

TECHNICAL INFORMATION - HSC HICOM

CASING



SIZE: **11 3/4"**

NOMINAL WEIGHT: **71.00 lb/ft**

WALL THICKNESS: **0.582"**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (in)	D	11.750	INSIDE DIA. (in)	d	10.586	DRIFT DIA. (in)	10.430	PLAIN END WT (lb/ft)	69.42	
	GRADE				N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)				4870	4870	5130	5240	5470	5760	6160
	INTERNAL YIELD PRESSURE (psi)				6930	6930	7800	8240	9540	10840	13000
	BODY YIELD STRENGTH (kips)				1634	1634	1838	1940	2246	2552	3063
	ULTIMATE STRENGTH (kips)				2042	1940	2042	2144	2552	2757	3267
NOMINAL CROSS-SECTIONAL AREA (sq-in)				20.42	20.42	20.42	20.42	20.42	20.42	20.42	

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0										
	REGULAR	MINIMUM (ft.lb)		17730	17730	18400	18740	19750	20760	22450	
		OPTIMUM (ft.lb)		19700	19700	20450	20820	21940	23070	24940	
		MAXIMUM (ft.lb)		21670	21670	22500	22900	24130	25380	27430	
	BODY YIELD TORQUE (ft.lb)		418270	418270	470550	496700	575120	653550	784260		
	SPECIAL CLEARANCE	MINIMUM (ft.lb)		15960	15960	16560	16870	17780	18680	20200	
		OPTIMUM (ft.lb)		17730	17730	18400	18740	19750	20760	22440	
		MAXIMUM (ft.lb)		19500	19500	20240	20610	21720	22840	24680	

CONNECTION	COLLAPSE RESISTANCE (psi)		4870	4870	5130	5240	5470	5760	6160		
	COMPRESSION RESISTANCE (%)		100	100	100	100	100	100	100		
	TENSILE EFFICIENCY (%)		100	100	100	100	100	100	100		
	INTERNAL YIELD PRESSURE (psi)		6930	6930	7800	8240	9540	10840	13000		
	MAXIMUM BENDING ANGLE (° PER 100ft)		35	35	39	41	48	54	65		
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)		20.828	20.828	20.828	20.828	20.828	20.828	20.828		
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)		1152	1152	1296	1368	1584	1800	2160		
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)		631	631	710	750	868	986	1184		
	PARTING LOAD (kips)										
	REGULAR COUPLING O.D.		1700	1651	1790	1884	2215	2448	2918		
	SPECIAL CLEARANCE COUPLING O.D.		1359	1291	1359	1426	1698	1834	2174		
			OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (in³)				
	REGULAR COUPLING		W	12.683	10.686	80.23	102	7573			
	SPECIAL CLEARANCE COUPLING		Wc	12.351	10.686	56.81	70	7491			
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								