

# TECHNICAL INFORMATION - HSC HICOM

# CASING



SIZE: **8 5/8"**

NOMINAL WEIGHT: **49.00 lb/ft**

WALL THICKNESS: **0.557"**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (in)	D	8.625	INSIDE DIA. (in)	d	7.511	DRIFT DIA. (in)	7.386	PLAIN END WT (lb/ft)	47.99	
	GRADE				N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)				8580	8580	9340	9710	10740	11660	12950
	INTERNAL YIELD PRESSURE (psi)				9040	9040	10170	10740	12430	14130	16950
	BODY YIELD STRENGTH (kips)				1129	1129	1271	1341	1553	1765	2118
	ULTIMATE STRENGTH (kips)				1412	1341	1412	1482	1765	1906	2259
	NOMINAL CROSS-SECTIONAL AREA (sq-in)				14.118	14.118	14.118	14.118	14.118	14.118	14.118

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0										
	REGULAR	MINIMUM (ft.lb)			11480	11480	11900	12110	12740	13380	14440
		OPTIMUM (ft.lb)			12760	12760	13220	13460	14160	14870	16040
		MAXIMUM (ft.lb)			14040	14040	14540	14810	15580	16360	17640
	BODY YIELD TORQUE (ft.lb)			206030	206030	231780	244660	283290	321920	386300	
	SPECIAL CLEARANCE	MINIMUM (ft.lb)			10330	10330	10710	10900	11480	12040	12990
		OPTIMUM (ft.lb)			11480	11480	11900	12110	12750	13380	14430
		MAXIMUM (ft.lb)			12630	12630	13090	13320	14020	14720	15870

CONNECTION	COLLAPSE RESISTANCE (psi)				8580	8580	9340	9710	10740	11660	12950	
	COMPRESSION RESISTANCE (%)				100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)				100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)				9040	9040	10170	10740	12430	14130	16950	
	MAXIMUM BENDING ANGLE (° PER 100ft)				49	49	55	58	67	76	92	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)				14.393	14.393	14.393	14.393	14.393	14.393	14.393	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)				826	826	929	981	1136	1291	1549	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)				467	467	525	555	642	730	876	
	PARTING LOAD (kips)											
	REGULAR COUPLING O.D.				1222	1180	1268	1334	1574	1728	2056	
	SPECIAL CLEARANCE COUPLING O.D.				939	892	939	986	1174	1268	1503	
				OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (in³)			
	REGULAR COUPLING			W	9.531	7.611	50.35	102		5222		
	SPECIAL CLEARANCE COUPLING			Wc	9.225	7.611	36.23	70		5172		
	LENGTH OF COUPLING (in)			NL	11.060							
MAKE UP LOSS (in)			ML	4.530								
The above information is for reference only. The information is subject to change or modification without notice. Please contact HSC for the latest information												