

TECHNICAL INFORMATION - HSC HICOM

CASING



SIZE: **14"**

NOMINAL WEIGHT: **114.00 lb/ft**

WALL THICKNESS: **0.800"**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (in)	D	14.000	INSIDE DIA. (in)	d	12.400	DRIFT DIA. (in)		12.212	PLAIN END WT (lb/ft)		112.78
	GRADE					N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)					6740	6740	7260	7500	8130	8650	9220
	INTERNAL YIELD PRESSURE (psi)					8000	8000	9000	9500	11000	12500	15000
	BODY YIELD STRENGTH (kips)					2654	2654	2986	3152	3649	4147	4976
	ULTIMATE STRENGTH (kips)					3318	3152	3318	3483	4147	4479	5308
NOMINAL CROSS-SECTIONAL AREA (sq-in)					33.175	33.175	33.175	33.175	33.175	33.175	33.175	

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
	REGULAR	MINIMUM (ft.lb)		34940	34940	35860	36320	37720	39100	41420		
		OPTIMUM (ft.lb)		38820	38820	39850	40360	41910	43450	46020		
		MAXIMUM (ft.lb)		42700	42700	43840	44400	46100	47800	50620		
	BODY YIELD TORQUE (ft.lb)		797520	797520	897220	947060	1096600	1246130	1495360			
	SPECIAL CLEARANCE	MINIMUM (ft.lb)		31450	31450	32280	32700	33950	35190	37280		
		OPTIMUM (ft.lb)		34940	34940	35870	36330	37720	39100	41420		
		MAXIMUM (ft.lb)		38430	38430	39460	39960	41490	43010	45560		

CONNECTION	COLLAPSE RESISTANCE (psi)		6740	6740	7260	7500	8130	8650	9220	
	COMPRESSION RESISTANCE (%)		100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)		100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)		8000	8000	9000	9500	11000	12500	15000	
	MAXIMUM BENDING ANGLE (° PER 100ft)		30	30	33	35	41	46	55	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)		33.836	33.836	33.836	33.836	33.836	33.836	33.836	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)		2093	2093	2354	2485	2878	3270	3924	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)		1245	1245	1401	1479	1712	1946	2335	
	PARTING LOAD (kips)									
	REGULAR COUPLING O.D.		2682	2618	2857	3009	3528	3918	4676	
	SPECIAL CLEARANCE COUPLING O.D.		2205	2095	2205	2316	2757	2977	3529	
			OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (in³)			
	REGULAR COUPLING		W	15.318	12.500	133.38	102	12322		
	SPECIAL CLEARANCE COUPLING		Wc	14.870	12.500	95.29	70	12188		
	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							