

# TECHNICAL INFORMATION - HSC HICOM

# CASING



SIZE: **9 5/8"**

NOMINAL WEIGHT: **36.00 lb/ft**

WALL THICKNESS: **0.352"**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (in)	D	9.625	INSIDE DIA. (in)	d	8.921	DRIFT DIA. (in)	8.765	PLAIN END WT (lb/ft)	34.86		
	GRADE					N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)					2370	2370	2440	2460	2480	2480	2480
	INTERNAL YIELD PRESSURE (psi)					5120	5120	5760	6080	7040	8000	9600
	BODY YIELD STRENGTH (kips)					820	820	923	974	1128	1282	1538
	ULTIMATE STRENGTH (kips)					1025	974	1025	1077	1282	1384	1641
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					10.254	10.254	10.254	10.254	10.254	10.254	10.254

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0										
	REGULAR		MINIMUM (ft.lb)		5500	5500	5720	5840	6170	6520	7080
			OPTIMUM (ft.lb)		6110	6110	6360	6490	6860	7240	7870
			MAXIMUM (ft.lb)		6720	6720	7000	7140	7550	7960	8660
			BODY YIELD TORQUE (ft.lb)		176560	176560	198630	209670	242770	275880	331050
	SPECIAL CLEARANCE		MINIMUM (ft.lb)		4950	4950	5150	5260	5560	5870	6370
			OPTIMUM (ft.lb)		5500	5500	5720	5840	6180	6520	7080
			MAXIMUM (ft.lb)		6050	6050	6290	6420	6800	7170	7790

CONNECTION	COLLAPSE RESISTANCE (psi)					2370	2370	2440	2460	2480	2480	2480	
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)					5120	5120	5760	6080	7040	8000	9600	
	MAXIMUM BENDING ANGLE (° PER 100ft)					41	41	46	49	57	64	77	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					10.46	10.46	10.46	10.46	10.46	10.46	10.46	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					446	446	502	530	614	697	837	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					184	184	207	219	253	288	346	
						PARTING LOAD (kips)							
	REGULAR COUPLING O.D.					877	848	914	962	1133	1247	1485	
	SPECIAL CLEARANCE COUPLING O.D.					681	647	681	715	852	920	1090	
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (in³)				
	REGULAR COUPLING				W	10.168	9.021	36.83	102	3788			
	SPECIAL CLEARANCE COUPLING				Wc	9.960	9.021	25.78	70	3749			
	LENGTH OF COUPLING (in)				NL	11.860	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	4.930								

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