

# TECHNICAL INFORMATION

# CASING

SIZE:	5 1/2 "
NOMINAL WEIGHT:	15.50 lb/ft
WALL THICKNESS:	0.275 "
THREADS PER INCH:	5



<b>P I P E  B O D Y</b>	OUTSIDE DIA.(in)D	5.500	INSIDE DIA.(in) d	4.950	DRIFT DIA. (in)					4.825	PLAIN END WT (lb/ft)		15.35
	GRADE		K55	N80	L80	C90	C95	P110	Q125	150			
	COLLAPSE RESISTANCE (psi)		4040	4990	4990	5260	5380	5630	5880	6310			
	INTERNAL YIELD PRESSURE (psi)		4810	7000	7000	7880	8310	9620	10940	13120			
	BODY YIELD STRENGTH (kips)		248	361	361	406	429	497	564	677			
	ULTIMATE STRENGTH (kips)		429	451	429	451	474	564	609	722			
	YIELD TORQUE (ft/lb)		29700	43200	43200	48600	51300	59500	67600	81100			

<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)	4230	4630	4630	4880	4880	5140	5400	5860	
		OPTIMUM (ft/lb)	4700	5140	5140	5420	5420	5710	6000	6510	
		MAXIMUM (ft/lb)	5170	5650	5650	5960	5960	6280	6600	7160	
	SPECIAL CLEARANCE	MINIMUM (ft/lb)	4230	4630	4630	4880	4880	5140	5400	5860	
		OPTIMUM (ft/lb)	4700	5140	5140	5420	5420	5710	6000	6510	
MAXIMUM (ft/lb)		5170	5650	5650	5960	5960	6280	6600	7160		

<b>C O N N E C T I O N</b>	COLLAPSE RESISTANCE (psi)		4040	4990	4990	5260	5380	5630	5880	6310		
	INTERNAL YIELD PRESSURE (psi)		4810	7000	7000	7880	8310	9620	10940	13120		
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)		192	279	279	314	331	383	436	523		
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)		96	140	140	157	166	192	218	262		
	PARTING LOAD (kips)											
	REGULAR COUPLING O.D.		366	406	389	415	436	517	564	670		
	SPECIAL CLEARANCE COUPLING O.D.		366	404	384	404	424	505	545	646		
			OUTSIDE DIA.(in)	INSIDE DIA.(in)	WEIGHT (lb)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (in <sup>2</sup> )			
	REGULAR COUPLING		W	6.075	4.951	20.75		133		1686		
	SPECIAL CLEARANCE COUPLING		Wc	5.890	4.951	15.04		94		1665		
LENGTH OF COUPLING (in)		NL	11.593									
MAKE UP LOSS (in)		ML	4.850									

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