

TECHNICAL INFORMATION - HSC HICOM

CASING



SIZE: **9 7/8"**

NOMINAL WEIGHT: **66.40 lb/ft**

WALL THICKNESS: **0.661"**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (in)	D	9.875	INSIDE DIA. (in)	d	8.553	DRIFT DIA. (in)				8.397	PLAIN END WT (lb/ft)		65.05
	GRADE					N80	L80	C90	C95	P110	Q125	150		
	COLLAPSE RESISTANCE (psi)					9150	9150	10000	10400	11560	12610	14120		
	INTERNAL YIELD PRESSURE (psi)					9370	9370	10540	11130	12890	14640	17570		
	BODY YIELD STRENGTH (kips)					1531	1531	1722	1818	2105	2392	2870		
	ULTIMATE STRENGTH (kips)					1913	1818	1913	2009	2392	2583	3061		
NOMINAL CROSS-SECTIONAL AREA (sq-in)					19.134	19.134	19.134	19.134	19.134	19.134	19.134			

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0												
	REGULAR		MINIMUM (ft.lb)		16830	16830	17370	17630	18430	19230	20560		
			OPTIMUM (ft.lb)		18700	18700	19300	19590	20480	21370	22850		
			MAXIMUM (ft.lb)		20570	20570	21230	21550	22530	23510	25140		
			BODY YIELD TORQUE (ft.lb)		318200	318200	357980	377870	437530	497190	596630		
	SPECIAL CLEARANCE		MINIMUM (ft.lb)		15150	15150	15630	15870	16590	17310	18510		
			OPTIMUM (ft.lb)		16830	16830	17370	17630	18430	19230	20570		
			MAXIMUM (ft.lb)		18510	18510	19110	19390	20270	21150	22630		

CONNECTION	COLLAPSE RESISTANCE (psi)					9150	9150	10000	10400	11560	12610	14120	
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)					9370	9370	10540	11130	12890	14640	17570	
	MAXIMUM BENDING ANGLE (° PER 100ft)					43	43	48	51	59	67	80	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					19.517	19.517	19.517	19.517	19.517	19.517	19.517	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					1158	1158	1303	1375	1592	1810	2172	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					670	670	754	796	922	1048	1257	
						PARTING LOAD (kips)							
	REGULAR COUPLING O.D.					1631	1578	1702	1791	2110	2323	2766	
	SPECIAL CLEARANCE COUPLING O.D.					1273	1209	1273	1336	1591	1718	2037	
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (in³)				
	REGULAR COUPLING				W	10.942	8.653	72.47	102	7092			
	SPECIAL CLEARANCE COUPLING				Wc	10.580	8.653	51.91	70	7019			
	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								