

# TECHNICAL INFORMATION

# CASING

SIZE:	10 3/4 "
NOMINAL WEIGHT:	45.50 lb/ft
WALL THICKNESS:	0.400 "
THREADS PER INCH:	5



<b>P I P E  B O D Y</b>	OUTSIDE DIA.(in)D	10.750	INSIDE DIA.(in) d		9.950	DRIFT DIA. (in)			9.794	PLAIN END WT (lb/ft)		44.22
	GRADE		K55	N80	L80	C90	C95	P110	Q125	150		
	COLLAPSE RESISTANCE (psi)		2090	2470	2470	2560	2580	2610	2610	2610		
	INTERNAL YIELD PRESSURE (psi)		3580	5210	5210	5860	6190	7160	8140	9770		
	BODY YIELD STRENGTH (kips)		715	1040	1040	1171	1236	1431	1626	1951		
	ULTIMATE STRENGTH (kips)		1236	1301	1236	1301	1366	1626	1756	2081		
	YIELD TORQUE (ft/lb)		171700	249800	249800	281000	296600	343500	390300	468400		

RECOMMENDED MAKEUP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0										
<b>M A K E  U P</b>	REGULAR	MINIMUM (ft/lb)	10450	12700	12700	13700	13700	14400	14400	14400
		OPTIMUM (ft/lb)	11550	14100	14100	15200	15200	15900	15900	15900
		MAXIMUM (ft/lb)	12650	15500	15500	16700	16700	17400	17400	17400
	SPECIAL CLEARANCE	MINIMUM (ft/lb)	10450	12700	12700	13700	13700	14400	14400	14400
		OPTIMUM (ft/lb)	11550	14100	14100	15200	15200	15900	15900	15900
		MAXIMUM (ft/lb)	12650	15500	15500	16700	16700	17400	17400	17400

<b>C O N N E C T I O N</b>	COLLAPSE RESISTANCE (psi)		2090	2470	2470	2560	2580	2610	2610	2610
	INTERNAL YIELD PRESSURE (psi)		3580	5210	5210	5860	6190	7160	8140	9770
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)		800	1164	1164	1309	1382	1600	1819	2182
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)		299	434	434	489	516	597	679	814
	PARTING LOAD (kips)									
	REGULAR COUPLING O.D.		931	1097	1063	1149	1209	1423	1570	1870
	SPECIAL CLEARANCE COUPLING O.D.		931	1060	1007	1060	1113	1325	1431	1696
			OUTSIDE DIA.(in)	INSIDE DIA.(in)	WEIGHT (lb)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (in <sup>2</sup> )	
	REGULAR COUPLING		W	11.772	10.110	76.35		156		4909
	SPECIAL CLEARANCE COUPLING		Wc	11.268	10.110	42.53		86		4789
	LENGTH OF COUPLING (in)		NL	13.089						
MAKE UP LOSS (in)		ML	5.589							

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