

# TECHNICAL INFORMATION

# CASING

SIZE:	10 3/4 "
NOMINAL WEIGHT:	55.50 lb/ft
WALL THICKNESS:	0.495 "
THREADS PER INCH:	5



<b>P I P E  B O D Y</b>	OUTSIDE DIA.(in)D	10.750	INSIDE DIA.(in) d		9.760	DRIFT DIA. (in)			9.604	PLAIN END WT (lb/ft)		54.21
	GRADE		K55	N80	L80	C90	C95	P110	Q125	150		
	COLLAPSE RESISTANCE (psi)		3390	4020	4020	4160	4290	4610	4840	5030		
	INTERNAL YIELD PRESSURE (psi)		4430	6450	6450	7250	7660	8860	10070	12090		
	BODY YIELD STRENGTH (kips)		877	1276	1276	1435	1515	1754	1993	2392		
	ULTIMATE STRENGTH (kips)		1515	1595	1515	1595	1674	1993	2153	2552		
	YIELD TORQUE (ft/lb)		206900	300900	300900	338600	357400	413800	470200	564300		

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)	11700	13700	13700	14400	14400	14400	14400	14400
		OPTIMUM (ft/lb)	13000	15200	15200	15900	15900	15900	15900	15900
		MAXIMUM (ft/lb)	14300	16700	16700	17400	17400	17400	17400	17400
	SPECIAL CLEARANCE	MINIMUM (ft/lb)	11700	13700	13700	14400	14400	14400	14400	14400
		OPTIMUM (ft/lb)	13000	15200	15200	15900	15900	15900	15900	15900
		MAXIMUM (ft/lb)	14300	16700	16700	17400	17400	17400	17400	17400

<b>C O N N E C T I O N</b>	COLLAPSE RESISTANCE (psi)		3390	4020	4020	4160	4290	4610	4840	5030
	INTERNAL YIELD PRESSURE (psi)		4430	6450	6450	7250	7660	8860	10070	12090
	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.		1142	1345	1303	1409	1483	1745	1925	2293
	SPECIAL CLEARANCE COUPLING O.D.		1007	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	10.039	76.99		127		5958
	SPECIAL CLEARANCE COUPLING		Wc	11.268	10.039	43.17		70		5838
	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