

# TECHNICAL INFORMATION - HSC HICOM

# CASING



SIZE: **9 7/8"**

NOMINAL WEIGHT: **62.80 lb/ft**

WALL THICKNESS: **0.625"**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (in)	D	9.875	INSIDE DIA. (in)	d	8.625	DRIFT DIA. (in)	8.469	PLAIN END WT (lb/ft)	61.74		
	GRADE					N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)					8260	8260	8980	9320	10280	11140	12300
	INTERNAL YIELD PRESSURE (psi)					8860	8860	9970	10520	12180	13850	16610
	BODY YIELD STRENGTH (kips)					1453	1453	1635	1725	1998	2270	2724
	ULTIMATE STRENGTH (kips)					1816	1725	1816	1907	2270	2452	2906
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					18.162	18.162	18.162	18.162	18.162	18.162	18.162

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0										
	REGULAR	MINIMUM (ft.lb)		15700	15700	16220	16480	17260	18050	19370	
		OPTIMUM (ft.lb)		17440	17440	18020	18310	19180	20060	21520	
		MAXIMUM (ft.lb)		19180	19180	19820	20140	21100	22070	23670	
		BODY YIELD TORQUE (ft.lb)		304240	304240	342270	361280	418330	475370	570450	
	SPECIAL CLEARANCE	MINIMUM (ft.lb)		14120	14120	14600	14830	15540	16240	17420	
		OPTIMUM (ft.lb)		15690	15690	16220	16480	17270	18050	19360	
		MAXIMUM (ft.lb)		17260	17260	17840	18130	19000	19860	21300	

CONNECTION	COLLAPSE RESISTANCE (psi)					8260	8260	8980	9320	10280	11140	12300	
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)					8860	8860	9970	10520	12180	13850	16610	
	MAXIMUM BENDING ANGLE (° PER 100ft)					43	43	48	50	58	66	80	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					18.523	18.523	18.523	18.523	18.523	18.523	18.523	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					1079	1079	1214	1281	1484	1686	2023	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					616	616	693	732	847	963	1156	
						PARTING LOAD (kips)							
	REGULAR COUPLING O.D.					1548	1498	1616	1700	2003	2205	2626	
	SPECIAL CLEARANCE COUPLING O.D.					1208	1148	1208	1269	1510	1631	1933	
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (in³)				
	REGULAR COUPLING				W	10.884	8.725	68.53	102	6730			
	SPECIAL CLEARANCE COUPLING				Wc	10.539	8.725	49.02	70	6661			
	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								