

TECHNICAL INFORMATION - HSC HICOM

CASING



SIZE: **5"**

NOMINAL WEIGHT: **15.00 lb/ft**

WALL THICKNESS: **0.296"**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (in)	D	5.000	INSIDE DIA. (in)	d	4.408	DRIFT DIA. (in)	4.283	PLAIN END WT (lb/ft)	14.87		
	GRADE					N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)					7250	7250	7840	8110	8850	9480	10250
	INTERNAL YIELD PRESSURE (psi)					8290	8290	9320	9840	11400	12950	15540
	BODY YIELD STRENGTH (kips)					350	350	394	416	481	547	656
	ULTIMATE STRENGTH (kips)					437	416	437	459	547	591	700
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					4.374	4.374	4.374	4.374	4.374	4.374	4.374

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
	REGULAR	MINIMUM (ft.lb)				3990	3990	4230	4360	4720	5100	5720
		OPTIMUM (ft.lb)				4430	4430	4700	4840	5250	5670	6350
		MAXIMUM (ft.lb)				4870	4870	5170	5320	5780	6240	6980
	BODY YIELD TORQUE (ft.lb)				37400	37400	42080	44420	51430	58440	70130	
	SPECIAL CLEARANCE	MINIMUM (ft.lb)				3590	3590	3810	3920	4260	4590	5150
		OPTIMUM (ft.lb)				3990	3990	4230	4360	4730	5100	5720
		MAXIMUM (ft.lb)				4390	4390	4650	4800	5200	5610	6290

CONNECTION	COLLAPSE RESISTANCE (psi)					7250	7250	7840	8110	8850	9480	10250	
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)					8290	8290	9320	9840	11400	12950	15540	
	MAXIMUM BENDING ANGLE (° PER 100ft)					83	83	94	99	114	130	156	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					4.459	4.459	4.459	4.459	4.459	4.459	4.459	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					199	199	224	236	274	311	373	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					88	88	99	104	121	137	165	
	PARTING LOAD (kips)												
	REGULAR COUPLING O.D.					396	379	404	424	503	548	651	
	SPECIAL CLEARANCE COUPLING O.D.					291	276	291	305	363	392	465	
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (in³)				
	REGULAR COUPLING				W	5.485	4.508	13.54	102	1611			
	SPECIAL CLEARANCE COUPLING				Wc	5.320	4.508	9.79	70	1598			
	LENGTH OF COUPLING (in)				NL	9.460							
MAKE UP LOSS (in)				ML	3.730								
The above information is for reference only. The information is subject to change or modification without notice. Please contact HSC for the latest information													