

# TECHNICAL INFORMATION - HSC HICOM

# CASING



SIZE: **8 5/8"**

NOMINAL WEIGHT: **52.00 lb/ft**

WALL THICKNESS: **0.595"**

THREADS PER INCH: **5**



<b>PIPE BODY</b>	<b>OUTSIDE DIA. (in)</b>	D	8.625	<b>INSIDE DIA. (in)</b>	d	7.435	<b>DRIFT DIA. (in)</b>				7.310	<b>PLAIN END WT (lb/ft)</b>			51.03
	<b>GRADE</b>					<b>N80</b>	<b>L80</b>	<b>C90</b>	<b>C95</b>	<b>P110</b>	<b>Q125</b>	<b>150</b>			
	<b>COLLAPSE RESISTANCE (psi)</b>					9650	9650	10560	11010	12270	13430	<b>15140</b>			
	<b>INTERNAL YIELD PRESSURE (psi)</b>					9660	9660	10870	11470	13280	15090	<b>18110</b>			
	<b>BODY YIELD STRENGTH (kips)</b>					1201	1201	1351	1426	1651	1876	<b>2252</b>			
	<b>ULTIMATE STRENGTH (kips)</b>					1501	1426	1501	1576	1876	2026	<b>2402</b>			
	<b>NOMINAL CROSS-SECTIONAL AREA (sq-in)</b>					15.01	15.01	15.01	15.01	15.01	15.01	<b>15.01</b>			15.01

<b>MAKE UP</b>	<b>RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0</b>													
	<b>REGULAR</b>		<b>MINIMUM (ft.lb)</b>			12280	12280	12700	12920	13540	14170	<b>15200</b>		
			<b>OPTIMUM (ft.lb)</b>			13650	13650	14110	14350	15040	15740	<b>16890</b>		
			<b>MAXIMUM (ft.lb)</b>			15020	15020	15520	15790	16540	17310	<b>18580</b>		
			<b>BODY YIELD TORQUE (ft.lb)</b>			217150	217150	244290	257860	298570	339290	<b>407150</b>		
	<b>SPECIAL CLEARANCE</b>		<b>MINIMUM (ft.lb)</b>			11060	11060	11430	11620	12190	12740	<b>13690</b>		
			<b>OPTIMUM (ft.lb)</b>			12290	12290	12700	12910	13540	14160	<b>15210</b>		
			<b>MAXIMUM (ft.lb)</b>			13520	13520	13970	14200	14890	15580	<b>16730</b>		

<b>CONNECTION</b>	<b>COLLAPSE RESISTANCE (psi)</b>					9650	9650	10560	11010	12270	13430	<b>15140</b>		
	<b>COMPRESSION RESISTANCE (%)</b>					100	100	100	100	100	100	<b>100</b>		
	<b>TENSILE EFFICIENCY (%)</b>					100	100	100	100	100	100	<b>100</b>		
	<b>INTERNAL YIELD PRESSURE (psi)</b>					9660	9660	10870	11470	13280	15090	<b>18110</b>		
	<b>MAXIMUM BENDING ANGLE (° PER 100ft)</b>					49	49	55	59	68	77	<b>92</b>		
	<b>BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)</b>					15.31	15.31	15.31	15.31	15.31	15.31	<b>15.31</b>		
	<b>MAXIMUM LOAD OF REG. COUPLING FACE (kips)</b>					899	899	1012	1068	1236	1405	<b>1686</b>		
	<b>MAXIMUM LOAD OF S.C. COUPLING FACE (kips)</b>					517	517	581	614	711	808	<b>969</b>		
						<b>PARTING LOAD (kips)</b>								
	<b>REGULAR COUPLING O.D.</b>					1300	1254	1348	1418	1673	1837	<b>2186</b>		
	<b>SPECIAL CLEARANCE COUPLING O.D.</b>					998	949	998	1048	1248	1348	<b>1598</b>		
					<b>OUTSIDE DIA. (in)</b>	<b>INSIDE DIA. (d1) (in)</b>	<b>WEIGHT (lb)</b>	<b>JOINT EFFICIENCY (%)</b>	<b>30' JOINT MUD DISPLACEMENT (in³)</b>					
	<b>REGULAR COUPLING</b>				<b>W</b>	9.592	7.535	53.77	102	<b>5554</b>				
	<b>SPECIAL CLEARANCE COUPLING</b>				<b>Wc</b>	9.268	7.535	38.73	70	<b>5501</b>				
<b>LENGTH OF COUPLING (in)</b>				<b>NL</b>	11.060	The above information is for reference only. The information is subject to change or modification without notice. Please contact HSC for the latest information								
<b>MAKE UP LOSS (in)</b>				<b>ML</b>	4.530									

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