

TECHNICAL INFORMATION - HSC HICOM

CASING



SIZE: **5 1/2"**

NOMINAL WEIGHT: **17.00 lb/ft**

WALL THICKNESS: **0.304"**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (in)	D	5.500	INSIDE DIA. (in)	d	4.892	DRIFT DIA. (in)	4.767	PLAIN END WT (lb/ft)	16.87	
	GRADE				N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)				6290	6290	6740	6940	7480	7890	8290
	INTERNAL YIELD PRESSURE (psi)				7740	7740	8710	9190	10640	12090	14510
	BODY YIELD STRENGTH (kips)				397	397	447	471	546	620	744
	ULTIMATE STRENGTH (kips)				496	471	496	521	620	670	794
	NOMINAL CROSS-SECTIONAL AREA (sq-in)				4.962	4.962	4.962	4.962	4.962	4.962	4.962

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0										
	REGULAR	MINIMUM (ft.lb)			4770	4770	5080	5230	5690	6150	6910
		OPTIMUM (ft.lb)			5300	5300	5640	5810	6320	6830	7680
		MAXIMUM (ft.lb)			5830	5830	6200	6390	6950	7510	8450
	BODY YIELD TORQUE (ft.lb)			47040	47040	52920	55860	64680	73500	88200	
	SPECIAL CLEARANCE	MINIMUM (ft.lb)			4290	4290	4560	4710	5110	5530	6220
		OPTIMUM (ft.lb)			4770	4770	5070	5230	5680	6140	6910
		MAXIMUM (ft.lb)			5250	5250	5580	5750	6250	6750	7600

CONNECTION	COLLAPSE RESISTANCE (psi)				6290	6290	6740	6940	7480	7890	8290	
	COMPRESSION RESISTANCE (%)				100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)				100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)				7740	7740	8710	9190	10640	12090	14510	
	MAXIMUM BENDING ANGLE (° PER 100ft)				75	75	84	89	103	117	141	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)				5.066	5.066	5.066	5.066	5.066	5.066	5.066	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)				232	232	261	276	319	363	435	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)				106	106	119	125	145	165	198	
	PARTING LOAD (kips)											
	REGULAR COUPLING O.D.				446	428	456	480	568	620	736	
	SPECIAL CLEARANCE COUPLING O.D.				330	314	330	347	413	446	528	
				OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (in³)			
	REGULAR COUPLING			W	6.004	4.992	15.41	102		1828		
	SPECIAL CLEARANCE COUPLING			Wc	5.833	4.992	11.15	70		1813		
	LENGTH OF COUPLING (in)			NL	9.460		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	3.730								