

TECHNICAL INFORMATION - HSC HICOM

CASING



SIZE: **7 5/8"**

NOMINAL WEIGHT: **39.00 lb/ft**

WALL THICKNESS: **0.500"**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (in)	D	7.625	INSIDE DIA. (in)	d	6.625	DRIFT DIA. (in)	6.500	PLAIN END WT (lb/ft)	38.05		
	GRADE					N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)					8820	8820	9620	10000	11080	12060	13440
	INTERNAL YIELD PRESSURE (psi)					9180	9180	10330	10900	12620	14340	17210
	BODY YIELD STRENGTH (kips)					895	895	1007	1063	1231	1399	1679
	ULTIMATE STRENGTH (kips)					1119	1063	1119	1175	1399	1511	1791
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					11.192	11.192	11.192	11.192	11.192	11.192	11.192

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0										
	REGULAR	MINIMUM (ft.lb)	9050	9050	9440	9640	10220	10810	11790		
		OPTIMUM (ft.lb)	10060	10060	10490	10710	11360	12010	13100		
		MAXIMUM (ft.lb)	11070	11070	11540	11780	12500	13210	14410		
		BODY YIELD TORQUE (ft.lb)	144110	144110	162120	171130	198150	225170	270200		
	SPECIAL CLEARANCE	MINIMUM (ft.lb)	8150	8150	8500	8680	9210	9730	10610		
		OPTIMUM (ft.lb)	9060	9060	9450	9640	10230	10810	11790		
		MAXIMUM (ft.lb)	9970	9970	10400	10600	11250	11890	12970		

CONNECTION	COLLAPSE RESISTANCE (psi)					8820	8820	9620	10000	11080	12060	13440	
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)					9180	9180	10330	10900	12620	14340	17210	
	MAXIMUM BENDING ANGLE (° PER 100ft)					55	55	62	66	76	87	104	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					11.422	11.422	11.422	11.422	11.422	11.422	11.422	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					650	650	731	771	893	1015	1218	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					364	364	409	432	500	568	682	
	PARTING LOAD (kips)												
	REGULAR COUPLING O.D.					981	945	1013	1065	1258	1379	1640	
	SPECIAL CLEARANCE COUPLING O.D.					744	707	744	781	930	1004	1190	
				OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (in³)					
	REGULAR COUPLING			W	8.450	6.725	37.73	102	4133				
	SPECIAL CLEARANCE COUPLING			Wc	8.175	6.725	27.29	70	4096				
	LENGTH OF COUPLING (in)			NL	10.260								
MAKE UP LOSS (in)			ML	4.130									
The above information is for reference only. The information is subject to change or modification without notice. Please contact HSC for the latest information													