	4770	4770	5500	5500	6220	6220	7020	7020	7590	8300
		MAXIMUM		3810	5240	5240	6050	6050	6840	6840	7720	7720	8340	9130
	SPECIAL CLEARANCE (ft.lb)	MINIMUM		2790	3830	3830	4400	4400	4980	4980	5620	5620	6090	6640
		OPTIMUM		3130	4300	4300	4950	4950	5600	5600	6320	6320	6840	7470
		MAXIMUM		3470	4770	4770	5500	5500	6220	6220	7020	7020	7590	8300
CONNECTION	COLLAPSE RESISTANCE (psi)			8330	12110	12110	13620	14380	16650	16650	18910	18910	20740	21910
	INTERNAL YIELD PRESSURE (psi)			7940	11550	11550	12990	13720	15880	15880	18050	18050	20210	21660
	MAXIMUM LOAD OF COUPLING FACE (kips)	REGULAR		140	204	204	229	242	280	280	318	318	356	382
		S.C.		81	118	118	132	140	162	162	184	184	206	221
				PARTING LOAD (kips)										
	REGULAR COUPLING			319	348	333	354	372	411	441	465	480	534	570
	S.C. COUPLING			263	276	263	276	290	318	345	359	373	414	442

		OUTSIDE DIA. (in)	INSIDE DIA. (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (in^3)
COUPLING OUTSIDE DIAMETER	W	4.52	3.466	10.96	105	1398
	Wc	4.366	3.466	8.24	76	1389
COUPLING LENGTH (in)	NL	8.950	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	3.528				