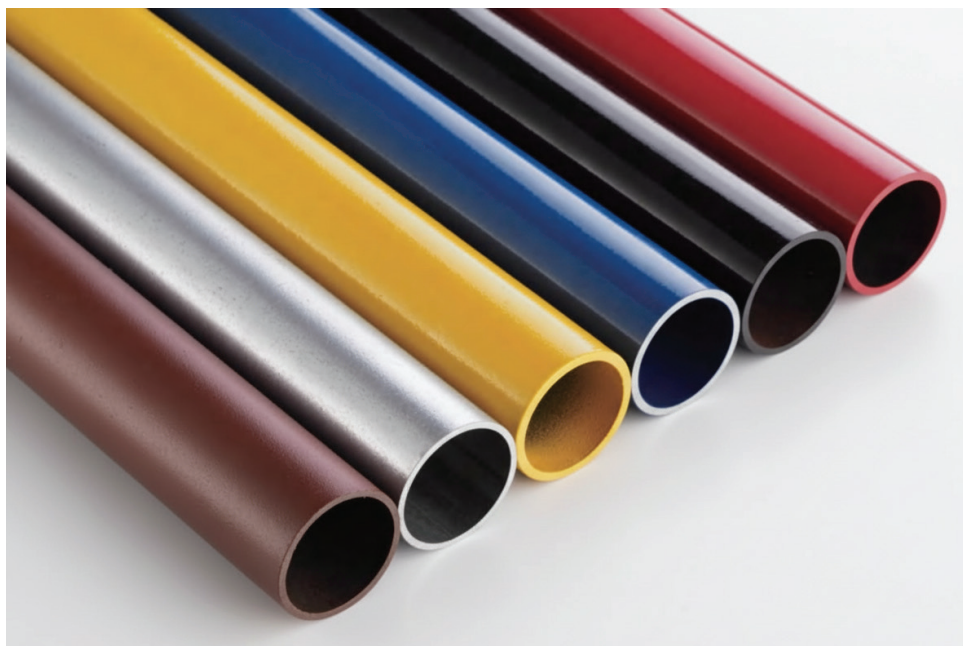




General Description

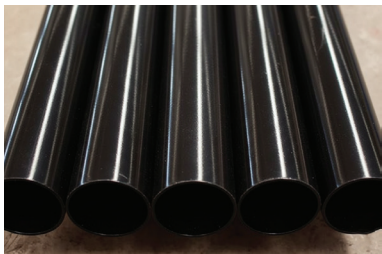
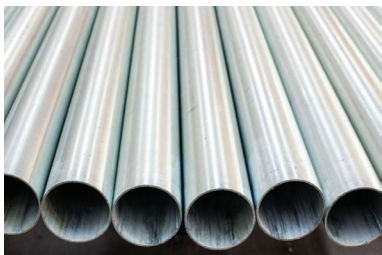
A range of high-quality carbon steel pipes, available in both **Seamless (Type S)** and **Electric Resistance Welded (ERW, Type E)** manufacturing types. These pipes are designed for use in mechanical and pressure applications, and are suitable for ordinary uses in steam, water, gas, and air lines.

All pipes are certified for fire protection systems, making them an ideal and reliable choice for fire sprinklers and standpipes. Seamless pipes are UL Listed, while our ERW pipes carry both **UL Listing and FM Approval**. The pipes are available in a wide range of sizes up to 24", and can be supplied with various finishes and end preparations to meet specific project requirements.

General Specifications

Specification	Details
Product Types	- Seamless Steel Pipe (Type S) - Electric Resistance Welded Pipe (ERW, Type E)
Grade	Grade B
Approvals	- Seamless (Type S): UL Listed - ERW (Type E): UL Listed & FM Approved
Available Schedules & Standards	Schedule 40: - Standard: ASTM A53 - Working Pressure: 300 PSI (20.7 Bar) Schedule 10 (ERW Only): - Standard: ASTM A795 - Working Pressure: 175 PSI (12.1 Bar)
Material	Carbon Steel

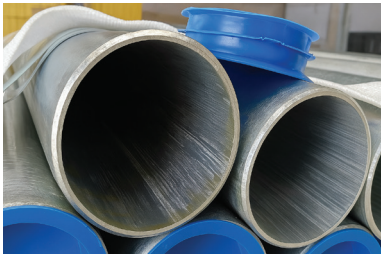
Finishes & Coatings

Finish Type	Description	
Painted Steel Pipe	Standard supply with black water-based paint. Other colours optional.	
Black Steel Pipe	Natural, uncoated black steel colour.	
Hot-Dip Galvanized	Fully galvanized inside and out for superior corrosion protection.	
Epoxy Coated	Available in any colour for enhanced durability and chemical resistance.	
Galvanized & Epoxy	A dual-coating system for maximum protection in harsh environments.	
Plastic-Lining	Lined for specialized applications requiring high purity or chemical resistance.	

Coating Thickness

Coating Type	Thickness Specification
Galvanized	Standard: 300G/M ² Optional: 400G/M ² or 500G/M ²
Epoxy	40µm — 300µm
Painted	Approx. 30µm

Pipe End Options

End Type	
Plain End Standard Supply	
Bevel End Optional Supply	
Threaded End Optional Supply	
Roll Grooved End Optional Supply	

Dimensions & Weights

Schedule 40 (ASTM A53) - Seamless (Type S)

NPS (in)	DN (mm)	OD (mm)	Thickness (mm)	Weight (kg/m)	Test Pressure (PSI)
1/2"	15	21.3	2.77	1.27	700
3/4"	20	26.7	2.87	1.69	700
1"	25	33.4	3.38	2.50	700
1-1/4"	32	42.2	3.56	3.39	1300
1-1/2"	40	48.3	3.68	4.05	1300
2"	50	60.3	3.91	5.44	2500
2-1/2"	65	73.0	5.16	8.63	2500
3"	80	88.9	5.49	11.29	2500
4"	100	114.3	6.02	16.07	2210
5"	125	141.3	6.55	21.77	1950
6"	150	168.3	7.11	28.26	1780
8"	200	219.1	8.18	42.55	1570
10"	250	273.0	9.27	60.29	1430
12"	300	323.8	10.31	79.70	1340
Note: Wall thickness tolerance is -12.5% & Length tolerance is +20mm/0					

Schedule 40 (ASTM A53) - ERW (Type E)

NPS (in)	DN (mm)	OD (mm)	Thickness (mm)	Weight (kg/m)	Test Pressure (PSI)
1/2"	15	21.3	2.77	1.27	700
3/4"	20	26.7	2.87	1.69	700
1"	25	33.4	3.38	2.50	700
1-1/4"	32	42.2	3.56	3.39	1300
1-1/2"	40	48.3	3.68	4.05	1300
2"	50	60.3	3.91	5.44	2500
2-1/2"	65	73.0	5.16	8.63	2500
3"	80	88.9	5.49	11.29	2500
4"	100	114.3	6.02	16.07	2210
5"	125	141.3	6.55	21.77	1950
6"	150	168.3	7.11	28.26	1780
8"	200	219.1	8.18	42.55	1570
Note: Wall thickness tolerance is -12.5% & Length tolerance is +20mm/0					

Schedule 10 (ASTM A795) - ERW (Type E)

NPS (in)	DN (mm)	OD (mm)	Thickness (mm)	Weight (kg/m)	Test Pressure (PSI)
3/4"	20	26.7	2.11	1.28	700
1"	25	33.4	2.77	2.09	700
1-1/4"	32	42.2	2.77	2.69	1000
1-1/2"	40	48.3	2.77	3.11	1000
2"	50	60.3	2.77	3.93	1000
2-1/2"	65	73.0	3.05	5.26	1000
3"	80	88.9	3.05	6.46	1200
4"	100	114.3	3.05	8.37	1200
5"	125	141.3	3.40	11.58	1200
6"	150	168.3	3.40	13.85	1000
8"	200	219.1	4.78	25.26	800
Note: Wall thickness tolerance is -12.5% & Length tolerance is +20mm/0					

Note: Sizes larger than those listed in above tables (up to 24") are available upon request and comply to ASTM standards.