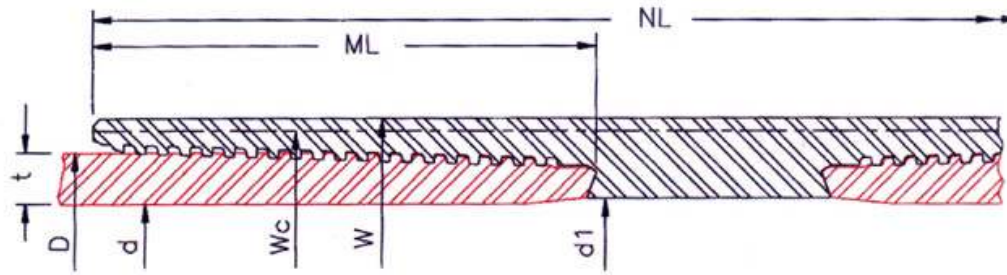


TECHNICAL INFORMATION

TUBING

SIZE:	4 "
NOMINAL WEIGHT:	9.50 lb/ft
WALL THICKNESS:	0.226 "
THREADS PER INCH:	6



PIPE BODY	OUTSIDE DIA.(in)D	4.000	INSIDE DIA.(in) d	3.548	DRIFT DIA. (in)			3.423	PLAIN END WT (lb/ft)		9.11
	GRADE		K55	N80	L80	C90	C95	P110	Q125	150	
	COLLAPSE RESISTANCE (psi)		5110	6590	6590	7080	7310	7910	8390	8900	
	INTERNAL YIELD PRESSURE (psi)		5440	7910	7910	8900	9390	10880	12360	14830	
	BODY YIELD STRENGTH (kips)		147	214	214	241	255	295	335	402	
	ULTIMATE STRENGTH (kips)		255	268	255	268	281	335	362	429	
	YIELD TORQUE (ft/lb)		12700	18400	18400	20700	21900	25300	28800	34600	

RECOMMENDED MAKEUP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0										
MAKEUP	REGULAR	MINIMUM (ft/lb)	2610	3590	3590	4170	4170	4690	5220	6120
		OPTIMUM (ft/lb)	2890	3980	3980	4630	4630	5210	5790	6800
		MAXIMUM (ft/lb)	3170	4370	4370	5090	5090	5730	6360	7480
	SPECIAL CLEARANCE	MINIMUM (ft/lb)	2350	3230	3230	3750	3750	4220	4700	5510
		OPTIMUM (ft/lb)	2600	3580	3580	4170	4170	4690	5210	6120
		MAXIMUM (ft/lb)	2850	3930	3930	4580	4580	5160	5720	6730

CONNECTION	COLLAPSE RESISTANCE (psi)		5110	6590	6590	7080	7310	7910	8390	8900
	INTERNAL YIELD PRESSURE (psi)		5440	7910	7910	8900	9390	10880	12360	14830
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)		74	108	108	121	128	148	168	202
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)		31	45	45	51	54	62	71	85
	PARTING LOAD (kips)									
	REGULAR COUPLING O.D.		224	245	235	249	262	311	338	401
	SPECIAL CLEARANCE COUPLING O.D.		181	190	181	190	200	238	257	305
			OUTSIDE DIA.(in)	INSIDE DIA.(in)	WEIGHT (lb)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (in ³)	
	REGULAR COUPLING		W	4.348	3.502	7.99		104		986
	SPECIAL CLEARANCE COUPLING		Wc	4.232	3.502	6.01		75		979
LENGTH OF COUPLING (in)		NL	8.955							
MAKE UP LOSS (in)		ML	3.528							

The above information is for reference only. The information is subject to change or modification without notice. Please contact HSC for the latest information