

TECHNICAL INFORMATION - HSC HICOM

CASING



SIZE: **11 3/4"**

NOMINAL WEIGHT: **65.00 lb/ft**

WALL THICKNESS: **0.534"**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (in)	D	11.750	INSIDE DIA. (in)	d	10.682	DRIFT DIA. (in)	10.526	PLAIN END WT (lb/ft)	63.97		
	GRADE					N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)					3870	3870	4050	4170	4470	4690	4830
	INTERNAL YIELD PRESSURE (psi)					6360	6360	7160	7560	8750	9940	11930
	BODY YIELD STRENGTH (kips)					1505	1505	1693	1788	2070	2352	2822
	ULTIMATE STRENGTH (kips)					1882	1788	1882	1976	2352	2540	3011
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					18.816	18.816	18.816	18.816	18.816	18.816	18.816

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0										
	REGULAR		MINIMUM (ft.lb)		15460	15460	16080	16400	17340	18280	19840
			OPTIMUM (ft.lb)		17180	17180	17870	18220	19270	20310	22050
			MAXIMUM (ft.lb)		18900	18900	19660	20040	21200	22340	24260
			BODY YIELD TORQUE (ft.lb)		388570	388570	437140	461430	534280	607140	728570
	SPECIAL CLEARANCE		MINIMUM (ft.lb)		13910	13910	14480	14760	15610	16450	17860
			OPTIMUM (ft.lb)		15460	15460	16090	16400	17340	18280	19840
			MAXIMUM (ft.lb)		17010	17010	17700	18040	19070	20110	21820

CONNECTION	COLLAPSE RESISTANCE (psi)					3870	3870	4050	4170	4470	4690	4830	
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)					6360	6360	7160	7560	8750	9940	11930	
	MAXIMUM BENDING ANGLE (° PER 100ft)					34	34	39	41	47	54	64	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					19.199	19.199	19.199	19.199	19.199	19.199	19.199	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					1022	1022	1150	1214	1405	1597	1916	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					542	542	609	643	745	846	1016	
						PARTING LOAD (kips)							
	REGULAR COUPLING O.D.					1566	1521	1650	1736	2041	2256	2689	
	SPECIAL CLEARANCE COUPLING O.D.					1252	1189	1252	1314	1565	1690	2003	
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (in³)				
	REGULAR COUPLING				W	12.601	10.782	73.42	102	6976			
	SPECIAL CLEARANCE COUPLING				Wc	12.293	10.782	51.82	70	6899			
	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								