

# TECHNICAL INFORMATION

# CASING

SIZE:	7 "
NOMINAL WEIGHT:	23.00 lb/ft
WALL THICKNESS:	0.317 "
THREADS PER INCH:	5



<b>P I P E  B O D Y</b>	OUTSIDE DIA.(in)D	7.000	INSIDE DIA.(in) d	6.366	DRIFT DIA. (in)					6.241	PLAIN END WT (lb/ft)		22.63
	GRADE			K55	N80	L80	C90	C95	P110	Q125	150		
	COLLAPSE RESISTANCE (psi)			3270	3830	3830	4020	4140	4430	4640	4780		
	INTERNAL YIELD PRESSURE (psi)			4360	6340	6340	7130	7530	8720	9910	11890		
	BODY YIELD STRENGTH (kips)			366	532	532	599	632	732	832	998		
	ULTIMATE STRENGTH (kips)			632	666	632	666	699	832	898	1065		
	YIELD TORQUE (ft/lb)			56300	81900	81900	92100	97300	112600	128000	153600		

<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)	5600	6320	6320	6840	6840	7170	7470	8460		
		OPTIMUM (ft/lb)	6220	7020	7020	7590	7590	7960	8300	9400		
		MAXIMUM (ft/lb)	6840	7720	7720	8340	8340	8750	9130	10340		
	SPECIAL CLEARANCE	MINIMUM (ft/lb)	5600	6320	6320	6840	6840	7170	7470	8460		
		OPTIMUM (ft/lb)	6220	7020	7020	7590	7590	7960	8300	9400		
MAXIMUM (ft/lb)		6840	7720	7720	8340	8340	8750	9130	10340			

<b>C O N N E C T I O N</b>	COLLAPSE RESISTANCE (psi)			3270	3830	3830	4020	4140	4430	4640	4780	
	INTERNAL YIELD PRESSURE (psi)			4360	6340	6340	7130	7530	8720	9910	11890	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)			311	452	452	509	537	622	707	848	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)			122	177	177	199	210	243	276	332	
	PARTING LOAD (kips)											
	REGULAR COUPLING O.D.			522	588	565	605	636	752	823	979	
	SPECIAL CLEARANCE COUPLING O.D.			509	536	509	536	563	670	723	857	
				OUTSIDE DIA.(in)	INSIDE DIA.(in)	WEIGHT (lb)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (in <sup>3</sup> )		
	REGULAR COUPLING			W	7.681	6.427	32.66		137		2491	
	SPECIAL CLEARANCE COUPLING			Wc	7.390	6.427	20.61		85		2448	
LENGTH OF COUPLING (in)			NL	12.341								
MAKE UP LOSS (in)			ML	5.228								

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