

TECHNICAL INFORMATION - HSC HICOM

CASING



SIZE: **8 5/8"**

NOMINAL WEIGHT: **36.00 lb/ft**

WALL THICKNESS: **0.400"**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (in)	D	8.625	INSIDE DIA. (in)	d	7.825	DRIFT DIA. (in)	7.700	PLAIN END WT (lb/ft)			35.14
	GRADE					N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)					4100	4100	4250	4350	4680	4930	5140
	INTERNAL YIELD PRESSURE (psi)					6490	6490	7300	7710	8930	10150	12170
	BODY YIELD STRENGTH (kips)					827	827	930	982	1137	1292	1550
	ULTIMATE STRENGTH (kips)					1034	982	1034	1085	1292	1395	1654
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					10.336	10.336	10.336	10.336	10.336	10.336	10.336

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
	REGULAR		MINIMUM (ft.lb)		8150	8150	8600	8820	9480	10140	11250	
			OPTIMUM (ft.lb)		9060	9060	9550	9800	10530	11270	12500	
			MAXIMUM (ft.lb)		9970	9970	10500	10780	11580	12400	13750	
			BODY YIELD TORQUE (ft.lb)		156390	156390	175940	185710	215030	244360	293230	
	SPECIAL CLEARANCE		MINIMUM (ft.lb)		7340	7340	7730	7940	8530	9140	10120	
			OPTIMUM (ft.lb)		8150	8150	8590	8820	9480	10150	11250	
			MAXIMUM (ft.lb)		8970	8970	9450	9700	10430	11160	12380	

CONNECTION	COLLAPSE RESISTANCE (psi)					4100	4100	4250	4350	4680	4930	5140
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100
	INTERNAL YIELD PRESSURE (psi)					6490	6490	7300	7710	8930	10150	12170
	MAXIMUM BENDING ANGLE (° PER 100ft)					47	47	53	56	64	73	88
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					10.539	10.539	10.539	10.539	10.539	10.539	10.539
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					519	519	584	616	714	811	973
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					256	256	288	304	352	400	479
						PARTING LOAD (kips)						
	REGULAR COUPLING O.D.					895	864	928	976	1152	1265	1506
	SPECIAL CLEARANCE COUPLING O.D.					687	653	687	721	859	927	1099
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (in³)			
	REGULAR COUPLING				W	9.270	7.925	36	102	3818		
	SPECIAL CLEARANCE COUPLING				Wc	9.040	7.925	25.64	70	3782		
	LENGTH OF COUPLING (in)				NL	11.060	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	4.530							

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