

TECHNICAL INFORMATION

CASING

SIZE:	5 "
NOMINAL WEIGHT:	13.00 lb/ft
WALL THICKNESS:	0.253 "
THREADS PER INCH:	5



P I P E B O D Y	OUTSIDE DIA.(in)D	5.000	INSIDE DIA.(in) d	4.494	DRIFT DIA. (in)			PLAIN END WT (lb/ft)		12.83
	GRADE		K55	N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)		4140	5140	5140	5430	5560	5840	6040	6510
	INTERNAL YIELD PRESSURE (psi)		4870	7080	7080	7970	8410	9740	11070	13280
	BODY YIELD STRENGTH (kips)		208	302	302	340	358	415	472	566
	ULTIMATE STRENGTH (kips)		358	377	358	377	396	472	509	604
	YIELD TORQUE (ft/lb)		22600	32800	32800	36900	39000	45100	51300	61500

M A K E U P	RECOMMENDED MAKEUP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0									
	REGULAR	MINIMUM (ft/lb)	3780	4110	4110	4370	4370	4560	4760	5140
		OPTIMUM (ft/lb)	4200	4560	4560	4850	4850	5060	5280	5710
		MAXIMUM (ft/lb)	4620	5010	5010	5330	5330	5560	5800	6280
	SPECIAL CLEARANCE	MINIMUM (ft/lb)	3780	4110	4110	4370	4370	4560	4760	5140
		OPTIMUM (ft/lb)	4200	4560	4560	4850	4850	5060	5280	5710
MAXIMUM (ft/lb)		4620	5010	5010	5330	5330	5560	5800	6280	

C O N N E C T I O N	COLLAPSE RESISTANCE (psi)		4140	5140	5140	5430	5560	5840	6040	6510
	INTERNAL YIELD PRESSURE (psi)		4870	7080	7080	7970	8410	9740	11070	13280
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)		179	261	261	294	310	359	408	489
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)		86	125	125	141	149	172	195	235
	PARTING LOAD (kips)									
	REGULAR COUPLING O.D.		309	341	327	348	366	434	473	562
	SPECIAL CLEARANCE COUPLING O.D.		309	341	327	348	366	434	473	562
			OUTSIDE DIA.(in)	INSIDE DIA.(in)	WEIGHT (lb)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (in ²)	
	REGULAR COUPLING		W	5.587	4.459	18.84		146		1414
	SPECIAL CLEARANCE COUPLING		Wc	5.390	4.459	13.37		101		1395
LENGTH OF COUPLING (in)		NL	11.357							
MAKE UP LOSS (in)		ML	4.724							

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