

# TECHNICAL INFORMATION

# CASING

SIZE:	10 3/4 "
NOMINAL WEIGHT:	51.00 lb/ft
WALL THICKNESS:	0.450 "
THREADS PER INCH:	5



<b>P I P E  B O D Y</b>	OUTSIDE DIA.(in)D	10.750	INSIDE DIA.(in) d	9.850	DRIFT DIA. (in)					9.694	PLAIN END WT (lb/ft)	49.50
	GRADE		K55	N80	L80	C90	C95	P110	Q125	150		
	COLLAPSE RESISTANCE (psi)		2710	3210	3210	3400	3480	3660	3740	3750		
	INTERNAL YIELD PRESSURE (psi)		4030	5860	5860	6590	6960	8060	9160	10990		
	BODY YIELD STRENGTH (kips)		801	1165	1165	1311	1383	1602	1820	2184		
	ULTIMATE STRENGTH (kips)		1383	1456	1383	1456	1529	1820	1966	2330		
	YIELD TORQUE (ft/lb)		190500	277100	277100	311700	329000	381000	432900	519500		

<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)	11100	13050	13050	14400	14400	14400	14400	14400	14400	
		OPTIMUM (ft/lb)	12300	14450	14450	15900	15900	15900	15900	15900	15900	
		MAXIMUM (ft/lb)	13500	15850	15850	17400	17400	17400	17400	17400	17400	
	SPECIAL CLEARANCE	MINIMUM (ft/lb)	11100	13050	13050	14400	14400	14400	14400	14400	14400	
		OPTIMUM (ft/lb)	12300	14450	14450	15900	15900	15900	15900	15900	15900	
MAXIMUM (ft/lb)		13500	15850	15850	17400	17400	17400	17400	17400	17400		

<b>C O N N E C T I O N</b>	COLLAPSE RESISTANCE (psi)		2710	3210	3210	3400	3480	3660	3740	3750	
	INTERNAL YIELD PRESSURE (psi)		4030	5860	5860	6590	6960	8060	9160	10990	
	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.		1043	1228	1190	1287	1354	1594	1758	2094	
	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		139		5466	
	SPECIAL CLEARANCE COUPLING		Wc	11.268	10.039	43.17		77		5347	
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