

# TECHNICAL INFORMATION

# CASING

SIZE:	7 "
NOMINAL WEIGHT:	38.00 lb/ft
WALL THICKNESS:	0.540 "
THREADS PER INCH:	5



<b>P I P E  B O D Y</b>	OUTSIDE DIA.(in)D	7.000	INSIDE DIA.(in) d	5.920	DRIFT DIA. (in)		5.795	PLAIN END WT (lb/ft)		37.26
	GRADE		K55	N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)		7830	11390	11390	12810	13430	15130	16740	19230
	INTERNAL YIELD PRESSURE (psi)		7420	10800	10800	12150	12820	14850	16880	20250
	BODY YIELD STRENGTH (kips)		603	877	877	986	1041	1206	1370	1644
	ULTIMATE STRENGTH (kips)		1041	1096	1041	1096	1151	1370	1479	1753
	YIELD TORQUE (ft/lb)		87000	126600	126600	142400	150400	174100	197800	237400

<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)	8780	10100	10100	10450	10450	11100	11700	13050
		OPTIMUM (ft/lb)	9750	11200	11200	11550	11550	12300	13000	14450
		MAXIMUM (ft/lb)	10720	12300	12300	12650	12650	13500	14300	15850
	SPECIAL CLEARANCE	MINIMUM (ft/lb)	8780	10100	10100	10450	10450	11100	11700	13050
		OPTIMUM (ft/lb)	9750	11200	11200	11550	11550	12300	13000	14450
MAXIMUM (ft/lb)		10720	12300	12300	12650	12650	13500	14300	15850	

<b>C O N N E C T I O N</b>	COLLAPSE RESISTANCE (psi)		7830	11390	11390	12810	13430	15130	16740	19230
	INTERNAL YIELD PRESSURE (psi)		7420	10800	10800	12150	12820	14850	16880	20250
	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.		820	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>2</sup> )	
	REGULAR COUPLING		W	7.681	6.340	33.14		83		4021
	SPECIAL CLEARANCE COUPLING		Wc	7.390	6.340	21.10		52		3979
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