

TECHNICAL INFORMATION

CASING

SIZE:	7 5/8 "
NOMINAL WEIGHT:	29.70 lb/ft
WALL THICKNESS:	0.375 "
THREADS PER INCH:	5



P I P E B O D Y	OUTSIDE DIA.(in)D	7.625	INSIDE DIA.(in) d	6.875	DRIFT DIA. (in)			PLAIN END WT (lb/ft)			29.04
	GRADE		K55	N80	L80	C90	C95	P110	Q125	150	
	COLLAPSE RESISTANCE (psi)		3910	4790	4790	5030	5130	5350	5670	6050	
	INTERNAL YIELD PRESSURE (psi)		4730	6890	6890	7750	8180	9470	10760	12910	
	BODY YIELD STRENGTH (kips)		470	683	683	769	811	940	1068	1281	
	ULTIMATE STRENGTH (kips)		811	854	811	854	897	1068	1153	1367	
	YIELD TORQUE (ft/lb)		78100	113600	113600	127800	134900	156200	177500	213000	

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)		3910	4790	4790	5030	5130	5350	5670	6050	
	INTERNAL YIELD PRESSURE (psi)		4730	6890	6890	7750	8180	9470	10760	12910	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)		493	717	717	807	852	986	1121	1345	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)		215	313	313	352	372	431	489	587	
	PARTING LOAD (kips)										
	REGULAR COUPLING O.D.		660	749	721	773	813	960	1052	1252	
	SPECIAL CLEARANCE COUPLING O.D.		660	749	713	750	788	938	1013	1201	
			OUTSIDE DIA.(in)	INSIDE DIA.(in)	WEIGHT (lb)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (in ³)		
	REGULAR COUPLING		W	8.528	7.002	63.18		152		3215	
	SPECIAL CLEARANCE COUPLING		Wc	8.142	7.002	45.00		93		3151	
LENGTH OF COUPLING (in)		NL	12.695		The above information is for reference only. The information is subject to change or modification without notice. Please contact HSC for the latest information						
MAKE UP LOSS (in)		ML	5.406								