

TECHNICAL INFORMATION - HSC HICOM

CASING



SIZE: **9 7/8"**

NOMINAL WEIGHT: **66.90 lb/ft**

WALL THICKNESS: **0.668"**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (in)	D	9.875	INSIDE DIA. (in)	d	8.539	DRIFT DIA. (in)		8.383	PLAIN END WT (lb/ft)		65.68
	GRADE					N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)					9330	9330	10200	10620	11810	12900	14480
	INTERNAL YIELD PRESSURE (psi)					9470	9470	10650	11250	13020	14800	17760
	BODY YIELD STRENGTH (kips)					1546	1546	1739	1836	2125	2415	2898
	ULTIMATE STRENGTH (kips)					1932	1836	1932	2029	2415	2608	3091
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					19.322	19.322	19.322	19.322	19.322	19.322	19.322

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
	REGULAR		MINIMUM (ft.lb)		17060	17060	17600	17860	18660	19470	20800	
			OPTIMUM (ft.lb)		18950	18950	19550	19840	20730	21630	23110	
			MAXIMUM (ft.lb)		20840	20840	21500	21820	22800	23790	25420	
			BODY YIELD TORQUE (ft.lb)		320880	320880	360990	381040	441210	501370	601650	
	SPECIAL CLEARANCE		MINIMUM (ft.lb)		15350	15350	15830	16070	16790	17510	18720	
			OPTIMUM (ft.lb)		17060	17060	17590	17860	18660	19460	20800	
			MAXIMUM (ft.lb)		18770	18770	19350	19650	20530	21410	22880	

CONNECTION	COLLAPSE RESISTANCE (psi)					9330	9330	10200	10620	11810	12900	14480	
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)					9470	9470	10650	11250	13020	14800	17760	
	MAXIMUM BENDING ANGLE (° PER 100ft)					43	43	48	51	59	67	81	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					19.706	19.706	19.706	19.706	19.706	19.706	19.706	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					1173	1173	1320	1393	1613	1833	2200	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					681	681	766	809	937	1064	1277	
						PARTING LOAD (kips)							
	REGULAR COUPLING O.D.					1647	1593	1719	1808	2131	2346	2793	
	SPECIAL CLEARANCE COUPLING O.D.					1285	1221	1285	1350	1607	1735	2057	
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (in³)			
	REGULAR COUPLING				W	10.953	8.639	73.22	102		7161		
	SPECIAL CLEARANCE COUPLING				Wc	10.588	8.639	52.47	70		7088		
	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								