

# TECHNICAL INFORMATION

# CASING

SIZE:	13 3/8 "
NOMINAL WEIGHT:	77.00 lb/ft
WALL THICKNESS:	0.550 "
THREADS PER INCH:	5



<b>P I P E  B O D Y</b>	OUTSIDE DIA.(in)D	13.375	INSIDE DIA.(in) d		12.275	DRIFT DIA. (in)			12.119	PLAIN END WT (lb/ft)		75.33
	GRADE		K55	N80	L80	C90	C95	P110	Q125	150		
	COLLAPSE RESISTANCE (psi)		2580	3100	3100	3270	3340	3490	3550	3550		
	INTERNAL YIELD PRESSURE (psi)		3960	5760	5760	6480	6840	7920	9000	10790		
	BODY YIELD STRENGTH (kips)		1219	1773	1773	1994	2105	2438	2770	3324		
	ULTIMATE STRENGTH (kips)		2105	2216	2105	2216	2327	2770	2992	3546		
	YIELD TORQUE (ft/lb)		361200	525400	525400	591100	623900	722500	821000	985200		

<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)		2580	3100	3100	3270	3340	3490	3550	3550
	INTERNAL YIELD PRESSURE (psi)		3960	5760	5760	6480	6840	7920	9000	10790
	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.		1482	1806	1761	1918	2019	2370	2628	3136
	SPECIAL CLEARANCE COUPLING O.D.		1482	1806	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		113		8241
	SPECIAL CLEARANCE COUPLING		Wc	14.126	12.594	73.16		86		8161
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