

TECHNICAL INFORMATION - HSC HICOM

CASING



SIZE: **13 3/8"**

NOMINAL WEIGHT: **86.00 lb/ft**

WALL THICKNESS: **0.625"**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (in)	D	13.375	INSIDE DIA. (in)	d	12.125	DRIFT DIA. (in)	11.969	PLAIN END WT (lb/ft)	85.11		
	GRADE					N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)					4190	4190	4350	4420	4760	5020	5250
	INTERNAL YIELD PRESSURE (psi)					6540	6540	7360	7770	9000	10220	12270
	BODY YIELD STRENGTH (kips)					2003	2003	2253	2378	2754	3129	3755
	ULTIMATE STRENGTH (kips)					2503	2378	2503	2629	3129	3380	4006
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					25.035	25.035	25.035	25.035	25.035	25.035	25.035

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0										
	REGULAR		MINIMUM (ft.lb)		23960	23960	24800	25210	26460	27700	29790
			OPTIMUM (ft.lb)		26620	26620	27550	28010	29400	30780	33100
			MAXIMUM (ft.lb)		29280	29280	30310	30810	32340	33860	36410
			BODY YIELD TORQUE (ft.lb)		586990	586990	660360	697040	807100	917160	1100600
	SPECIAL CLEARANCE		MINIMUM (ft.lb)		21560	21560	22310	22690	23810	24940	26810
			OPTIMUM (ft.lb)		23960	23960	24790	25210	26460	27710	29790
			MAXIMUM (ft.lb)		26360	26360	27270	27730	29110	30480	32770

CONNECTION	COLLAPSE RESISTANCE (psi)					4190	4190	4350	4420	4760	5020	5250	
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)					6540	6540	7360	7770	9000	10220	12270	
	MAXIMUM BENDING ANGLE (° PER 100ft)					30	30	34	36	42	47	57	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					25.533	25.533	25.533	25.533	25.533	25.533	25.533	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					1457	1457	1639	1730	2004	2277	2732	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					818	818	920	971	1124	1278	1533	
	PARTING LOAD (kips)												
	REGULAR COUPLING O.D.					2041	1989	2167	2281	2677	2969	3542	
	SPECIAL CLEARANCE COUPLING O.D.					1664	1581	1664	1747	2080	2247	2663	
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (in³)				
	REGULAR COUPLING				W	14.393	12.225	98.95	102	9289			
	SPECIAL CLEARANCE COUPLING				Wc	14.034	12.225	70.20	70	9187			
LENGTH OF COUPLING (in)				NL	12.660								
MAKE UP LOSS (in)				ML	5.330								
The above information is for reference only. The information is subject to change or modification without notice. Please contact HSC for the latest information													