

# TECHNICAL INFORMATION

# CASING

SIZE:	10 3/4 "
NOMINAL WEIGHT:	40.50 lb/ft
WALL THICKNESS:	0.350 "
THREADS PER INCH:	5



<b>P I P E  B O D Y</b>	OUTSIDE DIA.(in)D	10.750	INSIDE DIA.(in) d		10.050	DRIFT DIA. (in)			9.894	PLAIN END WT (lb/ft)		38.88
	GRADE		K55	N80	L80	C90	C95	P110	Q125	150		
	COLLAPSE RESISTANCE (psi)		1580	1730	1730	1730	1730	1730	1730	1730	1730	
	INTERNAL YIELD PRESSURE (psi)		3130	4560	4560	5130	5410	6270	7120	8550		
	BODY YIELD STRENGTH (kips)		629	915	915	1029	1086	1258	1429	1715		
	ULTIMATE STRENGTH (kips)		1086	1144	1086	1144	1201	1429	1544	1830		
	YIELD TORQUE (ft/lb)		152400	221700	221700	249400	263200	304800	346400	415600		

<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	10100	10100	11100	11100	12100	13050	14400	
		OPTIMUM (ft/lb)	9400	11200	11200	12300	12300	13400	14450	15900	
		MAXIMUM (ft/lb)	10340	12300	12300	13500	13500	14700	15850	17400	
	SPECIAL CLEARANCE	MINIMUM (ft/lb)	8460	10100	10100	11100	11100	12100	13050	14400	
		OPTIMUM (ft/lb)	9400	11200	11200	12300	12300	13400	14450	15900	
MAXIMUM (ft/lb)		10340	12300	12300	13500	13500	14700	15850	17400		

<b>C O N N E C T I O N</b>	COLLAPSE RESISTANCE (psi)		1580	1730	1730	1730	1730	1730	1730	1730	
	INTERNAL YIELD PRESSURE (psi)		3130	4560	4560	5130	5410	6270	7120	8550	
	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.		819	964	934	1010	1063	1251	1380	1644	
	SPECIAL CLEARANCE COUPLING O.D.		819	964	934	1010	1063	1251	1380	1644	
			OUTSIDE DIA.(in)	INSIDE DIA.(in)	WEIGHT (lb)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (in <sup>2</sup> )		
	REGULAR COUPLING		W	11.772	10.157	75.93		177		4347	
	SPECIAL CLEARANCE COUPLING		Wc	11.268	10.157	42.11		98		4227	
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