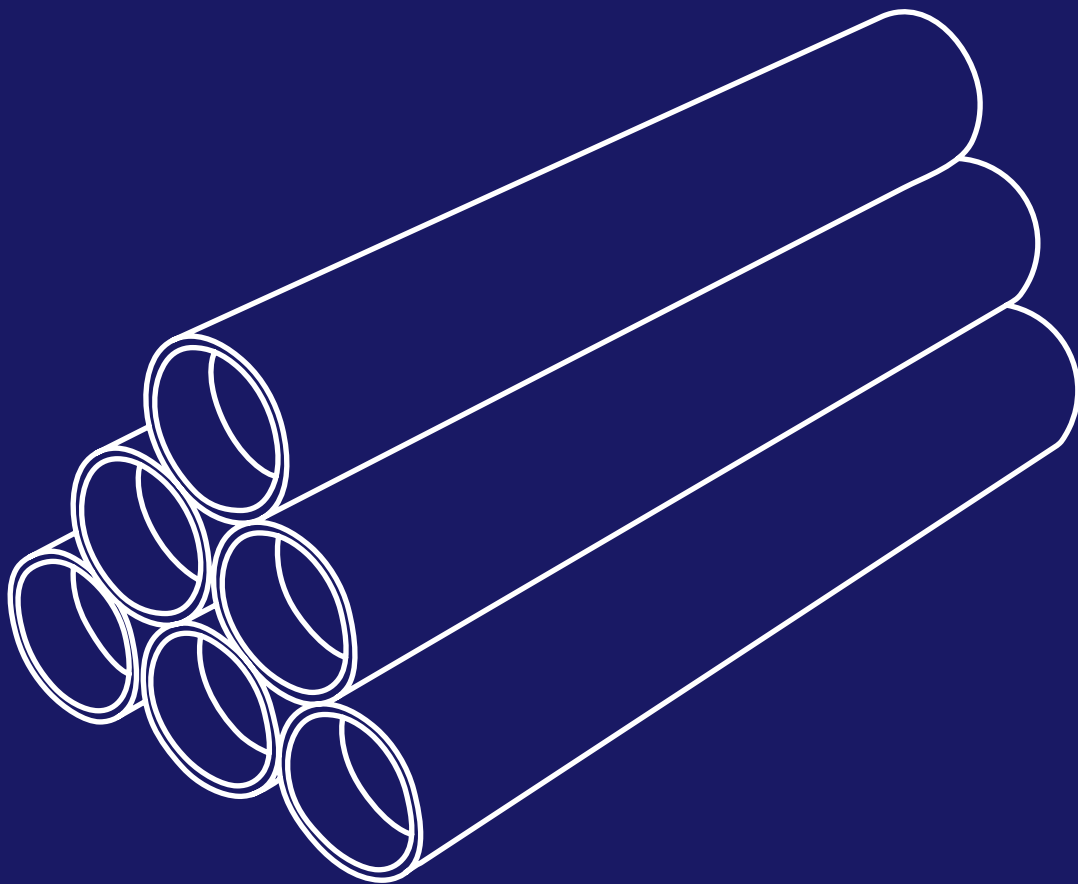




Seamless Pipe

**Model: ASTM A106 / ASTM A53 /
ASTM 795**

Version 1.0
July 2026 release

Seamless Pipe

Model: ASTM A106/ ASTM A53



Specifications	
Interface Form	Groove, wire, welding
Surface Treatment	1. Carbon Steel Black Raw Pipe 2. Hot-dip Galvanized 3. Epoxy 4. Painted

Dimensions						
DN	Nominal Size (inch)	Outside Diameter (mm)	SCH40 (mm)	Nominal Weight (Mass) per Unit Length, Plain End kg/m	Test Pressure, ^A psi [kPa]	
					Grade A	Grade B
6	1/8	10.3	1.73	0.37	700 (4800)	700 (4800)
8	1/4	13.7	2.24	0.63	700 (4800)	700 (4800)
10	3/8	17.1	2.31	0.84	700 (4800)	700 (4800)
15	1/2	21.3	2.77	1.27	700 (4800)	700 (4800)
20	3/4	26.7	2.87	1.69	700 (4800)	700 (4800)
25	1	33.4	3.38	2.5	700 (4800)	700 (4800)
32	1 1/4	42.2	3.56	3.39	1200 (8300)	1300 (9000)
40	1 1/2	48.3	3.68	4.05	1200 (8300)	1300 (9000)
50	2	60.3	3.91	5.44	2300 (15900)	2500 (17200)
65	2 1/2	73	5.16	8.63	2500 (17200)	2500 (17200)
80	3	88.9	5.49	14.29	2220 (15300)	2500 (17200)
100	4	114.3	6.02	16.07	1900 (13100)	2210 (15200)
125	5	141.3	6.55	21.77	1670 (11500)	1950 (13400)
150	6	168.3	7.11	28.26	1520 (10500)	1780 (12300)
200	8	219.1	8.18	42.55	1340 (9200)	1570 (10800)
250	10	273	9.27	60.29	1220 (8400)	1430 (9900)
300	12	323.8	10.31	79.7	1150 (7900)	1340 (9200)

Note*
UL approved

Dimensions						
DN	Nominal Size (inch)	Outside Diameter (mm)	SCH80 (mm)	Nominal Weight (Mass) per Unit Length, Plain End kg/m	Test Pressure, ^A psi [kPa]	
					Grade A	Grade B
6	1/8	10.3	2.41	0.47	850 (5900)	850 (5900)
8	1/4	13.7	3.02	0.8	850 (5900)	850 (5900)
10	3/8	17.1	3.2	1.1	850 (5900)	850 (5900)
15	1/2	21.3	3.73	1.62	850 (5900)	850 (5900)
20	3/4	26.7	3.91	2.2	850 (5900)	850 (5900)
25	1	33.4	4.55	3.24	850 (5900)	850 (5900)
32	1 1/4	42.2	4.85	4.47	1800 (12400)	1900 (13100)
40	1 1/2	48.3	5.08	5.41	1800 (12400)	1900 (13100)
50	2	60.3	5.54	7.48	2500 (17200)	2500 (17200)
65	2 1/2	73	7.01	11.41	2500 (17200)	2500 (17200)
80	3	88.9	7.62	15.27	2500 (17200)	2500 (17200)
100	4	114.3	8.56	22.32	2700 (18600)	2800 (19300)
125	5	141.3	9.52	30.94	2430 (16800)	2800 (19300)
150	6	168.3	10.97	42.56	2350 (16200)	2740 (18900)
200	8	219.1	12.7	64.64	2090 (14400)	2430 (16800)
250	10	273	15.09	95.97	1990 (13700)	2320 (16000)
300	12	323.8	17.48	132.04	1940 (13400)	2270 (15700)

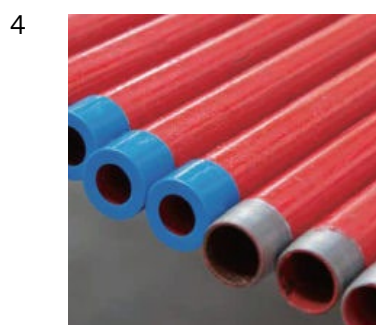
Seamless Pipe
Model: ASTM A106/
ASTM A53

Dimensions						
DN	Nominal Size (inch)	Outside Diameter (mm)	SCH160 (mm)	Nominal Weight (Mass) per Unit Length, Plain End kg/m	Test Pressure, *A psi [kPa]	
					Grade A	Grade B
6	1/8	10.3	-	-	-	-
8	1/4	13.7	-	-	-	-
10	3/8	17.1	-	-	-	-
15	1/2	21.3	4.78	1.95	900 (6200)	900 (6200)
20	3/4	26.7	5.56	2.9	950 (6500)	950 (6500)
25	1	33.4	6.35	4.24	950 (6500)	950 (6500)
32	1 1/4	42.2	6.35	5.61	1900 (13100)	2000 (13800)
40	1 1/2	48.3	7.14	7.25	1950 (13400)	2050 (14100)
50	2	60.3	8.74	13.44	2500 (17200)	2500 (17200)
65	2 1/2	73	9.52	14.9	2500 (17200)	2500 (17200)
80	3	88.9	11.13	21.35	2500 (17200)	2500 (17200)
100	4	114.3	13.49	33.54	2800 (19300)	2800 (19300)
125	5	141.3	15.88	49.11	2800 (19300)	2800 (19300)
150	6	168.3	18.26	67.56	2800 (19300)	2800 (19300)
200	8	219.1	23.01	111.27	2800 (19300)	2800 (19300)
250	10	273	28.57	172.21	2800 (19300)	2800 (19300)
300	12	323.8	33.32	238.63	2800 (19300)	2800 (19300)

Note*

1. Wall thickness tolerance: -12.5%
2. Allowable deviation of outer diameter:
DN40 below ±0.4mm DN50 above ±1 %D

Seamless Pipe Model: ASTM 795



rhinotek

DESIGNED, INNOVATED &
ENGINEERED IN AUSTRALIA

Specifications

Interface Form	Groove, wire, welding
Surface Treatment	1. Carbon Steel Black Raw Pipe 2. Hot-dip Galvanized 3. Epoxy 4. Painted

Dimensions

Schedule	Nominal Size (mm)	Outside Diameter (mm)	Wall Thickness (mm)	Mass of Black Tube Plain End (kg/m)	Weight of Black Tube	
					(PSI)	(kPa)
Schedule 10	1/2"	21.3	2.77	1.27	700	4800
	3/4"	26.7	2.87	1.69	700	4800
	1"	33.4	3.38	2.5	700	4800
	1 1/4"	42.2	3.56	3.39	1000	6900
	1 1/2"	48.3	3.68	4.05	1000	6900
	2"	60.3	3.91	5.45	1000	6900
	2 1/2"	73	5.16	8.64	1000	6900
	3"	88.9	5.49	11.29	1000	6900
	4"	114.3	6.02	16.09	1200	8300
	5"	141.3	6.55	21.79	1200	8300
	6"	168.3	7.11	28.29	1200	8300
	8"	219.1	7.04	36.82	1200	8300
	10	273	7.8	51.05	1000	6900

Dimensions

Schedule	Nominal Size (mm)	Outside Diameter (mm)	Wall Thickness (mm)	Mass of Black Tube Plain End (kg/m)	Weight of Black Tube	
					(PSI)	(kPa)
Schedule 40	1/2"	21.3	2.77	1.27	700	4800
	3/4"	26.7	2.87	1.69	700	4800
	1"	33.4	3.38	2.5	700	4800
	1 1/4"	42.2	3.56	3.39	1000	6900
	1 1/2"	48.3	3.68	4.05	1000	6900
	2"	60.3	3.91	5.45	1000	6900
	2 1/2"	73	5.16	8.64	1000	6900
	3"	88.9	5.49	11.29	1000	6900
	4"	114.3	6.02	16.09	1200	8300
	5"	141.3	6.55	21.79	1200	8300
	6"	168.3	7.11	28.29	1200	8300
	8"	219.1	7.04	36.82	1200	8300
	10	273	7.8	51.05	1000	6900

Note*

1. Wall thickness tolerance: $-12.5\%t$
2. Allowable deviation of outer diameter:
DN40 or less $\pm 0.4\text{mm}$; DN50 + $\pm 1\%D$
3. Average zinc layer thickness $\geq 550\text{g/m}^2$
4. UL approved



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