

TECHNICAL INFORMATION - HSC HICOM

CASING



SIZE: **9 5/8"**

NOMINAL WEIGHT: **47.00 lb/ft**

WALL THICKNESS: **0.472"**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (in)	D	9.625	INSIDE DIA. (in)	d	8.681	DRIFT DIA. (in)		8.525	PLAIN END WT (lb/ft)		46.14
	GRADE					N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)					4760	4760	5000	5090	5300	5630	6000
	INTERNAL YIELD PRESSURE (psi)					6870	6870	7720	8150	9440	10730	12870
	BODY YIELD STRENGTH (kips)					1086	1086	1222	1289	1493	1697	2036
	ULTIMATE STRENGTH (kips)					1357	1289	1357	1425	1697	1832	2172
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					13.572	13.572	13.572	13.572	13.572	13.572	13.572

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
	REGULAR		MINIMUM (ft.lb)		10290	10290	10730	10940	11590	12240	13330	
			OPTIMUM (ft.lb)		11430	11430	11920	12160	12880	13600	14810	
			MAXIMUM (ft.lb)		12570	12570	13110	13380	14170	14960	16290	
			BODY YIELD TORQUE (ft.lb)		227960	227960	256450	270700	313440	356180	427420	
	SPECIAL CLEARANCE		MINIMUM (ft.lb)		9260	9260	9650	9850	10430	11020	12000	
			OPTIMUM (ft.lb)		10290	10290	10720	10940	11590	12240	13330	
			MAXIMUM (ft.lb)		11320	11320	11790	12030	12750	13460	14660	

CONNECTION	COLLAPSE RESISTANCE (psi)					4760	4760	5000	5090	5300	5630	6000	
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)					6870	6870	7720	8150	9440	10730	12870	
	MAXIMUM BENDING ANGLE (° PER 100ft)					42	42	48	50	58	66	79	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					13.849	13.849	13.849	13.849	13.849	13.849	13.849	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					716	716	806	851	985	1119	1343	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					370	370	417	440	509	579	694	
						PARTING LOAD (kips)							
	REGULAR COUPLING O.D.					1161	1122	1210	1273	1500	1650	1965	
	SPECIAL CLEARANCE COUPLING O.D.					903	858	903	948	1129	1219	1445	
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (in³)			
	REGULAR COUPLING				W	10.378	8.781	50.18	102		5023		
	SPECIAL CLEARANCE COUPLING				Wc	10.108	8.781	35.58	70		4971		
LENGTH OF COUPLING (in)				NL	11.860	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	4.930								