

WATERWORKS PIPE



EXPLORE OUR COMPREHENSIVE
LINEUP OF WATERWORKS PIPE

BR-WW (826)

CHARLOTTE
PIPE AND FOUNDRY COMPANY
— INFRASTRUCTURE

WATERWORKS PIPE

Since 1901, Charlotte Pipe has a proud heritage of family ownership that goes back five generations, and it still operates on the philosophy of founder Willis Frank Dowd – provide the best service for the customer and produce the best product possible.

PIPE REFERENCE GUIDE																
SIZES AVAILABLE																
PRODUCT	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"
PVC SCH. 80 BELL END	*	*	*	*	*	*	*	*	*		*	*	*	*	*	*
PVC SCH. 80 PLAIN END	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
PVC SCH. 40 BELL END	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
PVC SCH. 40 PLAIN END	*	*	*	*	*	*	*	*	*		*	*	*	*	*	*
PVC SDR 26 (PR 160) GASKETED								*	*		*	*	*	*		
PVC SDR 21 (PR 200) GASKETED						*	*	*	*		*	*	*	*		
PVC SCH. 40 DWV FOAM CORE					*	*		*	*		*	*	*	*		
PVC DR 35 SEWER PIPE GASKETED									*		*	*	*	*	*	*
PVC SDR 26 SEWER PIPE GASKETED									*		*	*	*	*	*	*

Example

WATERWORKS BLOCK PRICING PER FOOT
WBP-FT-326

WATERWORKS BLOCK PRICING

Block 259								
Pressure Rated Pipe, ASTM D 2241, 20' Lengths, Gasketed Bells								
2"	2 1/2"	3"	4"	6"	8"	10"	12"	
SDR-21	0.91	1.27	1.84	3.05	6.46	10.86	16.83	23.69
SDR-26		1.53	2.45	5.26	8.96	13.91	19.53	
Gravity Sewer Pipe, ASTM D 3034, 14' Lengths, Gasketed Bells								
4"	6"	8"	10"	12"	15"			
DR-35	1.63	3.71	6.72	10.47	15.06	22.27		
SDR-26	2.22	4.93	8.92	13.90	19.94	30.03		

Block 260								
Pressure Rated Pipe, ASTM D 2241, 20' Lengths, Gasketed Bells								
2"	2 1/2"	3"	4"	6"	8"	10"	12"	
SDR-21	0.91	1.27	1.85	3.06	6.47	10.89	16.87	23.75
SDR-26		1.53	2.46	5.28	8.99	13.94	19.58	
Gravity Sewer Pipe, ASTM D 3034, 14' Lengths, Gasketed Bells								
4"	6"	8"	10"	12"	15"			
DR-35	1.64	3.72	6.74	10.50	15.10	22.33		
SDR-26	2.23	4.94	8.94	13.94	20.00	30.11		

Block 261								
Pressure Rated Pipe, ASTM D 2241, 20' Lengths, Gasketed Bells								
2"	2 1/2"	3"	4"	6"	8"	10"	12"	
SDR-21	0.91	1.27	1.85	3.07	6.49	10.92	16.92	23.82
SDR-26		1.53	2.47	5.29	9.01	13.98	19.64	
Gravity Sewer Pipe, ASTM D 3034, 14' Lengths, Gasketed Bells								
4"	6"	8"	10"	12"	15"			
DR-35	1.64	3.73	6.76	10.53	15.14	22.39		
SDR-26	2.24	4.96	8.96	13.98	20.05	30.19		

Block 262								
Pressure Rated Pipe, ASTM D 2241, 20' Lengths, Gasketed Bells								
2"	2 1/2"	3"	4"	6"	8"	10"	12"	
SDR-21	0.92	1.28	1.86	3.07	6.51	10.95	16.96	23.88
SDR-26		1.54	2.47	5.31	9.03	14.02	19.69	
Gravity Sewer Pipe, ASTM D 3034, 14' Lengths, Gasketed Bells								
4"	6"	8"	10"	12"	15"			
DR-35	1.64	3.74	6.78	10.56	15.18	22.45		
SDR-26	2.24	4.97	8.99	14.01	20.11	30.27		

AVAILABLE PIPING SYSTEMS – NON-PRESSURE

SCH. 40 DWV FOAM CORE

- Manufactured from polyvinyl chloride
- ASTM F891
- White in color
- 10' or 20' Length



AVAILABLE PIPING SYSTEMS – NON-PRESSURE

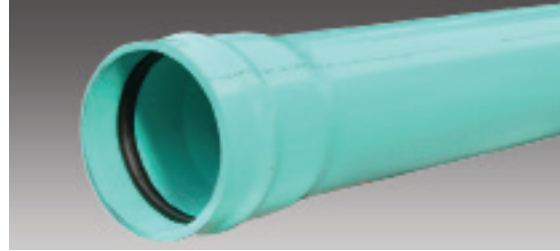


DR 35 GASKETED SEWER MAIN

- Manufactured from polyvinyl chloride
- ASTM D3034
- Green in color
- 14' Length

SDR 26 GASKETED SEWER MAIN

- Manufactured from polyvinyl chloride
- ASTM D3034
- Green in color
- 14' Length



AVAILABLE PIPING SYSTEMS – PRESSURE PIPE

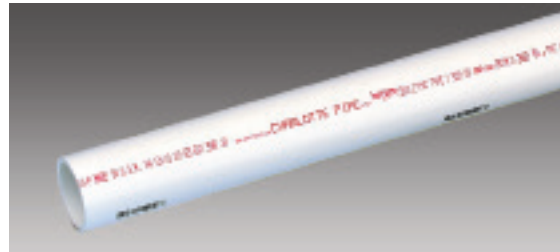


SCH. 80 BELL END / PLAIN END

- Manufactured from polyvinyl chloride
- ASTM D1785, CSA B137.3
- NSF 61
- Dark gray in color
- 20' Length

SCH. 40 BELL END / PLAIN END

- Manufactured from polyvinyl chloride
- ASTM D1785, and ASTM D2665, ASTM F480 (depending on size)
- NSF 61
- White in color
- 10' or 20' Length



SDR 26 GASKETED 160 PSI

- Manufactured from polyvinyl chloride
- ASTM D2241
- NSF 61
- White in color
- 20' Length

SDR 21 GASKETED 200 PSI

- Manufactured from polyvinyl chloride
- ASTM D2241
- NSF 61
- White in color
- 20' Length



LOADING CHART

PVC SDR PRESSURE PIPE (WHITE)

SDR 26 (PR 160 PSI) GASKETED

20' LENGTH						
PIPE SIZE	SKID QTY (FT)	WIDTH (IN)	HEIGHT (IN)	GROSS WT (LB)	SKIDS PER TRUCK	TRUCK % PER SKID
3"	1,000'	47"	14.5"	908 LB	28	3.57%
4"	1,340'	49"	29.5"	2,007 LB	12	8.33%
6"	660'	51"	33"	2,145 LB	12	8.33%
8"	280'	47"	26.5"	1,543 LB	16	6.25%
10"	160'	43"	23.5"	1,367 LB	16	6.25%
12"	60'	39.25"	14.75"	885 LB	28	3.57%

SDR 21 (PR 200 PSI) GASKETED

20' LENGTH						
PIPE SIZE	SKID QTY (FT)	WIDTH (IN)	HEIGHT (IN)	GROSS WT (LB)	SKIDS PER TRUCK	TRUCK % PER SKID
2"	2,220'	48.5"	44.25"	1,165 LB	28	3.57%
2½"	1,460'	48.5"	14.5"	1,096 LB	28	3.57%
3"	1,000'	47"	14.5"	1,138 LB	28	3.57%
4"	1,340'	49"	29.5"	2,522 LB	12	8.33%
6"	660'	51"	33"	2,757 LB	12	8.33%
8"	280'	47"	26.5"	1,891 LB	16	6.25%
10"	160'	43"	23.5"	1,678 LB	16	6.25%
12"	60'	39.25"	14.75"	885 LB	28	3.57%

LOADING CHART

PVC SCH. 40 PIPE (WHITE)

SCH. 40 BELL END

20' LENGTH						
PIPE SIZE	SKID QTY (FT)	WIDTH (IN)	HEIGHT (IN)	GROSS WT (LB)	SKIDS PER TRUCK	TRUCK % PER SKID
1/2"	9,000'	42"	11"	1,440 LB	28	3.57%
3/4"	7,000'	42"	12.5"	1,491 LB	28	3.57%
1"	6,000'	44.5"	15.5"	1,896 LB	24	4.16%
1 1/4"	4,000'	46.5"	14"	1,716 LB	24	4.16%
1 1/2"	3,300'	49"	14"	1,690 LB	28	3.57%
2"	2,220'	48.5"	14.25"	1,530 LB	28	3.57%
2 1/2"	1,460'	48.5"	14.5"	1,591 LB	28	3.57%
3"	1,000'	49"	14.5"	1,425 LB	28	3.57%
4"	1,340'	49"	29.5"	2,775 LB	12	8.33%
5"	760'	47.75"	26"	2,071 LB	12	8.33%
6"	660'	51"	33"	2,420 LB	12	8.33%
8"	280'	47"	26.5"	1,570 LB	16	6.25%
10"	160'	43"	23.5"	1,236 LB	16	6.25%
12"	80'	51"	14.75"	817 LB	28	3.57%
14"	60'	41.5"	16.5"	725 LB	24	4.16%
16"	60'	49.5"	18"	948 LB	20	5.00%

SCH. 40 BELL END

10' LENGTH						
PIPE SIZE	SKID QTY (FT)	WIDTH (IN)	HEIGHT (IN)	GROSS WT (LB)	SKIDS PER TRUCK	TRUCK % PER SKID
3/4"	3,500'	43"	11.5"	746 LB	56	1.78%
1"	3,000'	47"	15.75"	948 LB	44	2.27%

SCH. 40 PLAIN END

20' LENGTH						
PIPE SIZE	SKID QTY (FT)	WIDTH (IN)	HEIGHT (IN)	GROSS WT (LB)	SKIDS PER TRUCK	TRUCK % PER SKID
1/2"	9,000'	42"	10.5"	1,431 LB	28	3.57%
3/4"	7,000'	42"	11.75"	1,484 LB	28	3.57%
1"	6,000'	46"	16"	1,884 LB	24	4.16%
1 1/4"	4,240'	43.5"	14.5"	1,806 LB	24	4.16%
1 1/2"	3,300'	49"	14.5"	1,680 LB	28	3.57%
2"	2,220'	48.5"	14.25"	1,521 LB	28	3.57%
2 1/2"	1,460'	48.5"	14.75"	1,586 LB	28	3.57%
3"	1,000'	49"	14.5"	1,420 LB	28	3.57%
4"	1,340'	49"	30"	2,711 LB	12	8.33%
6"	660'	51"	33"	2,349 LB	12	8.33%
8"	280'	47"	26.5"	1,579 LB	12	8.33%
10"	220'	46.25"	30.5"	1,683 LB	12	8.33%
12"	80'	51"	14.75"	809 LB	28	3.57%
14"	60'	42"	16"	718 LB	24	4.16%
16"	60'	48.5"	18"	938 LB	20	5.00%

LOADING CHART

PVC SCH. 80 PIPE (GRAY)

SCH. 80 BELL END

20' LENGTH						
PIPE SIZE	SKID QTY (FT)	WIDTH (IN)	HEIGHT (IN)	GROSS WT (LB)	SKIDS PER TRUCK	TRUCK % PER SKID
1/2"	9,000'	42"	11"	1,836 LB	24	4.16%
3/4"	7,000'	42"	12.5"	1,932 LB	24	4.16%
1"	3,540'	43"	9"	1,441 LB	28	3.57%
1 1/4"	4,240'	45"	15.25"	2,387 LB	28	3.57%
1 1/2"	3,300'	49"	13.5"	2,251 LB	28	3.57%
2"	2,220'	48.5"	14.25"	2,093 LB	28	3.57%
2 1/2"	1,460'	48.5"	14.5"	2,101 LB	28	3.57%
3"	1,000'	49"	14.50"	1,926 LB	28	3.57%
4"	1,140'	49"	26.25"	3,211 LB	12	8.33%
6"	520'	51"	26"	2,794 LB	12	8.33%
8"	280'	48"	26.5"	2,825 LB	12	8.33%
10"	160'	46.5"	23"	1,936 LB	12	8.33%
12"	60'	39.25"	14.75"	999 LB	28	3.57%
14"	60'	43.75"	16"	1,198 LB	24	4.17%
16"	60'	48"	19"	1,540 LB	20	5.00%

SCH. 80 PLAIN END

20' LENGTH						
PIPE SIZE	SKID QTY (FT)	WIDTH (IN)	HEIGHT (IN)	GROSS WT (LB)	SKIDS PER TRUCK	TRUCK % PER SKID
1/2"	9,000'	42"	11"	1,827 LB	24	4.16%
3/4"	7,000'	42"	12.5"	1,925 LB	24	4.16%
1"	3,540'	43"	9"	1,437 LB	28	3.57%
1 1/4"	4,240'	45"	15.25"	2,379 LB	28	3.57%
1 1/2"	3,300'	49"	13.25"	2,244 LB	28	3.57%
2"	2,220'	48.5"	14.25"	2,087 LB	28	3.57%
2 1/2"	1,460'	48.5"	14.5"	2,094 LB	28	3.57%
3"	1,000'	49"	14.50"	1,920 LB	28	3.57%
4"	1,140'	49"	26.25"	3,201 LB	12	8.33%
5"	760'	49.5"	28"	2,959 LB	16	6.25%
6"	520'	51"	26"	2,785 LB	12	8.33%
8"	280'	47"	26.5"	2,278 LB	12	8.33%
10"	160'	43"	24"	1,930 LB	12	8.33%
12"	80'	51"	14.75"	1,328 LB	12	8.33%
14"	60'	42"	15.5"	1,194 LB	24	4.17%
16"	60'	48"	19"	1,535 LB	20	5.00%

LOADING CHART

PVC SEWER PIPE (NOT FOR PRESSURE) (GREEN)

DR 35 GASKETED

10' LENGTH						
PIPE SIZE	SKID QTY (FT)	WIDTH (IN)	HEIGHT (IN)	GROSS WT (LB)	SKIDS PER TRUCK	TRUCK % PER SKID
4"	938'	49"	29.5"	1,036 LB	18	5.56%
6"	462'	51"	33"	1,153 LB	18	5.56%
8"	196'	47"	26.5"	884 LB	24	4.17%
10"	112'	43"	23.5"	760 LB	24	4.17%
12"	42'	39.25"	14.75"	490 LB	36	2.78%
15"	42"	49"	16.55"	613 LB	18	5.56%

SDR 26 SEWER MAIN PIPE GASKETED

14' LENGTH						
PIPE SIZE	SKID QTY (FT)	WIDTH (IN)	HEIGHT (IN)	GROSS WT (LB)	SKIDS PER TRUCK	TRUCK % PER SKID
4"	938'	49"	29.5"	1,341 LB	18	5.56%
6"	462'	51"	33"	1,474 LB	18	5.56%
8"	196'	47"	26.5"	1,127 LB	24	4.17%
10"	112'	43"	23.5"	1,011 LB	24	4.17%
12"	42'	39.25"	14.75"	541 LB	36	2.78%
15"	42'	49"	16.55"	817 LB	18	5.56%

PVC SCH 40 FOAM CORE (NOT FOR PRESSURE) (WHITE)

SCH 40 FOAM CORE

10' LENGTH						
PIPE SIZE	SKID QTY (FT)	WIDTH (IN)	HEIGHT (IN)	GROSS WT (LB)	SKIDS PER TRUCK	TRUCK % PER SKID
1½"	1,650'	49"	15.5"	530 LB	56	1.78%
2"	1,110'	48.5"	14.25"	478 LB	56	1.78%
3"	1,130'	49"	29"	1,011 LB	24	4.16%
4"	670'	49"	30"	854 LB	24	4.16%
6"	330'	51"	33"	740 LB	24	4.16%

20' LENGTH						
PIPE SIZE	SKID QTY (FT)	WIDTH (IN)	HEIGHT (IN)	GROSS WT (LB)	SKIDS PER TRUCK	TRUCK % PER SKID
1½"	3,330'	49"	15.5"	1,059 LB	28	3.57%
2"	2,200'	48.5"	14.25"	957 LB	28	3.57%
3"	1,000'	49"	14.5"	895 LB	28	3.57%
4"	1,340'	49"	30"	1,709 LB	12	8.33%
6"	660'	51"	33"	1,479 LB	12	8.33%
8"	280'	47"	26.5"	952 LB	16	6.25%
10"	220'	47.5"	31"	1,060 LB	12	8.33%
12"	80'	51"	14.75"	510 LB	28	3.57%

**We proudly manufacture 100% of our products
in the USA—supporting domestic jobs, reliable
supply chains, and federal compliance.**



**For over a century, Charlotte Pipe and Foundry has been a trusted,
steadfast name, crafting the foundation of homes and buildings.
Our commitment to meeting the expectations of our customers,
associates and owners is supported by our conviction of
making things right.**

**We bring the wisdom of a 125-year legacy and the grit of a modern
powerhouse to projects, and now, our reputation extends beyond the
building to the core of our communities through our Infrastructure Division.**

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CHARLOTTE
PIPE AND FOUNDRY COMPANY

[CHARLOTTEPIPE.COM/INFRASTRUCTURE](https://charlottepipe.com/infrastructure)

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