

# TECHNICAL INFORMATION - HSC HICOM

# CASING



SIZE: **9 5/8"**

NOMINAL WEIGHT: **43.50 lb/ft**

WALL THICKNESS: **0.435"**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (in)	D	9.625	INSIDE DIA. (in)	d	8.755	DRIFT DIA. (in)	8.599	PLAIN END WT (lb/ft)	42.69		
	GRADE					N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)					3810	3810	4000	4120	4410	4620	4750
	INTERNAL YIELD PRESSURE (psi)					6330	6330	7120	7510	8700	9890	11860
	BODY YIELD STRENGTH (kips)					1005	1005	1130	1193	1381	1570	1884
	ULTIMATE STRENGTH (kips)					1256	1193	1256	1319	1570	1695	2009
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					12.559	12.559	12.559	12.559	12.559	12.559	12.559

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
	REGULAR	MINIMUM (ft.lb)				8940	8940	9320	9520	10100	10670	11640
		OPTIMUM (ft.lb)				9930	9930	10360	10580	11220	11860	12930
		MAXIMUM (ft.lb)				10920	10920	11400	11640	12340	13050	14220
	BODY YIELD TORQUE (ft.lb)				212560	212560	239130	252410	292270	332120	398540	
	SPECIAL CLEARANCE	MINIMUM (ft.lb)				8050	8050	8400	8570	9090	9610	10480
		OPTIMUM (ft.lb)				8940	8940	9330	9520	10100	10680	11640
		MAXIMUM (ft.lb)				9830	9830	10260	10470	11110	11750	12800

CONNECTION	COLLAPSE RESISTANCE (psi)					3810	3810	4000	4120	4410	4620	4750	
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)					6330	6330	7120	7510	8700	9890	11860	
	MAXIMUM BENDING ANGLE (° PER 100ft)					42	42	47	50	58	65	79	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					12.809	12.809	12.809	12.809	12.809	12.809	12.809	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					634	634	713	752	871	990	1188	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					313	313	353	372	431	490	588	
	PARTING LOAD (kips)												
	REGULAR COUPLING O.D.					1074	1038	1119	1178	1388	1527	1818	
	SPECIAL CLEARANCE COUPLING O.D.					835	793	835	877	1044	1128	1336	
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (in³)				
	REGULAR COUPLING				W	10.314	8.855	46.08	102	4646			
	SPECIAL CLEARANCE COUPLING				Wc	10.063	8.855	32.58	70	4598			
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								