

# TECHNICAL INFORMATION

# CASING

SIZE:	5 "
NOMINAL WEIGHT:	23.20 lb/ft
WALL THICKNESS:	0.478 "
THREADS PER INCH:	5



<b>P I P E  B O D Y</b>	OUTSIDE DIA.(in)D	5.000	INSIDE DIA.(in) d	4.044	DRIFT DIA. (in)			PLAIN END WT (lb/ft)		
	GRADE		K55	N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)		9510	13830	13830	15560	16430	19020	21620	25940
	INTERNAL YIELD PRESSURE (psi)		9200	13380	13380	15060	15890	18400	20910	25100
	BODY YIELD STRENGTH (kips)		373	543	543	611	645	747	849	1019
	ULTIMATE STRENGTH (kips)		645	679	645	679	713	849	917	1086
	YIELD TORQUE (ft/lb)		37200	54000	54000	60800	64200	74300	84400	101300

<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)	6840	7470	7470	7830	7830	8150	8460	9150
		OPTIMUM (ft/lb)	7590	8300	8300	8700	8700	9050	9400	10150
		MAXIMUM (ft/lb)	8340	9130	9130	9570	9570	9950	10340	11150
	SPECIAL CLEARANCE	MINIMUM (ft/lb)	6840	7470	7470	7830	7830	8150	8460	9150
		OPTIMUM (ft/lb)	7590	8300	8300	8700	8700	9050	9400	10150
MAXIMUM (ft/lb)		8340	9130	9130	9570	9570	9950	10340	11150	

<b>C O N N E C T I O N</b>	COLLAPSE RESISTANCE (psi)		9510	13830	13830	15560	16430	19020	21620	25940
	INTERNAL YIELD PRESSURE (psi)		9200	13380	13380	15060	15890	18400	20910	25100
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)		179	261	261	294	310	359	408	489
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)		86	125	125	141	149	172	195	235
	PARTING LOAD (kips)									
	REGULAR COUPLING O.D.		498	524	498	524	551	655	708	839
	SPECIAL CLEARANCE COUPLING O.D.		345	363	345	363	381	454	490	581
			OUTSIDE DIA.(in)	INSIDE DIA.(in)	WEIGHT (lb)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (in <sup>2</sup> )	
	REGULAR COUPLING		W	5.587	4.313	19.41		81		2492
	SPECIAL CLEARANCE COUPLING		Wc	5.390	4.313	13.94		56		2473
LENGTH OF COUPLING (in)		NL	11.357							
MAKE UP LOSS (in)		ML	4.724							

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