

TECHNICAL INFORMATION - HSC HICOM

CASING



SIZE: **9 7/8"**

NOMINAL WEIGHT: **70.50 lb/ft**

WALL THICKNESS: **0.720"**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (in)	D	9.875	INSIDE DIA. (in)	d	8.435	DRIFT DIA. (in)			8.279	PLAIN END WT (lb/ft)		70.40
	GRADE					N80	L80	C90	C95	P110	Q125	150	
	COLLAPSE RESISTANCE (psi)					10610	10610	11660	12170	13640	15020	17100	
	INTERNAL YIELD PRESSURE (psi)					10210	10210	11480	12120	14040	15950	19140	
	BODY YIELD STRENGTH (kips)					1657	1657	1864	1967	2278	2589	3106	
	ULTIMATE STRENGTH (kips)					2071	1967	2071	2174	2589	2796	3313	
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					20.708	20.708	20.708	20.708	20.708	20.708	20.708	

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0												
	REGULAR		MINIMUM (ft.lb)		18700	18700	19250	19520	20350	21170	22540		
			OPTIMUM (ft.lb)		20780	20780	21390	21690	22610	23520	25040		
			MAXIMUM (ft.lb)		22860	22860	23530	23860	24870	25870	27540		
			BODY YIELD TORQUE (ft.lb)		340340	340340	382890	404160	467970	531790	638140		
	SPECIAL CLEARANCE		MINIMUM (ft.lb)		16830	16830	17320	17580	18320	19050	20290		
			OPTIMUM (ft.lb)		18700	18700	19250	19530	20350	21170	22540		
			MAXIMUM (ft.lb)		20570	20570	21180	21480	22380	23290	24790		

CONNECTION	COLLAPSE RESISTANCE (psi)					10610	10610	11660	12170	13640	15020	17100	
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)					10210	10210	11480	12120	14040	15950	19140	
	MAXIMUM BENDING ANGLE (° PER 100ft)					43	43	49	52	60	68	82	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					21.122	21.122	21.122	21.122	21.122	21.122	21.122	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					1286	1286	1447	1527	1768	2010	2412	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					758	758	853	900	1042	1185	1422	
						PARTING LOAD (kips)							
	REGULAR COUPLING O.D.					1765	1708	1842	1938	2284	2514	2994	
	SPECIAL CLEARANCE COUPLING O.D.					1377	1308	1377	1446	1722	1859	2204	
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (in³)			
	REGULAR COUPLING				W	11.035	8.535	78.84	102		7677		
	SPECIAL CLEARANCE COUPLING				Wc	10.646	8.535	56.58	70		7599		
	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								