

TECHNICAL INFORMATION - HSC HICOM

CASING



SIZE: **9 7/8"**

NOMINAL WEIGHT: **68.90 lb/ft**

WALL THICKNESS: **0.700"**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (in)	D	9.875	INSIDE DIA. (in)	d	8.475	DRIFT DIA. (in)			8.319	PLAIN END WT (lb/ft)		68.59
	GRADE					N80	L80	C90	C95	P110	Q125	150	
	COLLAPSE RESISTANCE (psi)					10120	10120	11100	11570	12940	14200	16090	
	INTERNAL YIELD PRESSURE (psi)					9920	9920	11170	11790	13650	15510	18610	
	BODY YIELD STRENGTH (kips)					1614	1614	1816	1917	2219	2522	3027	
	ULTIMATE STRENGTH (kips)					2018	1917	2018	2119	2522	2724	3228	
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					20.177	20.177	20.177	20.177	20.177	20.177	20.177	

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0												
	REGULAR		MINIMUM (ft.lb)		18070	18070	18610	18880	19700	20510	21870		
			OPTIMUM (ft.lb)		20080	20080	20680	20980	21890	22790	24300		
			MAXIMUM (ft.lb)		22090	22090	22750	23080	24080	25070	26730		
			BODY YIELD TORQUE (ft.lb)		332940	332940	374560	395370	457790	520220	624270		
	SPECIAL CLEARANCE		MINIMUM (ft.lb)		16260	16260	16750	16990	17730	18460	19680		
			OPTIMUM (ft.lb)		18070	18070	18610	18880	19700	20510	21870		
			MAXIMUM (ft.lb)		19880	19880	20470	20770	21670	22560	24060		

CONNECTION	COLLAPSE RESISTANCE (psi)					10120	10120	11100	11570	12940	14200	16090	
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100		
	INTERNAL YIELD PRESSURE (psi)					9920	9920	11170	11790	13650	15510	18610	
	MAXIMUM BENDING ANGLE (° PER 100ft)					43	43	49	51	60	68	81	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					20.586	20.586	20.586	20.586	20.586	20.586	20.586	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					1243	1243	1399	1476	1710	1943	2331	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					729	729	820	866	1002	1139	1367	
						PARTING LOAD (kips)							
	REGULAR COUPLING O.D.					1720	1664	1795	1888	2225	2449	2917	
	SPECIAL CLEARANCE COUPLING O.D.					1342	1275	1342	1410	1678	1812	2148	
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (in³)			
	REGULAR COUPLING				W	11.004	8.575	76.7	102		7480		
	SPECIAL CLEARANCE COUPLING				Wc	10.624	8.575	55.02	70		7403		
	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								