

TECHNICAL INFORMATION - HSC HICOM

CASING



SIZE: **9 7/8"**

NOMINAL WEIGHT: **72.00 lb/ft**

WALL THICKNESS: **0.725"**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (in)	D	9.875	INSIDE DIA. (in)	d	8.425	DRIFT DIA. (in)			8.269	PLAIN END WT (lb/ft)		70.85
	GRADE					N80	L80	C90	C95	P110	Q125	150	
	COLLAPSE RESISTANCE (psi)					10740	10740	11810	12330	13830	15240	17370	
	INTERNAL YIELD PRESSURE (psi)					10280	10280	11560	12210	14130	16060	19270	
	BODY YIELD STRENGTH (kips)					1667	1667	1876	1980	2292	2605	3126	
	ULTIMATE STRENGTH (kips)					2084	1980	2084	2188	2605	2813	3334	
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					20.841	20.841	20.841	20.841	20.841	20.841	20.841	

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0												
	REGULAR		MINIMUM (ft.lb)		18860	18860	19410	19680	20510	21330	22710		
			OPTIMUM (ft.lb)		20960	20960	21570	21870	22790	23700	25230		
			MAXIMUM (ft.lb)		23060	23060	23730	24060	25070	26070	27750		
			BODY YIELD TORQUE (ft.lb)		342180	342180	384950	406330	470490	534650	641580		
	SPECIAL CLEARANCE		MINIMUM (ft.lb)		16970	16970	17470	17720	18460	19200	20430		
			OPTIMUM (ft.lb)		18860	18860	19410	19690	20510	21330	22700		
			MAXIMUM (ft.lb)		20750	20750	21350	21660	22560	23460	24970		

CONNECTION	COLLAPSE RESISTANCE (psi)					10740	10740	11810	12330	13830	15240	17370	
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)					10280	10280	11560	12210	14130	16060	19270	
	MAXIMUM BENDING ANGLE (° PER 100ft)					44	44	49	52	60	68	82	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					21.261	21.261	21.261	21.261	21.261	21.261	21.261	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					1297	1297	1459	1540	1784	2027	2432	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					765	765	860	908	1052	1195	1434	
						PARTING LOAD (kips)							
	REGULAR COUPLING O.D.					1777	1719	1854	1951	2298	2530	3013	
	SPECIAL CLEARANCE COUPLING O.D.					1385	1316	1385	1455	1732	1870	2216	
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (in³)			
	REGULAR COUPLING				W	11.043	8.525	79.39	102		7727		
	SPECIAL CLEARANCE COUPLING				Wc	10.651	8.525	56.94	70		7647		
	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								