

# TECHNICAL INFORMATION - HSC HICOM

# CASING



SIZE: **11 3/4"**

NOMINAL WEIGHT: **54.00 lb/ft**

WALL THICKNESS: **0.435"**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (in)	D	11.750	INSIDE DIA. (in)	d	10.880	DRIFT DIA. (in)		10.724	PLAIN END WT (lb/ft)		52.57
	GRADE					N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)					2440	2440	2520	2550	2570	2570	2570
	INTERNAL YIELD PRESSURE (psi)					5180	5180	5830	6160	7130	8100	9720
	BODY YIELD STRENGTH (kips)					1237	1237	1392	1469	1701	1933	2319
	ULTIMATE STRENGTH (kips)					1546	1469	1546	1624	1933	2088	2474
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					15.463	15.463	15.463	15.463	15.463	15.463	15.463

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
	REGULAR		MINIMUM (ft.lb)		10780	10780	11310	11570	12370	13160	14480	
			OPTIMUM (ft.lb)		11980	11980	12570	12860	13740	14620	16090	
			MAXIMUM (ft.lb)		13180	13180	13830	14150	15110	16080	17700	
			BODY YIELD TORQUE (ft.lb)		324730	324730	365320	385620	446510	507390	608870	
	SPECIAL CLEARANCE		MINIMUM (ft.lb)		9700	9700	10180	10410	11130	11840	13030	
			OPTIMUM (ft.lb)		10780	10780	11310	11570	12370	13160	14480	
			MAXIMUM (ft.lb)		11860	11860	12440	12730	13610	14480	15930	

CONNECTION	COLLAPSE RESISTANCE (psi)					2440	2440	2520	2550	2570	2570	2570	
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)					5180	5180	5830	6160	7130	8100	9720	
	MAXIMUM BENDING ANGLE (° PER 100ft)					34	34	38	40	46	53	63	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					15.779	15.779	15.779	15.779	15.779	15.779	15.779	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					749	749	843	890	1030	1171	1405	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					355	355	399	421	488	554	665	
						PARTING LOAD (kips)							
	REGULAR COUPLING O.D.					1287	1250	1356	1427	1677	1854	2210	
	SPECIAL CLEARANCE COUPLING O.D.					1029	978	1029	1081	1286	1389	1647	
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (in³)			
	REGULAR COUPLING				W	12.427	10.980	59.15	102		5725		
	SPECIAL CLEARANCE COUPLING				Wc	12.171	10.980	41.41	70		5662		
	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								