

# TECHNICAL INFORMATION

# CASING

SIZE:	13 3/8 "
NOMINAL WEIGHT:	80.70 lb/ft
WALL THICKNESS:	0.580 "
THREADS PER INCH:	5



<b>P I P E  B O D Y</b>	OUTSIDE DIA.(in)D	13.375	INSIDE DIA.(in) d		12.215	DRIFT DIA. (in)			12.059	PLAIN END WT (lb/ft)		79.26
	GRADE		K55	N80	L80	C90	C95	P110	Q125	150		
	COLLAPSE RESISTANCE (psi)		2950	3450	3450	3670	3770	4000	4140	4180		
	INTERNAL YIELD PRESSURE (psi)		4170	6070	6070	6830	7210	8350	9490	11380		
	BODY YIELD STRENGTH (kips)		1282	1865	1865	2098	2215	2565	2914	3497		
	ULTIMATE STRENGTH (kips)		2215	2331	2215	2331	2448	2914	3147	3730		
	YIELD TORQUE (ft/lb)		378300	550300	550300	619100	653500	756700	859900	1031800		

<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)	14400	14400	14400	14400	14400	14400	14400	14400	14400
		OPTIMUM (ft/lb)	15900	15900	15900	15900	15900	15900	15900	15900	15900
		MAXIMUM (ft/lb)	17400	17400	17400	17400	17400	17400	17400	17400	17400
	SPECIAL CLEARANCE	MINIMUM (ft/lb)	14400	14400	14400	14400	14400	14400	14400	14400	14400
		OPTIMUM (ft/lb)	15900	15900	15900	15900	15900	15900	15900	15900	15900
MAXIMUM (ft/lb)		17400	17400	17400	17400	17400	17400	17400	17400	17400	

<b>C O N N E C T I O N</b>	COLLAPSE RESISTANCE (psi)		2950	3450	3450	3670	3770	4000	4140	4180
	INTERNAL YIELD PRESSURE (psi)		4170	6070	6070	6830	7210	8350	9490	11380
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)		986	1435	1435	1614	1704	1973	2241	2690
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)		651	947	947	1065	1125	1302	1480	1776
	PARTING LOAD (kips)									
	REGULAR COUPLING O.D.		1559	1901	1852	2018	2125	2493	2765	3299
	SPECIAL CLEARANCE COUPLING O.D.		1559	1807	1717	1807	1897	2259	2440	2891
			OUTSIDE DIA.(in)	INSIDE DIA.(in)	WEIGHT (lb)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (in <sup>2</sup> )	
	REGULAR COUPLING		W	14.398	12.594	95.76		108		8649
	SPECIAL CLEARANCE COUPLING		Wc	14.126	12.594	73.16		82		8569
LENGTH OF COUPLING (in)		NL	13.089							
MAKE UP LOSS (in)		ML	5.642							

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