

TECHNICAL INFORMATION - HSC HICOM

CASING



SIZE: **10 3/4"**

NOMINAL WEIGHT: **51.00 lb/ft**

WALL THICKNESS: **0.450"**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (in)	D	10.750	INSIDE DIA. (in)	d	9.850	DRIFT DIA. (in)				9.694	PLAIN END WT (lb/ft)		49.50
	GRADE					N80	L80	C90	C95	P110	Q125	150		
	COLLAPSE RESISTANCE (psi)					3210	3210	3400	3480	3660	3740	3750		
	INTERNAL YIELD PRESSURE (psi)					5860	5860	6590	6960	8060	9160	10990		
	BODY YIELD STRENGTH (kips)					1165	1165	1311	1383	1602	1820	2184		
	ULTIMATE STRENGTH (kips)					1456	1383	1456	1529	1820	1966	2330		
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					14.561	14.561	14.561	14.561	14.561	14.561	14.561		

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0													
	REGULAR		MINIMUM (ft.lb)		10190	10190	10630	10840	11500	12160	13260			
			OPTIMUM (ft.lb)		11320	11320	11810	12050	12780	13510	14730			
			MAXIMUM (ft.lb)		12450	12450	12990	13260	14060	14860	16200			
			BODY YIELD TORQUE (ft.lb)		277080	277080	311720	329040	380990	432940	519530			
	SPECIAL CLEARANCE		MINIMUM (ft.lb)		9170	9170	9570	9760	10360	10940	11930			
			OPTIMUM (ft.lb)		10190	10190	10630	10850	11510	12160	13260			
			MAXIMUM (ft.lb)		11210	11210	11690	11940	12660	13380	14590			

CONNECTION	COLLAPSE RESISTANCE (psi)					3210	3210	3400	3480	3660	3740	3750	
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)					5860	5860	6590	6960	8060	9160	10990	
	MAXIMUM BENDING ANGLE (° PER 100ft)					37	37	42	44	51	58	70	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					14.86	14.86	14.86	14.86	14.86	14.86	14.86	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					719	719	809	854	989	1123	1348	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					346	346	390	411	476	541	649	
						PARTING LOAD (kips)							
	REGULAR COUPLING O.D.					1228	1190	1287	1354	1594	1758	2094	
	SPECIAL CLEARANCE COUPLING O.D.					968	919	968	1016	1209	1306	1548	
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (in³)				
	REGULAR COUPLING				W	11.449	9.950	55.89	102	5392			
	SPECIAL CLEARANCE COUPLING				Wc	11.186	9.950	39.12	70	5333			
	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								