

# Retail Products

THE PREFERRED BRAND OF PIPE AND FITTINGS BY PRO'S and DIY'ers



# TABLE OF CONTENTS

WHAT WE SELL.....	3
RETAIL SERVICES.....	4
MANUFACTURING LOCATIONS.....	5
PIPE REFERENCE GUIDE.....	6
LOADING CHARTS .....	7-11
PVC SCHEDULE 40 .....	7
PVC SDR 21, SDR 26 AND SDR 32.5 .....	8
PVC SDR 41 AND CPVC COPPER TUBE SIZE SDR 11 .....	9
PVC SCHEDULE 80 .....	10
PVC SDR 35 SEWER .....	11
PVC ASTM D 2729 .....	11



## ABOUT CHARLOTTE PIPE® AND OUR PRODUCTS

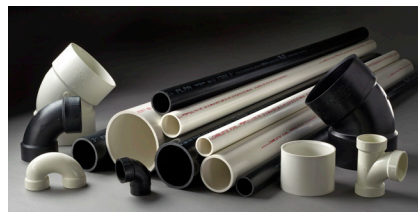
Charlotte Pipe and Foundry Company is the largest manufacturer of DWV pipe and fitting systems in the country, producing the industry's broadest range of standard and specialty DWV products.

Our product line includes ABS, PVC, and FlowGuard Gold® CPVC CTS pipe and fittings for both residential and commercial plumbing systems. Sizes range from ¼ to 16 inches, based on material.



### What We Sell

- > PVC Schedule 40 Pressure Pipe and Fittings
- > PVC Schedule 40 DWV Pipe and Fittings
- > FlowGuard Gold® CPVC CTS Pipe and Fittings
- > PVC Schedule 40 Foam Core Pipe
- > PVC DWV 2 Foot Pipe
- > ABS DWV Pipe and Fittings
- > PVC PR-315, PR-160, PR-200 Pressure Pipe
- > PVC SDR 35 Sewer Main Pipe
- > 2729 Sewer and Drain Pipe
- > PVC Schedule 80 Pipe and Fittings
- > PVC Schedule 30 Thin Wall Pipe and Fittings



### DWV - PVC & ABS

We offer a complete line of standard and specialty DWV plumbing products for use in gravity-fed waste drainage systems. PVC pipe and fittings are manufactured in sizes from 1¼ inches through 16 inches, and ABS in 1½ inches through 6 inches.

As the largest manufacturer that makes both pipe and fittings, Charlotte Pipe can be your single source for all your plastic pipe and fittings needs.



### PRESSURE

We produce a full line of pipe and fittings for use in pressure applications where temperatures will not exceed 140 degrees F.

All Charlotte Pipe pressure products are highly resilient and inert to attack by many chemicals.



### FLOWGUARD GOLD® CPVC CTS

We offer a complete line of FlowGuard Gold® pipe and fittings for hot- and cold-water distribution. FlowGuard Gold pipe and fittings are specially formulated, tested and proven to maintain water purity, resist corrosion and provide durability.



### LARGE-DIAMETER FITTINGS

Our line of large-diameter fittings includes injection-molded and fabricated fittings produced by experienced fabricators with the latest technology available. This ensures our fittings are attractive in appearance and manufactured to the high-quality standards our customers know and expect.

Also, since we manufacture our own pipe for fabrication, there are no missing product markings. Charlotte Pipe large-diameter fittings are available in sizes ranging from 8 inches through 16 inches.



### PVC SCHEDULE 80

Designed as a system to fit precisely and function flawlessly, our PVC Schedule 80 pipe and fittings are available in sizes ranging from 1/2 inch through 12 inches.

**All Charlotte Pipe® products are proudly made in the USA.**


In fact, we employ more than 1,700 loyal, hard-working associates, have six extrusion plants and are headquartered in Charlotte, NC.

### Retail Services Include:

- Technologically Advanced Manufacturing Facilities
- Planogram Support
- Bin Tags and Header Boards Offered

**CHARLOTTE**  
PIPE AND FOUNDRY COMPANY  
[www.charlottepipe.com](http://www.charlottepipe.com)

### PVC Drain Waste and Vent (DWV) Fittings (Not for Pressure)



**Installation Steps**

1. CUT, DE-BURR, BEVEL & CLEAN
2. SELECT THE CORRECT PRIMER & CEMENT
3. USE AN APPLICATOR 1/2 THE SIZE OF THE PIPE DIAMETER
4. EVENLY COAT THE PIPE AND FITTING JOINING SURFACES
5. JOIN THE PIPE AND FITTING
6. ALLOW TO CURE

- White pipe and fittings used in sanitary DWV, sewer and storm drainage applications
- For use where systems will not exceed 140° F
- Require no special tools for cutting
- Made in the USA

\*DWV stands for:  
D = drains from tubs and sinks  
W = waste from toilets  
V = vents for air into/out of the system

**CHARLOTTE**  
PIPE AND FOUNDRY COMPANY  
[www.charlottepipe.com](http://www.charlottepipe.com)

### PVC Schedule 40 Pressure Fittings



**Installation Steps**

1. CUT, DE-BURR, BEVEL & CLEAN
2. SELECT THE CORRECT PRIMER & CEMENT
3. USE AN APPLICATOR 1/2 THE SIZE OF THE PIPE DIAMETER
4. EVENLY COAT THE PIPE AND FITTING JOINING SURFACES
5. JOIN THE PIPE AND FITTING
6. ALLOW TO CURE

- White pipe and fittings used in pressure applications such as irrigation, cold water supply lines, outdoor applications
- Intended for pressure use
- For use where systems will not exceed 140° F
- Require no special tools for cutting
- Made in the USA

Sample Header Boards

**CPVC CTS**  
FlowGuard Gold™  
**1/2"**  
CTS 02300 0600HA



**CPVC CTS Elbow 90°**  
5 x 5

Codo 90° CPVC CTS  
Cem x Cem



WARNING: This product can expose you to chemicals including Stannous dioxide which are known to the State of California to cause cancer. For more information go to [www.PSDWA.org](http://www.PSDWA.org).

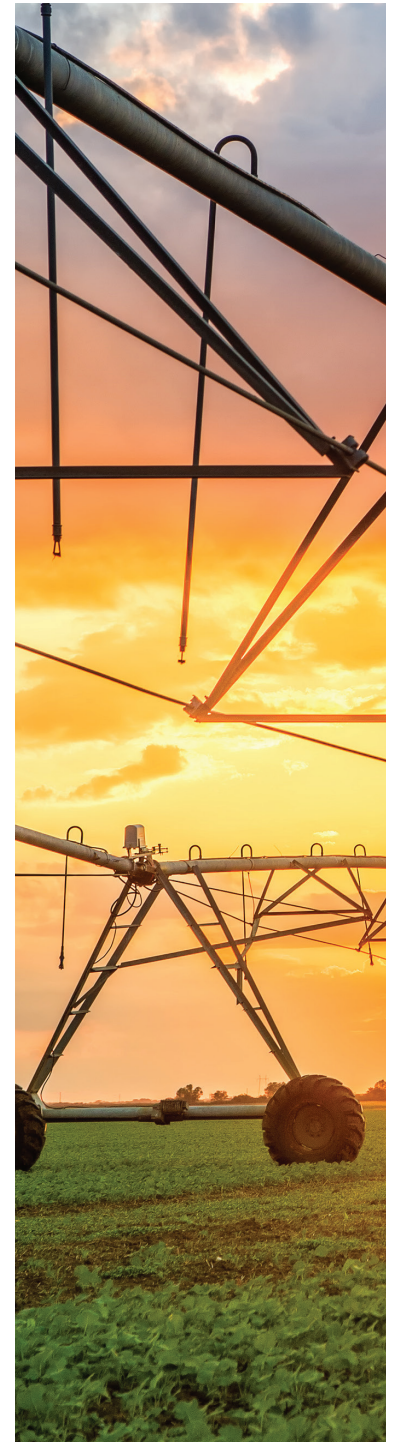
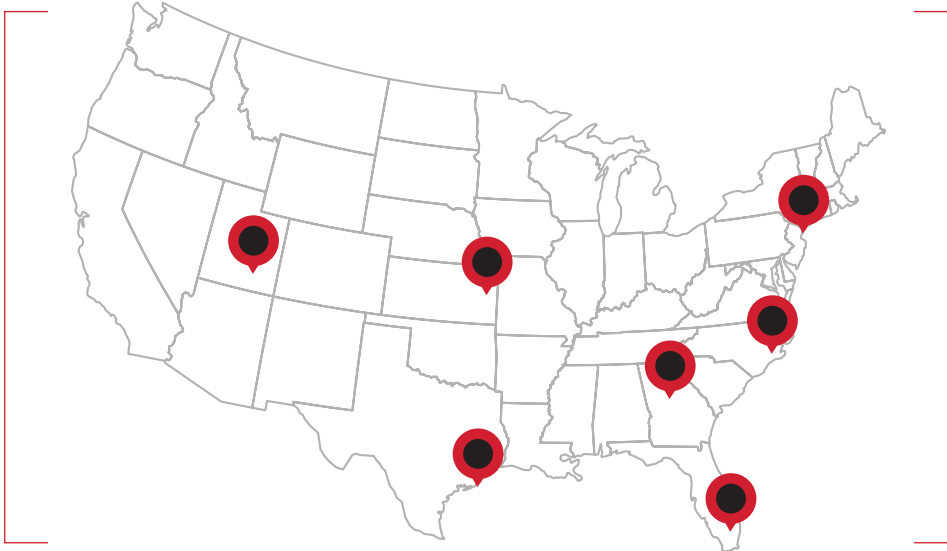
**CHARLOTTE**  
PIPE AND FOUNDRY COMPANY

Sample Bin Tag

**You can't beat the system.®**

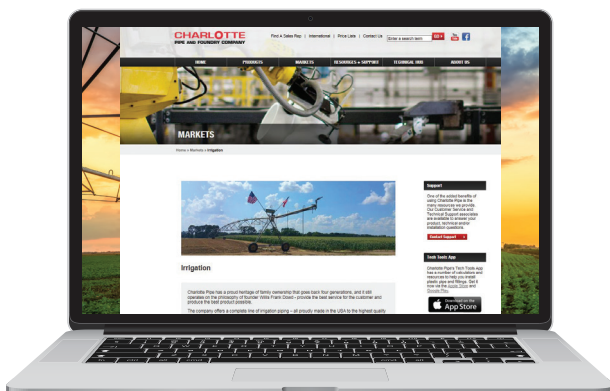
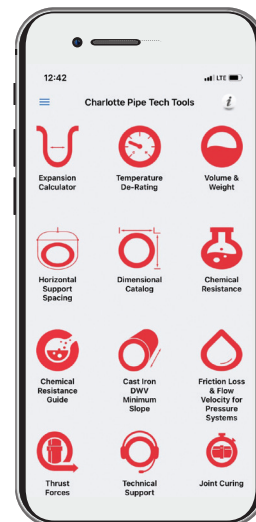
# Multiple Locations to Serve You.

Charlotte Pipe has manufacturing facilities across the U.S.

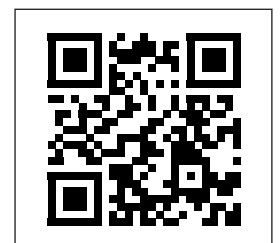


## Resources for You.

[charlottepipe.com/techtoolsapp](http://charlottepipe.com/techtoolsapp). Download it now at the App Store and Google Play and scan our QR code for tools such as our easy friction loss and flow velocity calculator for pressure systems, and more.



Get more information on our products, technical specs and much more at [charlottepipe.com/retail](http://charlottepipe.com/retail)



<b>PIPE REFERENCE GUIDE</b>																	
<b>SIZES AVAILABLE</b>																	
<b>PRODUCT</b>	<b>½</b>	<b>¾</b>	<b>1</b>	<b>1¼</b>	<b>1½</b>	<b>2</b>	<b>2½</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>8</b>	<b>10</b>	<b>12</b>	<b>14</b>	<b>15</b>	<b>16</b>
FlowGuard Gold® CPVC CTS	*	*	*	*	*	*											
PVC SCH. 40 BELL END	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
PVC SCH. 40 PLAIN END	*	*	*	*	*	*	*	*	*		*	*	*	*	*		*
PVC SCH. 80 BELL END	*	*	*	*	*	*	*	*	*		*	*	*	*			
PVC SCH. 80 PLAIN END	*	*	*	*	*	*	*	*	*	*	*	*	*	*			
PVC SDR 41 (PR 100) BELL END								*	*	*	*	*	*	*			
PVC SDR 32.5 (PR 125) BELL END							*	*	*	*	*	*	*	*			
PVC SDR 26 (PR 160) BELL END				*	*	*	*	*	*		*						
PVC SDR 21 (PR 200) BELL END		*	*	*	*	*	*	*	*		*						
PVC SDR 35 SEWER PIPE BELL END									*		*						
PVC SDR 35 SEWER PIPE GASKETED									*		*	*					
PVC 2729 SEWER/DRAIN PIPE BELL END (SOLID WALL)								*	*		*						
PVC 2729 SEWER/DRAIN PIPE BELL END (PERFORATED)								*	*								

**LOADING CHART**

**PVC SCH. 40 PIPE (WHITE)**

<b>SCH. 40 BELL END</b>						
<b>20' LENGTH (Most Sizes Available in 10' Length)</b>						
<b>PIPE SIZE</b>	<b>SKID QTY (FT)</b>	<b>WIDTH (IN)</b>	<b>HEIGHT (IN)</b>	<b>GROSS WT (LB)</b>	<b>SKIDS PER TRUCK</b>	<b>TRUCK % PER SKID</b>
½"	9,000'	42"	11"	1,431 LB	36	2.77%
¾"	7,000'	42"	12.5"	1,477 LB	32	3.12%
1"	6,000'	44.5"	15.5"	1,878 LB	24	4.16%
1¼"	4,000'	46.5"	14"	1,696 LB	28	3.57%
1½"	3,300'	49"	14"	1,709 LB	28	3.57%
2"	2,220'	48.5"	14.25"	1,543 LB	28	3.57%
2½"	1,460'	48.5"	14.5"	1,606 LB	28	3.57%
3"	1,000'	49"	14.5"	1,442 LB	28	3.57%
4"	1,340'	49"	29.5"	2,822 LB	12	8.33%
5"	760'	47.75"	26"	2,071 LB	12	8.33%
6"	660'	51"	33"	2,463 LB	12	8.33%
8"	280'	47"	26.5"	1,579 LB	12	8.33%
10"	160'	43"	23.5"	1,250 LB	16	6.25%
12"	80'	51"	14.75"	827 LB	28	3.57%
14"	60'	41.5"	16.5"	733 LB	24	4.16%
16"	60'	49.5"	18"	957 LB	20	5.00%

<b>SCH. 40 PLAIN END</b>						
<b>20' LENGTH (Most Sizes Available in 10' Length)</b>						
<b>PIPE SIZE</b>	<b>SKID QTY (FT)</b>	<b>WIDTH (IN)</b>	<b>HEIGHT (IN)</b>	<b>GROSS WT (LB)</b>	<b>SKIDS PER TRUCK</b>	<b>TRUCK % PER SKID</b>
½"	9,000'	42"	10.5"	1,431 LB	28	3.57%
¾"	7,000'	42"	11.75"	1,484 LB	28	3.57%
1"	6,000'	46"	16"	1,884 LB	24	4.16%
1¼"	4,240'	43.5"	14.5"	1,806 LB	24	4.16%
1½"	3,300'	49"	14.5"	1,680 LB	28	3.57%
2"	2,200'	48.5"	14.25"	1,521 LB	28	3.57%
2½"	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 SDR PRESSURE PIPE (WHITE)

## SDR 21 (PR 200 PSI) BELL END

## 20' LENGTH

PIPE SIZE	SKID QTY (FT)	WIDTH (IN)	HEIGHT (IN)	GROSS WT (LB)	SKIDS PER TRUCK	TRUCK % PER SKID
¾"	7,000'	42.5"	11"	889 LB	36	2.77%
1"	6,000'	43.25"	15"	1,014 LB	24	4.16%
1¼"	4,000'	43"	14.5"	1,020 LB	28	3.57%
1½"	3,300'	46.5"	15.5"	1,069 LB	24	4.16%
2"	2,220'	48.5"	14.25"	1,128 LB	28	3.57%
2½"	1,460'	48.5"	14.5"	1,105 LB	28	3.57%
3"	1,000'	47"	14.5"	1,124 LB	28	3.57%
4"	1,340'	49"	29.5"	2,482 LB	12	8.33%
6"	660'	43"	28"	1,932 LB	12	8.33%

## SDR 26 (PR 160 PSI) BELL END

## 20' LENGTH

PIPE SIZE	SKID QTY (FT)	WIDTH (IN)	HEIGHT (IN)	GROSS WT (LB)	SKIDS PER TRUCK	TRUCK % PER SKID
1¼"	4,000'	46.5"	13.75"	860 LB	28	3.57%
1½"	3,300'	47"	15.5"	891 LB	24	4.16%
2"	2,200'	48.5"	14.25"	919 LB	28	3.57%
2½"	1,460'	48.5"	14.50"	896 LB	28	3.57%
3"	1,000'	47"	14.5"	908 LB	28	3.57%
4"	1,340'	49"	29.5"	2,070 LB	12	8.33%
6"	660'	51"	33"	2,657 LB	12	8.33%

## SDR 32.5 (PR 125 PSI) BELL END

## 20' LENGTH

PIPE SIZE	SKID QTY (FT)	WIDTH (IN)	HEIGHT (IN)	GROSS WT (LB)	SKIDS PER TRUCK	TRUCK % PER SKID
2½"	1,460'	48.5"	14.5"	717 LB	28	3.57%
3"	1,000'	46"	14.25"	733 LB	28	3.57%
4"	1,340'	49"	29.5"	1,615 LB	12	8.33%
5"	760'	47.75"	26"	1,402 LB	12	8.33%
6"	660'	51"	33"	1,730 LB	12	8.33%
8"	280'	47"	26.5"	1,241 LB	16	6.25%
10"	160'	43"	23.5"	1,159 LB	16	6.25%
12"	80'	51"	14.75"	776 LB	28	3.57%



## LOADING CHART

### PVC SDR PRESSURE PIPE (WHITE)

#### SDR 41 (PR 100 PSI) BELL END

20' LENGTH						
PIPE SIZE	SKID QTY (FT)	WIDTH (IN)	HEIGHT (IN)	GROSS WT (LB)	SKIDS PER TRUCK	TRUCK % PER SKID
3"	1,000'	46"	14.25"	581 LB	28	3.57%
4"	1,340'	49"	29.5"	1,294 LB	12	8.33%
5"	760'	47.75"	26"	1,123 LB	12	8.33%
6"	660'	51"	33"	1,383 LB	12	8.33%
8"	280'	47"	26.5"	990	16	6.25%
10"	160'	43"	23.5"	880 LB	16	6.25%
12"	80'	51"	14.75"	619 LB	28	3.57%

### CPVC COPPER TUBE SIZE (TAN)

#### FlowGuard Gold® CPVC SDR 11 PLAIN END COPPER TUBE SIZE PIPE

20' LENGTH						
PIPE SIZE	SKID QTY (FT)	WIDTH (IN)	HEIGHT (IN)	GROSS WT (LB)	SKIDS PER TRUCK	TRUCK % PER SKID
½"	24,000'	44.25"	19"	1,968 LB	20	5.00%
¾"	12,000'	45"	18.25"	1,668 LB	24	4.16%
1"	7,200'	45"	17.75"	1,627 LB	24	4.16%
1¼"	4,800'	46.5"	17.25"	1,618 LB	24	4.16%
1½"	2,880'	43.5"	16.75"	1,354 LB	24	4.16%
2"	1,920'	43"	17"	1,536 LB	24	4.16%

#### FlowGuard Gold® CPVC SDR 11 PLAIN END COPPER TUBE SIZE PIPE

10' LENGTH						
PIPE SIZE	SKID QTY (FT)	WIDTH (IN)	HEIGHT (IN)	GROSS WT (LB)	SKIDS PER TRUCK	TRUCK % PER SKID
½"	12,000'	43.5"	14"	984 LB	40	2.50%
¾"	6,000'	42.25"	14"	834 LB	40	2.50%
1"	3,600'	42.25"	13.5"	814 LB	40	2.50%
1¼"	2,400'	42.5"	13.5"	809 LB	40	2.50%
1½"	1,440'	42"	10.75"	677 LB	40	2.50%
2"	960'	42.25"	13.5"	960 LB	40	2.50%

## LOADING CHART

## PVC SCH. 80 PIPE (GRAY)

## SCH. 80 BELL END

20' LENGTH (Most Sizes Available in 10' Length)

PIPE SIZE	SKID QTY (FT)	WIDTH (IN)	HEIGHT (IN)	GROSS WT (LB)	SKIDS PER TRUCK	TRUCK % PER SKID
½"	9,000'	42"	11"	1,827 LB	24	4.16%
¾"	7,000'	42"	12.5"	1,925 LB	24	4.16%
1"	3,540'	43"	9"	1,434 LB	44	2.27%
1¼"	4,240'	45"	15.25"	2,379 LB	24	4.16%
1½"	3,300'	49"	13.5"	2,244 LB	28	3.57%
2"	2,220'	48.5"	14.25"	2,087 LB	28	3.57%
2½"	1,460'	48.5"	14.5"	2,094 LB	28	3.57%
3"	1,000'	49"	14.50"	1,942 LB	28	3.57%
4"	1,140'	49"	26.25"	3,184 LB	12	8.33%
6"	520'	51"	26"	2,770 LB	12	8.33%
8"	280'	47"	26.5"	2,278 LB	16	6.25%
10"	160'	47"	26.5"	1,919 LB	16	6.25%
12"	60'	39.25"	14.75"	990 LB	28	3.57%

## SCH. 80 PLAIN END

20' LENGTH (Most Sizes Available in 10' Length)

PIPE SIZE	SKID QTY (FT)	WIDTH (IN)	HEIGHT (IN)	GROSS WT (LB)	SKIDS PER TRUCK	TRUCK % PER SKID
½"	9,000'	42"	11"	1,827 LB	24	4.16%
¾"	7,000'	42"	12.5"	1,925 LB	24	4.16%
1"	3,540'	43"	9"	1,434 LB	44	2.27%
1¼"	4,240'	45"	15.25"	2,379 LB	24	4.16%
1½"	3,300'	49"	13.5"	2,244 LB	28	3.57%
2"	2,220'	48.5"	14.25"	2,087 LB	28	3.57%
2½"	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'	48"	25.25"	2,278 LB	12	8.33%
10"	160'	43"	24"	1,930 LB	16	6.25%
12"	80'	51"	14.75"	1,328 LB	28	3.57%

## LOADING CHART

### PVC SEWER PIPE (NOT FOR PRESSURE) (GREEN)

#### SDR 35 BELLED END

##### 20' LENGTH

PIPE SIZE	SKID QTY (FT)	WIDTH (IN)	HEIGHT (IN)	GROSS WT (LB)	SKIDS PER TRUCK	TRUCK % PER SKID
4"	1,340'	49"	29.5"	1,365 LB	12	8.33%
6"	660'	51"	33"	1,502 LB	12	8.33%

#### SDR 35 BELLED END

##### 10' LENGTH

PIPE SIZE	SKID QTY (FT)	WIDTH (IN)	HEIGHT (IN)	GROSS WT (LB)	SKIDS PER TRUCK	TRUCK % PER SKID
4"	670'	49"	29.5"	683 LB	24	4.16%

#### SDR 35 GASKETED

##### 20' LENGTH

PIPE SIZE	SKID QTY (FT)	WIDTH (IN)	HEIGHT (IN)	GROSS WT (LB)	SKIDS PER TRUCK	TRUCK % PER SKID
4"	1340'	49"	29.5"	1,470 LB	12	8.33%
6"	660'	51"	33"	1,630 LB	12	8.33%

#### SDR 35 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"	1,036 LB	18	5.56%
6"	462'	51"	33"	1,153 LB	18	5.56%
8"	196'	47"	26.5"	884 LB	18	5.56%

### PVC 2729 SEWER & DRAIN PIPE (NOT FOR PRESSURE) (WHITE)

#### 2729 PIPE BELLED END (SOLID WALL)

##### 10' LENGTH

PIPE SIZE	SKID QTY (FT)	WIDTH (IN)	HEIGHT (IN)	GROSS WT (LB)	SKIDS PER TRUCK	TRUCK % PER SKID
3"	1,130'	49"	29"	522 LB	24	4.16%
4"	670'	49"	30"	431 LB	24	4.16%
6"	330'	51"	33"	423 LB	24	4.16%

#### 2729 PIPE BELLED END (PERFORATED)

##### 10' LENGTH

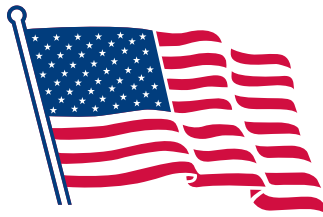
PIPE SIZE	SKID QTY (FT)	WIDTH (IN)	HEIGHT (IN)	GROSS WT (LB)	SKIDS PER TRUCK	TRUCK % PER SKID
3"	1,130'	49"	29"	519 LB	24	4.16%
4"	670'	49"	30"	430 LB	24	4.16%

2109 RANDOLPH ROAD  
CHARLOTTE  
NORTH CAROLINA 28207

PHONE (800) 438-6091  
(704) 348 6450

INTERNATIONAL FAX  
(704) 348 6554

[WWW.CHARLOTTEPIPE.COM/RETAIL](http://WWW.CHARLOTTEPIPE.COM/RETAIL)



All products manufactured by  
Charlotte Pipe and Foundry Company  
are proudly made in the U.S.A.

**CHARLOTTE**  
**PIPE AND FOUNDRY COMPANY**