

TECHNICAL INFORMATION - HSC HICOM

CASING



SIZE: **10 3/4"**

NOMINAL WEIGHT: **55.50 lb/ft**

WALL THICKNESS: **0.495"**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (in)	D	10.750	INSIDE DIA. (in)	d	9.760	DRIFT DIA. (in)	9.604	PLAIN END WT (lb/ft)	54.21		
	GRADE					N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)					4020	4020	4160	4280	4610	4840	5020
	INTERNAL YIELD PRESSURE (psi)					6450	6450	7250	7660	8860	10070	12090
	BODY YIELD STRENGTH (kips)					1276	1276	1435	1515	1754	1993	2392
	ULTIMATE STRENGTH (kips)					1595	1515	1595	1674	1993	2153	2552
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					15.947	15.947	15.947	15.947	15.947	15.947	15.947

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
	REGULAR	MINIMUM (ft.lb)				12070	12070	12560	12800	13520	14250	15460
		OPTIMUM (ft.lb)				13410	13410	13950	14220	15020	15830	17180
		MAXIMUM (ft.lb)				14750	14750	15350	15640	16520	17410	18900
	BODY YIELD TORQUE (ft.lb)				300940	300940	338560	357370	413790	470220	564270	
	SPECIAL CLEARANCE	MINIMUM (ft.lb)				10860	10860	11300	11510	12170	12820	13910
		OPTIMUM (ft.lb)				12070	12070	12550	12790	13520	14250	15460
		MAXIMUM (ft.lb)				13280	13280	13800	14070	14870	15680	17010

CONNECTION	COLLAPSE RESISTANCE (psi)					4020	4020	4160	4280	4610	4840	5020	
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)					6450	6450	7250	7660	8860	10070	12090	
	MAXIMUM BENDING ANGLE (° PER 100ft)					38	38	42	45	52	59	70	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					16.268	16.268	16.268	16.268	16.268	16.268	16.268	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					831	831	935	987	1143	1299	1559	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					425	425	478	505	584	664	797	
	PARTING LOAD (kips)												
	REGULAR COUPLING O.D.					1345	1303	1409	1483	1745	1925	2293	
	SPECIAL CLEARANCE COUPLING O.D.					1061	1008	1061	1114	1327	1433	1698	
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (in³)				
	REGULAR COUPLING				W	11.527	9.860	61.76	102	5909			
	SPECIAL CLEARANCE COUPLING				Wc	11.242	9.860	43.48	70	5845			
	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								