

# TECHNICAL INFORMATION

# CASING

SIZE:	5 1/2 "
NOMINAL WEIGHT:	17.00 lb/ft
WALL THICKNESS:	0.304 "
THREADS PER INCH:	5



<b>P I P E  B O D Y</b>	OUTSIDE DIA.(in)D	5.500	INSIDE DIA.(in) d	4.892	DRIFT DIA. (in)			PLAIN END WT (lb/ft)			16.87
	GRADE		K55	N80	L80	C90	C95	P110	Q125	150	
	COLLAPSE RESISTANCE (psi)		4910	6290	6290	6740	6940	7480	7890	8290	
	INTERNAL YIELD PRESSURE (psi)		5320	7740	7740	8710	9190	10640	12090	14510	
	BODY YIELD STRENGTH (kips)		273	397	397	447	471	546	620	744	
	ULTIMATE STRENGTH (kips)		471	496	471	496	521	620	670	794	
	YIELD TORQUE (ft/lb)		32300	47000	47000	52900	55900	64700	73500	88200	

<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)	4560	4950	4950	5220	5220	5480	5740	6190	
		OPTIMUM (ft/lb)	5060	5500	5500	5790	5790	6080	6370	6870	
		MAXIMUM (ft/lb)	5560	6050	6050	6360	6360	6680	7000	7550	
	SPECIAL CLEARANCE	MINIMUM (ft/lb)	4560	4950	4950	5220	5220	5480	5740	6190	
		OPTIMUM (ft/lb)	5060	5500	5500	5790	5790	6080	6370	6870	
MAXIMUM (ft/lb)		5560	6050	6050	6360	6360	6680	7000	7550		

<b>C O N N E C T I O N</b>	COLLAPSE RESISTANCE (psi)		4910	6290	6290	6740	6940	7480	7890	8290	
	INTERNAL YIELD PRESSURE (psi)		5320	7740	7740	8710	9190	10640	12090	14510	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)		192	279	279	314	331	383	436	523	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)		96	140	140	157	166	192	218	262	
	PARTING LOAD (kips)										
	REGULAR COUPLING O.D.		402	446	428	456	480	568	620	736	
	SPECIAL CLEARANCE COUPLING O.D.		384	404	384	404	424	505	545	646	
			OUTSIDE DIA.(in)	INSIDE DIA.(in)	WEIGHT (lb)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (in <sup>2</sup> )		
	REGULAR COUPLING		W	6.075	4.951	20.75		121		1845	
	SPECIAL CLEARANCE COUPLING		Wc	5.890	4.951	15.04		86		1825	
LENGTH OF COUPLING (in)		NL	11.593		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	4.850								