

# TECHNICAL INFORMATION

# CASING

SIZE:	7 5/8 "
NOMINAL WEIGHT:	42.80 lb/ft
WALL THICKNESS:	0.562 "
THREADS PER INCH:	5



<b>P I P E  B O D Y</b>	OUTSIDE DIA.(in)D	7.625	INSIDE DIA.(in) d	6.501	DRIFT DIA. (in)			PLAIN END WT (lb/ft)			42.39
	GRADE		K55	N80	L80	C90	C95	P110	Q125	150	
	COLLAPSE RESISTANCE (psi)		7510	10810	10810	11890	12410	13930	15350	17510	
	INTERNAL YIELD PRESSURE (psi)		7090	10320	10320	11610	12250	14190	16120	19350	
	BODY YIELD STRENGTH (kips)		686	998	998	1122	1185	1372	1559	1871	
	ULTIMATE STRENGTH (kips)		1185	1247	1185	1247	1309	1559	1683	1995	
	YIELD TORQUE (ft/lb)		108600	158000	158000	177800	187600	217300	246900	296300	

<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)	10850	12100	12100	12700	12700	13700	14400	14400	
		OPTIMUM (ft/lb)	11950	13400	13400	14100	14100	15200	15900	15900	
		MAXIMUM (ft/lb)	13050	14700	14700	15500	15500	16700	17400	17400	
	SPECIAL CLEARANCE	MINIMUM (ft/lb)	10850	12100	12100	12700	12700	13700	14400	14400	
		OPTIMUM (ft/lb)	11950	13400	13400	14100	14100	15200	15900	15900	
MAXIMUM (ft/lb)		13050	14700	14700	15500	15500	16700	17400	17400		

<b>C O N N E C T I O N</b>	COLLAPSE RESISTANCE (psi)		7510	10810	10810	11890	12410	13930	15350	17510	
	INTERNAL YIELD PRESSURE (psi)		7090	10320	10320	11610	12250	14190	16120	19350	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)		493	717	717	807	852	986	1121	1345	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)		215	313	313	352	372	431	489	587	
	PARTING LOAD (kips)										
	REGULAR COUPLING O.D.		963	1093	1053	1129	1187	1402	1536	1827	
	SPECIAL CLEARANCE COUPLING O.D.		713	750	713	750	788	938	1013	1201	
			OUTSIDE DIA.(in)	INSIDE DIA.(in)	WEIGHT (lb)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (in <sup>2</sup> )		
	REGULAR COUPLING		W	8.528	6.939	63.56		104		4610	
	SPECIAL CLEARANCE COUPLING		Wc	8.142	6.939	45.38		63		4546	
LENGTH OF COUPLING (in)		NL	12.695		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	5.406								