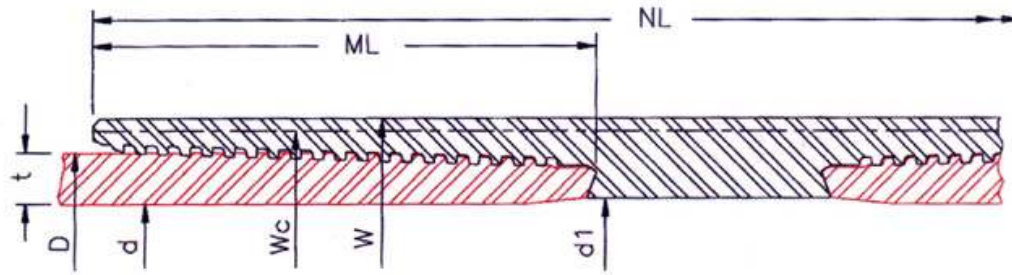


# TECHNICAL INFORMATION

# TUBING

SIZE:	4 "
NOMINAL WEIGHT:	14.80 lb/ft
WALL THICKNESS:	0.380 "
THREADS PER INCH:	6



<b>P I P E  B O D Y</b>	OUTSIDE DIA.(in)D	4.000	INSIDE DIA.(in) d	3.240	DRIFT DIA. (in)			3.115	PLAIN END WT (lb/ft)		14.69
	GRADE		K55	N80	L80	C90	C95	P110	Q125	150	
	COLLAPSE RESISTANCE (psi)		9460	13760	13760	15480	16340	18910	21490	25790	
	INTERNAL YIELD PRESSURE (psi)		9140	13300	13300	14960	15790	18290	20780	24940	
	BODY YIELD STRENGTH (kips)		238	346	346	389	411	475	540	648	
	ULTIMATE STRENGTH (kips)		411	432	411	432	454	540	583	691	
	YIELD TORQUE (ft/lb)		18900	27500	27500	31000	32700	37900	43000	51700	

<b>M A K E  U P</b>	RECOMMENDED MAKEUP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0									
	REGULAR	MINIMUM (ft/lb)	3910	5400	5400	6250	6250	7170	8150	9630
		OPTIMUM (ft/lb)	4340	6000	6000	6940	6940	7960	9050	10700
		MAXIMUM (ft/lb)	4770	6600	6600	7630	7630	8750	9950	11770
	SPECIAL CLEARANCE	MINIMUM (ft/lb)	3520	4860	4860	5630	5630	6450	7340	8560
		OPTIMUM (ft/lb)	3910	5400	5400	6250	6250	7160	8150	9630
MAXIMUM (ft/lb)		4290	5940	5940	6870	6870	7880	8960	10700	

<b>C O N N E C T I O N</b>	COLLAPSE RESISTANCE (psi)		9460	13760	13760	15480	16340	18910	21490	25790
	INTERNAL YIELD PRESSURE (psi)		9140	13300	13300	14960	15790	18290	20780	24940
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)		174	253	253	285	300	348	395	474
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)		120	175	175	197	208	240	273	328
	PARTING LOAD (kips)									
	REGULAR COUPLING O.D.		362	395	378	402	422	501	545	647
	SPECIAL CLEARANCE COUPLING O.D.		327	344	327	344	361	430	465	551
			OUTSIDE DIA.(in)	INSIDE DIA.(in)	WEIGHT (lb)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (in <sup>3</sup> )	
	REGULAR COUPLING		W	4.606	3.356	12.98		106		1591
	SPECIAL CLEARANCE COUPLING		Wc	4.469	3.356	10.49		84		1582
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