

TECHNICAL INFORMATION - HSC HICOM

CASING



SIZE: **8 5/8"**

NOMINAL WEIGHT: **44.00 lb/ft**

WALL THICKNESS: **0.500"**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (in)	D	8.625	INSIDE DIA. (in)	d	7.625	DRIFT DIA. (in)	7.500	PLAIN END WT (lb/ft)	43.39		
	GRADE					N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)					6950	6950	7490	7740	8420	8980	9640
	INTERNAL YIELD PRESSURE (psi)					8120	8120	9130	9640	11160	12680	15220
	BODY YIELD STRENGTH (kips)					1021	1021	1149	1212	1404	1595	1914
	ULTIMATE STRENGTH (kips)					1276	1212	1276	1340	1595	1723	2042
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					12.763	12.763	12.763	12.763	12.763	12.763	12.763

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
	REGULAR	MINIMUM (ft.lb)				10270	10270	10700	10920	11560	12200	13280
		OPTIMUM (ft.lb)				11410	11410	11890	12130	12850	13560	14760
		MAXIMUM (ft.lb)				12550	12550	13080	13340	14140	14920	16240
	BODY YIELD TORQUE (ft.lb)				188710	188710	212300	224090	259470	294860	353830	
	SPECIAL CLEARANCE	MINIMUM (ft.lb)				9240	9240	9630	9830	10400	10990	11950
		OPTIMUM (ft.lb)				10270	10270	10700	10920	11560	12210	13280
		MAXIMUM (ft.lb)				11300	11300	11770	12010	12720	13430	14610

CONNECTION	COLLAPSE RESISTANCE (psi)					6950	6950	7490	7740	8420	8980	9640	
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)					8120	8120	9130	9640	11160	12680	15220	
	MAXIMUM BENDING ANGLE (° PER 100ft)					48	48	54	57	66	75	90	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					13.023	13.023	13.023	13.023	13.023	13.023	13.023	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					717	717	807	851	986	1120	1344	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					391	391	440	465	538	611	734	
	PARTING LOAD (kips)												
	REGULAR COUPLING O.D.					1105	1066	1146	1206	1423	1562	1859	
	SPECIAL CLEARANCE COUPLING O.D.					849	806	849	891	1061	1146	1358	
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (in³)				
	REGULAR COUPLING				W	9.439	7.725	45.24	102	4719			
	SPECIAL CLEARANCE COUPLING				Wc	9.159	7.725	32.42	70	4674			
	LENGTH OF COUPLING (in)				NL	11.060							
MAKE UP LOSS (in)				ML	4.530								
The above information is for reference only. The information is subject to change or modification without notice. Please contact HSC for the latest information													