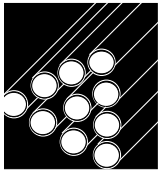


# Steel Pipe

*ASTM A 135  
ASTM A 795  
Schedule 40  
Schedule 10  
Black Painted  
Domestic  
Steel Pipe*

Central Sprinkler Company  
451 North Cannon Avenue, Lansdale, Pennsylvania 19446



## Product Description

### Introduction

Central Sprinkler Company is proud to offer its own line of domestic high-quality ASTM A 135 and A 795 sprinkler pipe. With continuous rolling cycles and high inventory levels, your customer satisfaction is assured. All pipe products are made from the highest quality domestic carbon steel. Quality is insured through continual testing throughout the rolling process.

### Standards

Central Sprinkler steel sprinkler pipe is manufactured to ASTM A 135 and A 795 Grade A, NH Specifications. Each piece of Electric Resistance Welded (ERW) pipe is Eddy Current tested and is coated and stenciled exclusively for the fire protection industry and meets all NFPA requirements for the sprinkler industry. All 6" and 8" schedule 10 sprinkler pipe meets ASTM A 135, A 795 or ASTM A 53 specifications, hydrostatically or Eddy Current tested, black painted and is domestically manufactured.

### Certificate of Conformance

Central's Steel Sprinkler Pipe is domestically manufactured exclusively for the fire protection industry, including schedule 40 and schedule 10. With the material as specified, Central Sprinkler Company certifies the product is tested and accepted in accordance with ASTM A 135 and A 795 standards.

### Additional Services

With the Central "Roll Your Own Program" Custom lengths are easily accomplished from sizes 18'-0" to 26'-0" ( $\pm 1/8"$ ). Please allow additional lead time to custom roll your order. A minimum order of 10 bundles will be required to complete your custom application, additional charges may be required. Standard stock lengths of 21' and 25' are available by calling any Central Sprinkler Distribution center or call us directly at 800-523-6512 or 215-362-0700, Steel Pipe Division.

### Roll Grooving

Roll grooving is available on any of our schedule 10 standard stock sizes. Please see roll grooving chart for additional charges for this service.

### Roll Grooving (\$/ft)

Pipe Size	\$/ft.	Pipe Size	\$/ft.
1"	N/A	3"	.076
1 1/4"	.043	4"	.086
1 1/2"	.053	6"	.086
2"	.057	8"	N/A
2 1/2"	.065		

### Capacity of One Foot of Pipe Based on Actual Internal Pipe Diameter

(Taken from Table A-3-2.3, NFPA 13, 1991 Edition)

Nominal Pipe Diameter	Gallons	
	Schedule 40	Schedule 10
1"	0.045	0.049
1 1/4"	0.078	0.085
1 1/2"	0.106	0.115
2"	0.174	0.190
2 1/2"	0.248	0.283
3"	0.383	0.433
4"	0.660	0.740
6"	1.501	1.649*
8"	2.660	2.776**

\* 0.134 wall pipe

\*\*0.188 wall pipe

### Hazen-Williams C Values

(Taken from Table 6-4.4.5, NFPA 13, 1991 Edition)

Pipe or Tube	C Value*
Black Steel (dry systems including preaction)	100
Black Steel (wet systems including deluge)	120
Galvanized (all systems)	120
Unlined Cast or Ductile Iron	100

\*The Authority Having Jurisdiction may recommend other C Values.

## Dimensions & Weights

*Schedule 40, Schedule 10, ERW, ASTM A 135 and A 795 Grade A, NH, Eddy Current Tested, Plain End, Black Painted*

Nominal Pipe Size	Outside Diameter (in.)	Nominal Wall Thickness	Theoretical Weight Per Foot (lb/ft)	Standard Lengths	Pieces Per Bundle	Feet Per Bundle	Theoretical Weight Per Bundle (lb)	Approvals
<b>Schedule 40</b>								
1"	1.315	.133	1.679	21'/25'	61	1281'/1525'	2151/2560	UL, FM
1 1/4"	1.660	.140	2.273	21'/25'	61	1281'/1525'	2912/3466	UL, FM
1 1/2"	1.900	.145	2.718	21'/25'	44	924'/1100'	2511/2990	UL, FM
2"	2.375	.154	3.653	21'/25'	37	777'/925'	2838/3379	UL, FM
<b>Schedule 10</b>								
1 1/4"	1.660	.109	1.806	21'/25'	61	1281'/1525'	2314/2754	UL, FM
1 1/2"	1.900	.109	2.085	21'/25'	44	924'/1100'	1927/2294	UL, FM
2"	2.375	.109	2.638	21'/25'	37	777'/925'	2050/2440	UL, FM
2 1/2"	2.875	.120	3.530	21'/25'	37	777'/925'	2743/3265	UL, FM
3"	3.500	.120	4.332	21'	24	504'	2183/2599	UL, FM
4"	4.500	.120	5.610	21'	19	399'	2238/2665	UL, FM
6**	6.625	.134	9.290	21'	10	210'	1950	N/A
8**	8.625	.188	16.940	21'	7	147'	2490	N/A

\*ASTM A 135 or A 53, eddy current or hydrostatic tested, black painted, plain end.

### Warranty

All Central Sprinkler Company manufactured products are warranted against defects in material and workmanship solely to original purchasers. This warranty will continue for a period of one year from the shipping date. Materials found to be defective by Central will be repaired or replaced at Central's option. Central Sprinkler Company will not be responsible for labor charges or consequential expenses or damages incurred as a result of defective products. This warranty is expressly made in lieu of any and all other warranties, expressed or implied, including the warranties of merchantability and fitness.

### Ordering Information

Please indicate the type, size and finish when ordering steel pipe. Be careful to specify plain-end or grooved-end as well as custom cutting when applicable. Make sure to indicate if the shipping address is different than the billing address. *For additional technical or ordering information please contact our Steel Pipe Division at 800-523-6512.*

### Terms & Conditions

**1. Shipping Liability** — Shipping or delivery dates are approximate only. Central Sprinkler assumes no penalty or liability for delays under any circumstances.

**2. Return Shipments** — There shall be no credit given for material returned without written authorization. Requests for such returns shall include the date and invoice number of the original purchase. Returns will be credited for the amount of the purchase price less 20% for handling, inspection, and re-testing provided the goods are in resalable condition. Returns must be shipped freight prepaid.

**3. Method of Shipment** — Unless shipment method is designated by the Buyer, Central will make this selection at Buyer's risk.

**4. Special Terms** — Special material orders and made-to-order products may not be cancelled unless agreed to by Central in writing, and upon agreement for compensation for work already performed.

**5. Price Changes** — Prices are subject to change without prior notice.

**6. Packing** — An extra charge may be incurred for additional handling, paper work and custom charges. Additional lead time may also be required to complete shipment of the order.

**7. Minimum Order** — Bundle quantities only on a direct ship basis.



**Central Sprinkler Company**

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