

TECHNICAL INFORMATION - HSC HICOM

CASING



SIZE: **14"**

NOMINAL WEIGHT: **86.00 lb/ft**

WALL THICKNESS: **0.600"**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (in)	D	14.000	INSIDE DIA. (in)	d	12.800	DRIFT DIA. (in)	12.612	PLAIN END WT (lb/ft)	85.87		
	GRADE					N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)					3370	3370	3580	3670	3880	4000	4040
	INTERNAL YIELD PRESSURE (psi)					6000	6000	6750	7130	8250	9380	11250
	BODY YIELD STRENGTH (kips)					2021	2021	2273	2400	2778	3157	3789
	ULTIMATE STRENGTH (kips)					2526	2400	2526	2652	3157	3410	4041
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					25.258	25.258	25.258	25.258	25.258	25.258	25.258

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
	REGULAR		MINIMUM (ft.lb)			24190	24190	25080	25530	26870	28220	30450
			OPTIMUM (ft.lb)			26880	26880	27870	28370	29860	31350	33830
			MAXIMUM (ft.lb)			29570	29570	30660	31210	32850	34490	37210
			BODY YIELD TORQUE (ft.lb)			624710	624710	702790	741840	858970	976100	1171320
	SPECIAL CLEARANCE		MINIMUM (ft.lb)			21770	21770	22580	22980	24180	25390	27400
			OPTIMUM (ft.lb)			24190	24190	25090	25530	26870	28210	30450
			MAXIMUM (ft.lb)			26610	26610	27600	28080	29560	31030	33500

CONNECTION	COLLAPSE RESISTANCE (psi)					3370	3370	3580	3670	3880	4000	4040	
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)					6000	6000	6750	7130	8250	9380	11250	
	MAXIMUM BENDING ANGLE (° PER 100ft)					29	29	32	34	39	45	54	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					25.77	25.77	25.77	25.77	25.77	25.77	25.77	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					1449	1449	1630	1721	1993	2264	2717	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					804	804	904	954	1105	1256	1507	
	PARTING LOAD (kips)												
	REGULAR COUPLING O.D.					2042	1993	2175	2291	2686	2983	3560	
	SPECIAL CLEARANCE COUPLING O.D.					1679	1595	1679	1763	2099	2267	2687	
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (in³)				
	REGULAR COUPLING				W	14.979	12.900	99.56	102	9370			
	SPECIAL CLEARANCE COUPLING				Wc	14.631	12.900	70.54	70	9267			
	LENGTH OF COUPLING (in)				NL	12.660	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	5.330								