

# TECHNICAL INFORMATION - HSC HICOM

# CASING



SIZE: **13 3/8"**

NOMINAL WEIGHT: **80.70 lb/ft**

WALL THICKNESS: **0.580"**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (in)	D	13.375	INSIDE DIA. (in)	d	12.215	DRIFT DIA. (in)	12.059	PLAIN END WT (lb/ft)	79.26		
	GRADE					N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)					3450	3450	3670	3770	4000	4140	4180
	INTERNAL YIELD PRESSURE (psi)					6070	6070	6830	7210	8350	9490	11380
	BODY YIELD STRENGTH (kips)					1865	1865	2098	2215	2565	2914	3497
	ULTIMATE STRENGTH (kips)					2331	2215	2331	2448	2914	3147	3730
NOMINAL CROSS-SECTIONAL AREA (sq-in)					23.314	23.314	23.314	23.314	23.314	23.314	23.314	

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
	REGULAR	MINIMUM (ft.lb)				21360	21360	22150	22540	23730	24920	26900
		OPTIMUM (ft.lb)				23730	23730	24610	25050	26370	27690	29890
		MAXIMUM (ft.lb)				26100	26100	27070	27560	29010	30460	32880
	BODY YIELD TORQUE (ft.lb)				550320	550320	619110	653500	756690	859870	1031850	
	SPECIAL CLEARANCE	MINIMUM (ft.lb)				19220	19220	19940	20300	21360	22430	24210
		OPTIMUM (ft.lb)				21360	21360	22150	22550	23730	24920	26900
		MAXIMUM (ft.lb)				23500	23500	24360	24800	26100	27410	29590

CONNECTION	COLLAPSE RESISTANCE (psi)					3450	3450	3670	3770	4000	4140	4180	
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)					6070	6070	6830	7210	8350	9490	11380	
	MAXIMUM BENDING ANGLE (° PER 100ft)					30	30	34	36	41	47	56	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					23.774	23.774	23.774	23.774	23.774	23.774	23.774	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					1317	1317	1481	1564	1811	2058	2469	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					723	723	813	859	994	1130	1356	
	PARTING LOAD (kips)												
	REGULAR COUPLING O.D.					1901	1852	2018	2125	2493	2765	3299	
	SPECIAL CLEARANCE COUPLING O.D.					1551	1474	1551	1629	1939	2094	2482	
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (in³)				
	REGULAR COUPLING				W	14.315	12.315	91.59	102	8647			
	SPECIAL CLEARANCE COUPLING				Wc	13.980	12.315	64.89	70	8553			
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								