

TECHNICAL INFORMATION

CASING

SIZE:	7 5/8 "
NOMINAL WEIGHT:	33.70 lb/ft
WALL THICKNESS:	0.430 "
THREADS PER INCH:	5



P I P E B O D Y	OUTSIDE DIA.(in)D	7.625	INSIDE DIA.(in) d	6.765	DRIFT DIA. (in)					6.640	PLAIN END WT (lb/ft)		33.04
	GRADE			K55	N80	L80	C90	C95	P110	Q125	150		
	COLLAPSE RESISTANCE (psi)			5100	6560	6560	7050	7280	7870	8340	8850		
	INTERNAL YIELD PRESSURE (psi)			5430	7900	7900	8880	9380	10860	12340	14800		
	BODY YIELD STRENGTH (kips)			535	778	778	875	923	1069	1215	1458		
	ULTIMATE STRENGTH (kips)			923	972	923	972	1021	1215	1312	1555		
	YIELD TORQUE (ft/lb)			87600	127400	127400	143400	151300	175200	199100	239000		

RECOMMENDED MAKEUP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0										
M A K E U P	REGULAR	MINIMUM (ft/lb)	9150	10450	10450	11100	11100	12100	12700	14400
		OPTIMUM (ft/lb)	10150	11550	11550	12300	12300	13400	14100	15900
		MAXIMUM (ft/lb)	11150	12650	12650	13500	13500	14700	15500	17400
	SPECIAL CLEARANCE	MINIMUM (ft/lb)	9150	10450	10450	11100	11100	12100	12700	14400
		OPTIMUM (ft/lb)	10150	11550	11550	12300	12300	13400	14100	15900
		MAXIMUM (ft/lb)	11150	12650	12650	13500	13500	14700	15500	17400

C O N N E C T I O N	COLLAPSE RESISTANCE (psi)			5100	6560	6560	7050	7280	7870	8340	8850
	INTERNAL YIELD PRESSURE (psi)			5430	7900	7900	8880	9380	10860	12340	14800
	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.			751	852	820	880	925	1093	1197	1424
	SPECIAL CLEARANCE COUPLING O.D.			713	750	713	750	788	938	1013	1201
				OUTSIDE DIA.(in)	INSIDE DIA.(in)	WEIGHT (lb)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (in ²)	
	REGULAR COUPLING			W	8.528	6.939	63.56		133		3637
	SPECIAL CLEARANCE COUPLING			Wc	8.142	6.939	45.38		81		3573
	LENGTH OF COUPLING (in)			NL	12.695						
MAKE UP LOSS (in)			ML	5.406							

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