

TECHNICAL INFORMATION

CASING

SIZE:	7 "
NOMINAL WEIGHT:	29.00 lb/ft
WALL THICKNESS:	0.408 "
THREADS PER INCH:	5



P I P E B O D Y	OUTSIDE DIA.(in)D	7.000	INSIDE DIA.(in) d	6.184	DRIFT DIA. (in)			PLAIN END WT (lb/ft)			28.72
	GRADE		K55	N80	L80	C90	C95	P110	Q125	150	
	COLLAPSE RESISTANCE (psi)		5410	7030	7030	7580	7840	8530	9110	9790	
	INTERNAL YIELD PRESSURE (psi)		5610	8160	8160	9180	9690	11220	12750	15300	
	BODY YIELD STRENGTH (kips)		465	676	676	760	803	929	1056	1267	
	ULTIMATE STRENGTH (kips)		803	845	803	845	887	1056	1141	1352	
	YIELD TORQUE (ft/lb)		69700	101300	101300	114000	120300	139300	158300	190000	

M A K E U P	RECOMMENDED MAKEUP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0										
	REGULAR	MINIMUM (ft/lb)	7470	8460	8460	9150	9150	9850	10450	11450	
		OPTIMUM (ft/lb)	8300	9400	9400	10150	10150	10850	11550	12650	
		MAXIMUM (ft/lb)	9130	10340	10340	11150	11150	11850	12650	13850	
	SPECIAL CLEARANCE	MINIMUM (ft/lb)	7470	8460	8460	9150	9150	9850	10450	11450	
		OPTIMUM (ft/lb)	8300	9400	9400	10150	10150	10850	11550	12650	
MAXIMUM (ft/lb)		9130	10340	10340	11150	11150	11850	12650	13850		

C O N N E C T I O N	COLLAPSE RESISTANCE (psi)		5410	7030	7030	7580	7840	8530	9110	9790	
	INTERNAL YIELD PRESSURE (psi)		5610	8160	8160	9180	9690	11220	12750	15300	
	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.		662	746	718	768	808	955	1045	1243	
	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 ³)		
	REGULAR COUPLING		W	7.681	6.340	33.14		108		3133	
	SPECIAL CLEARANCE COUPLING		Wc	7.390	6.340	21.10		67		3090	
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