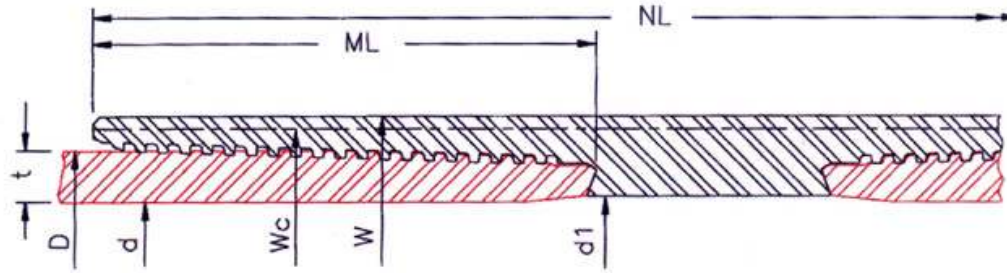


TECHNICAL INFORMATION

TUBING

SIZE:	4 "
NOMINAL WEIGHT:	10.90 lb/ft
WALL THICKNESS:	0.262 "
THREADS PER INCH:	6



PIPE BODY	OUTSIDE DIA.(in)D	4.000	INSIDE DIA.(in) d	3.476	DRIFT DIA. (in)			3.351	PLAIN END WT (lb/ft)		10.46
	GRADE		K55	N80	L80	C90	C95	P110	Q125	150	
	COLLAPSE RESISTANCE (psi)		6590	8800	8800	9600	9980	11060	12030	13400	
	INTERNAL YIELD PRESSURE (psi)		6300	9170	9170	10320	10890	12610	14330	17190	
	BODY YIELD STRENGTH (kips)		169	246	246	277	292	338	385	462	
	ULTIMATE STRENGTH (kips)		292	308	292	308	323	385	415	492	
	YIELD TORQUE (ft/lb)		14300	20800	20800	23400	24700	28600	32500	39000	

MAKEUP	RECOMMENDED MAKEUP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0									
	REGULAR	MINIMUM (ft/lb)	2740	3710	3710	4300	4300	4880	5400	6320
		OPTIMUM (ft/lb)	3040	4120	4120	4770	4770	5420	6000	7020
		MAXIMUM (ft/lb)	3340	4530	4530	5240	5240	5960	6600	7720
	SPECIAL CLEARANCE	MINIMUM (ft/lb)	2440	3300	3300	3830	3830	4340	4800	5620
		OPTIMUM (ft/lb)	2740	3710	3710	4300	4300	4880	5400	6320
MAXIMUM (ft/lb)		3040	4120	4120	4770	4770	5420	6000	7020	

CONNECTION	COLLAPSE RESISTANCE (psi)		6590	8800	8800	9600	9980	11060	12030	13400
	INTERNAL YIELD PRESSURE (psi)		6300	9170	9170	10320	10890	12610	14330	17190
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)		96	140	140	158	167	193	219	263
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)		66	96	96	108	114	132	151	181
	PARTING LOAD (kips)									
	REGULAR COUPLING O.D.		258	282	269	286	301	357	388	461
	SPECIAL CLEARANCE COUPLING O.D.		238	251	238	251	264	314	339	402
			OUTSIDE DIA.(in)	INSIDE DIA.(in)	WEIGHT (lb)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (in ³)	
	REGULAR COUPLING		W	4.407	3.502	9.03		104		1132
	SPECIAL CLEARANCE COUPLING		Wc	4.327	3.502	7.63		86		1127
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