

# TECHNICAL INFORMATION

# CASING

SIZE:	7 "
NOMINAL WEIGHT:	35.00 lb/ft
WALL THICKNESS:	0.498 "
THREADS PER INCH:	5



<b>P I P E  B O D Y</b>	OUTSIDE DIA.(in)D	7.000	INSIDE DIA.(in) d		6.004	DRIFT DIA. (in)			5.879	PLAIN END WT (lb/ft)		34.58
	GRADE		K55	N80	L80	C90	C95	P110	Q125	150		
	COLLAPSE RESISTANCE (psi)		7270	10180	10180	11170	11650	13030	14310	16230		
	INTERNAL YIELD PRESSURE (psi)		6850	9960	9960	11200	11830	13700	15560	18680		
	BODY YIELD STRENGTH (kips)		559	814	814	916	966	1119	1272	1526		
	ULTIMATE STRENGTH (kips)		966	1017	966	1017	1068	1272	1373	1628		
	YIELD TORQUE (ft/lb)		81800	118900	118900	133800	141200	163500	185800	223000		

<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)	8460	9500	9500	10100	10100	10850	11450	12450	
		OPTIMUM (ft/lb)	9400	10500	10500	11200	11200	11950	12650	13750	
		MAXIMUM (ft/lb)	10340	11500	11500	12300	12300	13050	13850	15050	
	SPECIAL CLEARANCE	MINIMUM (ft/lb)	8460	9500	9500	10100	10100	10850	11450	12450	
		OPTIMUM (ft/lb)	9400	10500	10500	11200	11200	11950	12650	13750	
MAXIMUM (ft/lb)		10340	11500	11500	12300	12300	13050	13850	15050		

<b>C O N N E C T I O N</b>	COLLAPSE RESISTANCE (psi)		7270	10180	10180	11170	11650	13030	14310	16230	
	INTERNAL YIELD PRESSURE (psi)		6850	9960	9960	11200	11830	13700	15560	18680	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)		311	452	452	509	537	622	707	848	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)		122	177	177	199	210	243	276	332	
	PARTING LOAD (kips)										
	REGULAR COUPLING O.D.		797	863	820	863	906	1079	1165	1381	
	SPECIAL CLEARANCE COUPLING O.D.		509	536	509	536	563	670	723	857	
			OUTSIDE DIA.(in)	INSIDE DIA.(in)	WEIGHT (lb)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (in <sup>3</sup> )		
	REGULAR COUPLING		W	7.681	6.340	33.14		89		3743	
	SPECIAL CLEARANCE COUPLING		Wc	7.390	6.340	21.10		55		3701	
LENGTH OF COUPLING (in)		NL	12.341								
MAKE UP LOSS (in)		ML	5.228								

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