

TECHNICAL INFORMATION - HSC HICOM

CASING



SIZE: **5 1/2"**

NOMINAL WEIGHT: **20.00 lb/ft**

WALL THICKNESS: **0.361"**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (in)	D	5.500	INSIDE DIA. (in)	d	4.778	DRIFT DIA. (in)	4.653	PLAIN END WT (lb/ft)	19.81		
	GRADE					N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)					8830	8830	9630	10010	11100	12080	13460
	INTERNAL YIELD PRESSURE (psi)					9190	9190	10340	10910	12640	14360	17230
	BODY YIELD STRENGTH (kips)					466	466	525	554	641	729	874
	ULTIMATE STRENGTH (kips)					583	554	583	612	729	787	933
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					5.828	5.828	5.828	5.828	5.828	5.828	5.828

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
	REGULAR	MINIMUM (ft.lb)				5780	5780	6100	6260	6760	7240	8060
		OPTIMUM (ft.lb)				6420	6420	6780	6960	7510	8050	8950
		MAXIMUM (ft.lb)				7060	7060	7460	7660	8260	8860	9850
	BODY YIELD TORQUE (ft.lb)				54120	54120	60890	64270	74420	84570	101480	
	SPECIAL CLEARANCE	MINIMUM (ft.lb)				5200	5200	5500	5640	6080	6520	7250
		OPTIMUM (ft.lb)				5780	5780	6110	6270	6760	7240	8060
		MAXIMUM (ft.lb)				6360	6360	6720	6900	7440	7960	8870

CONNECTION	COLLAPSE RESISTANCE (psi)					8830	8830	9630	10010	11100	12080	13460	
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)					9190	9190	10340	10910	12640	14360	17230	
	MAXIMUM BENDING ANGLE (° PER 100ft)					77	77	86	91	106	120	144	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					5.94	5.94	5.94	5.94	5.94	5.94	5.94	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					301	301	339	358	414	471	565	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					154	154	173	183	212	241	289	
	PARTING LOAD (kips)												
	REGULAR COUPLING O.D.					524	503	536	563	667	728	865	
	SPECIAL CLEARANCE COUPLING O.D.					388	369	388	407	485	524	621	
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (in³)				
	REGULAR COUPLING				W	6.096	4.878	18.27	102	2148			
	SPECIAL CLEARANCE COUPLING				Wc	5.899	4.878	13.30	70	2130			
	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													