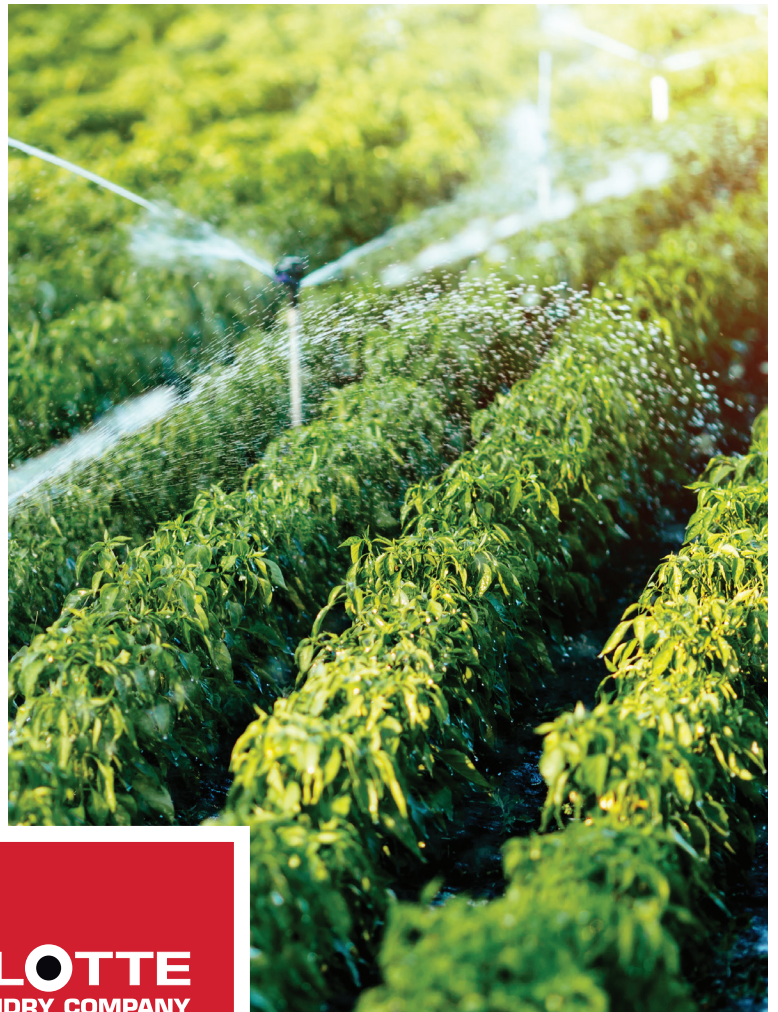
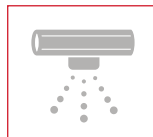




CHARLOTTE
PIPE AND FOUNDRY COMPANY
IRRIGATION DIVISION



Family-Owned Since 1901— Trust Charlotte Pipe® for All Your Irrigation Product Needs.



Charlotte Pipe has a proud heritage of family ownership that goes back four 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.

The company offers a complete line of irrigation piping—all proudly made in the USA to the highest quality standards.

- > **PIP PR 50/SDR 81 THROUGH PR 200/SDR 21**
- > **PR 100/SDR 41 THROUGH PR 315/SDR 13.5**
- > **D3034/SDR 35 SEWER**
- > **SCH 40 AND SCH 80**
- > **SOLVENT WELD, GASKET, PURPLE RECLAIMED**

Get What You Need, When You Need It.

Charlotte Pipe's packaging and shipping systems allow quick delivery of large or small quantities. Our pallet configurations and bundles are designed for easy storage in your yard and to simplify picking and delivery.



We offer many options, including:

- > Job site delivery—product shipments to your specific project location*
- > Flexible freight—partial-truck and mixed-truckload, and non-peak orders.
- > LTL, less-than-truckload drops at multiple locations*
- > Regional stock—Charlotte Pipe's irrigation pipe is manufactured and stocked in six plants throughout the United States.

*based on minimum pallet quantities



World-Class Customer Service.

Our experienced customer service associates provide unmatched service, offering a wealth of information on products, orders and processes. We take a team approach to serving your business with flexibility and reliability you can count on.

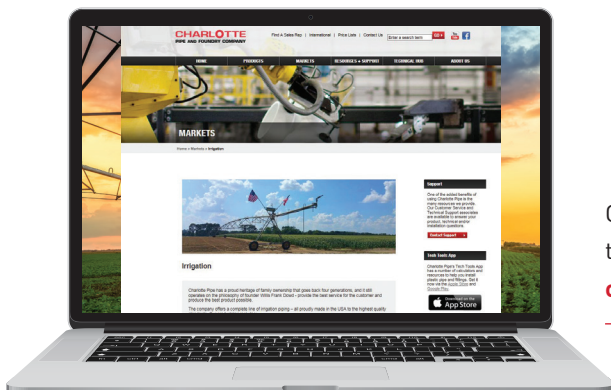
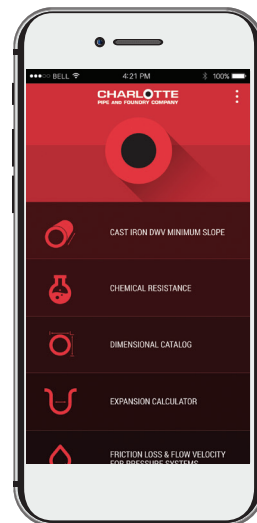
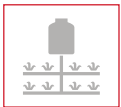
Multiple Locations to Serve You.

Charlotte Pipe has manufacturing facilities across the U.S.

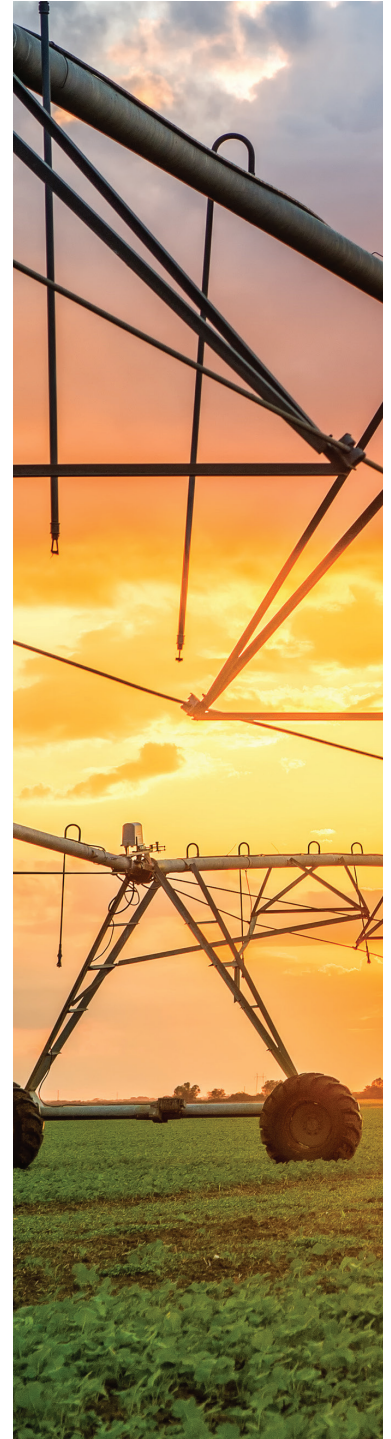


Resources for You.

Download the Charlotte Pipe Tech Tools App at iTunes and Google Play 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/irrigation

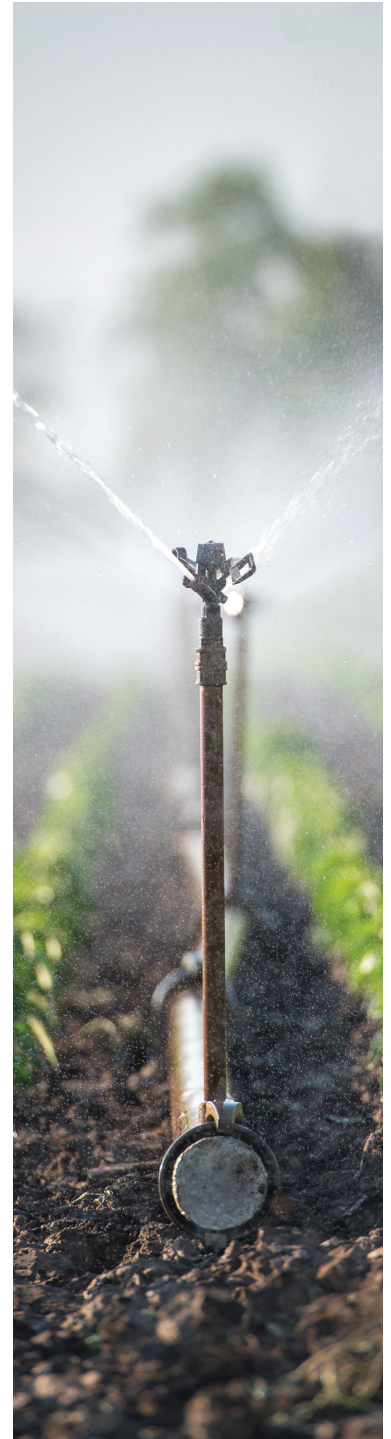


SPECIFICATIONS FOR SDR—SCH. 40-SCH. 80 PVC PIPE

PIPE DIAMETER	OD INCHES ± TOL.	SPECS	100 PSI SDR 41	125 PSI SDR 32.5	160 PSI SDR 26	200 PSI SDR 21	315 PSI SDR 13.5	SCH 40	SCH 80 Grey
½"	0.840 0.004 -0.004	ID INCHES WALL MIN					0.696 0.062	0.620 0.109	0.526 0.147
		LB/FT					0.106	0.164	0.205
		RATED PSI						600.00	850.00
		VOL G/CFT					1.980	1.57	1.20
¾"	1.050 0.004 -0.004	ID INCHES WALL MIN				0.910 0.060		0.804 0.113	0.722 0.154
		LB/FT				0.131		0.218	0.278
		RATED PSI						480.00	690.00
		VOL G/CFT				3.38		2.64	2.13
1"	1.315 0.005 -0.005	ID INCHES WALL MIN				1.169 0.063		1.029 0.133	0.936 0.179
		LB/FT				0.174		0.321	0.409
		RATED PSI						450.00	630.00
		VOL G/CFT				5.58		4.32	3.57
1½"	1.660 0.005 -0.005	ID INCHES WALL MIN			1.512 0.064	1.482 0.079		1.360 0.140	1.255 0.191
		LB/FT			0.225	0.268		0.434	0.567
		RATED PSI						370.00	520.00
		VOL G/CFT			9.23	8.96		7.55	6.43
1½"	1.900 0.006 -0.006	ID INCHES WALL MIN			1.734 0.073	1.700 0.090		1.590 0.145	1.476 0.200
		LB/FT			0.289	0.345		0.518	0.686
		RATED PSI						330.00	470.00
		VOL G/CFT			12.27	11.79		10.31	8.89
2"	2.375 0.006 -0.006	ID INCHES WALL MIN			2.173 0.091	2.129 0.113		2.047 0.154	1.913 0.218
		LB/FT			0.440	0.530		0.695	0.949
		RATED PSI						280.00	400.00
		VOL G/CFT			19.27	18.49		17.10	14.93
2½"	2.875 0.007 -0.007	ID INCHES WALL MIN		2.679 0.088	2.635 0.110	2.581 0.137		2.445 0.203	2.290 0.276
		LB/FT		0.521	0.633	0.768		1.096	1.449
		RATED PSI						300.00	420.00
		VOL G/CFT		29.28	28.33	27.18		24.39	21.40
3"	3.500 0.008 -0.008	ID INCHES WALL MIN	3.310 0.085	3.264 0.108	3.210 0.135	3.146 0.167		3.042 0.216	2.864 0.300
		LB/FT	0.620	0.764	0.932	1.127		1.435	1.938
		RATED PSI						260.00	370.00
		VOL G/CFT	44.70	43.47	42.04	40.39		37.76	33.47
4"	4.500 0.009 -0.009	ID INCHES WALL MIN	4.260 0.110	4.204 0.138	4.133 0.173	4.046 0.214		4.00 0.237	3.786 0.337
		LB/FT	1.007	1.234	1.521	1.858		2.043	2.833
		RATED PSI						220.00	320.00
		VOL G/CFT	74.04	72.11	69.69	66.79		65.21	58.48
5"	5.563 0.010 -0.010	ID INCHES WALL MIN	5.271 0.136	5.200 0.171	5.108 0.214	5.001 0.265		5.016 0.258	4.786 0.375
		LB/FT	1.515	1.876	2.330	2.843		2.776	3.938
		RATED PSI						190.00	290.00
		VOL G/CFT	113.36	110.32	106.45	102.04		102.65	93.46
6"	6.625 0.011 -0.011	ID INCHES WALL MIN	6.281 0.162	6.193 0.204	6.084 0.255	5.955 0.316		6.031 0.280	5.709 0.432
		LB/FT	2.126	2.652	3.299	4.036		3.600	5.411
		RATED PSI						180.00	280.00
		VOL G/CFT	160.96	156.48	151.02	144.69		148.40	132.98
8"	8.625 0.015 -0.015	ID INCHES WALL MIN	8.180 0.210	8.063 0.265	7.921 0.332	7.756 0.411		7.941 0.322	7.565 0.500
		LB/FT	3.589	4.491	5.578	6.825		5.427	8.219
		RATED PSI						160.00	250.00
		VOL G/CFT	273.00	265.250	255.99	245.43		257.28	232.50
10"	10.750 0.015 -0.015	ID INCHES WALL MIN	10.195 0.262	10.048 0.331	9.874 0.413	9.667 0.512		9.976 0.365	9.494 0.593
		LB/FT	5.577	6.992	8.652	10.599		7.683	12.288
		RATED PSI						140.00	230.00
		VOL G/CFT	424.07	411.93	397.78	381.28		406.04	
12"	12.750 0.015 -0.015	ID INCHES WALL MIN	12.091 0.311	11.919 0.392	11.711 0.490	11.465 0.607		11.889 0.406	11.294 0.687
		LB/FT	7.851	9.829	12.183	14.913		10.171	17.560
		RATED PSI						130.00	230.000
		VOL G/CFT	596.46	579.62	559.56	536.30		571.86	
14"	14.000 0.015 -0.015	ID INCHES WALL MIN						13.073 0.437	12.41 0.750
		LB/FT						12.050	19.300
		RATED PSI						130.00	220.00
		VOL G/CFT						-	-
16"	16.000 0.019 -0.019	ID INCHES WALL MIN						14.94 0.500	14.213 0.843
		LB/FT						15.757	25.440
		RATED PSI						130.00	220.00
		VOL G/CFT						-	-

SPECIFICATIONS FOR SDR—PIP

PIPE DIAMETER	OD INCHES ± TOL.	SPECS	50 PSI SDR 81	80 PSI SDR 51	100 PSI SDR 41	125 PSI SDR 32.5	160 PSI SDR 26	200 PSI SDR 21
6"	6.140 0.011 -0.011	WALL MIN	0.076	0.120	0.150	0.189		
		LB/FT	0.948	1.480	1.838	2.300		
8"	8.160 0.015 -0.015	WALL MIN	0.101	0.160	0.199	0.251		
		LB/FT	1.674	2.622	3.242	4.060		
10"	10.200 0.015 -0.015	WALL MIN	0.126	0.200	0.249	0.314		
		LB/FT	2.707	4.102	5.075	6.354		
12"	12.240 0.015 -0.015	WALL MIN	0.151	0.240	0.299	0.377		
		LB/FT	3.754	5.905	7.314	9.157		
15"	15.300 0.016 -0.016	WALL MIN	0.189	0.300	0.373	0.471	0.588	0.728
		LB/FT	5.873	9.233	11.412	14.303	17.711	21.721



Pipe Skid Quantities, Dimensions and Truck %

PIP SDR PIPE (WHITE)

MATERIAL DESCRIPTION	SKID QTY (FT)	WIDTH (IN)	HEIGHT (IN)	GROSS WT (LB)	SKIDS/ TRUCK	TRUCK %
6 X 22 PR 80 GASKET	726	45.98	33.7	1,081	12	8.33
6 X 22 PR 100 GASKET	726	45.98	33.7	1,343	12	8.33
6 X 22 PR 125 GASKET	726	45.98	33.7	1,680	12	8.33
6 X 44 PR 50 GASKET	1,452	45.98	33.7	1,363	6	16.67
6 X 44 PR 80 GASKET	1,452	45.98	33.7	2,133	6	16.67
6 X 44 PR 100 GASKET	1,452	45.98	33.7	2,651	6	16.67
8 X 22 PR 80 GASKET	220	43.8	19.32	582	20	5.00
8 X 22 PR 100 GASKET	220	43.8	19.32	719	20	5.00
8 X 22 PR 125 GASKET	220	43.8	19.32	900	20	5.00
8 X 44 PR 50 GASKET	440	43.8	19.32	730	10	10.00
8 X 44 PR 80 GASKET	440	43.8	19.32	1,146	10	10.00
8 X 44 PR 100 GASKET	440	43.8	19.32	1,418	10	10.00
10 X 22 PR 80 GASKET	176	43.8	23.4	729	16	6.25
10 X 22 PR 100 GASKET	176	43.8	23.4	902	16	6.25
10 X 22 PR 125 GASKET	176	43.8	23.4	1,129	16	6.25
10 X 44 PR 50 GASKET	352	43.8	23.4	912	8	12.50
10 X 44 PR 80 GASKET	352	43.8	23.4	1,435	8	12.50
10 X 44 PR 100 GASKET	352	43.8	23.4	1,776	8	12.50
12 X 22 PR 80 GASKET	132	39.72	27.48	789	12	8.33
12 X 22 PR 100 GASKET	132	39.72	27.48	977	12	8.33
12 X 22 PR 125 GASKET	132	39.72	27.48	1,223	12	8.33
12 X 44 PR 50 GASKET	244	39.72	27.48	985	6	16.67
15 X 22 PR 50 GASKET	132	48.9	33.6	786	12	8.33
15 X 22 PR 80 GASKET	132	48.9	33.6	1,239	12	8.33
15 X 22 PR 100 GASKET	132	48.9	33.6	1,527	12	8.33
15 X 22 PR 125 GASKET	132	48.9	33.6	1,913	12	8.33
15 X 22 PR 160 GASKET	132	48.9	33.6	2,369	12	8.33
15 X 22 PR 200 GASKET	132	48.9	33.6	2,904	12	8.33

PVC RECLAIMED WATER PIPE (PURPLE)

MATERIAL DESCRIPTION	SKID QTY (FT)	WIDTH (IN)	HEIGHT (IN)	GROSS WT (LB)	SKIDS/ TRUCK	TRUCK %
½ X 20 PR 315 BE RW	9,000	42.5	9.25	900	44	2.27
¾ X 20 PR 200 BE RW	7,000	42.5	11	889	36	2.77
¾ X 20 SCH 40 BE RW	7,000	42	14	1,477	28	3.57
1 X 20 PR 200 BE RW	6,000	43.25	15	1,014	24	4.16
1 X 20 SCH 40 BE RW	6,000	44.5	16	1,878	24	4.16
1¼ X 20 PR 200 BE RW	4,000	43	14.5	1,020	28	3.57
1¼ X 20 SCH 40 BE RW	4,000	46.5	13.75	1,696	28	3.57
1½ X 20 PR 200 BE RW	3,300	49	14	1,069	28	3.57
1½ X 20 SCH 40 BE RW	3,300	49	14	1,709	28	3.57
2 X 20 PR 200 BE RW	2,220	48.5	14.25	1,117	28	3.57
2 X 20 SCH 40 BE RW	2,220	48.5	14.25	1,542	28	3.57
2½ X 20 PR 200 BE RW	1,460	48.5	14.5	1,105	28	3.57
2½ X 20 PR 200 GASKET	1,460	48.5	14.5	1,097	28	3.57
2½ X 20 SCH 40 BE RW	1,460	48.5	14.5	1,606	28	3.57
3 X 20 PR 200 BE RW	1,000	47	14.5	1,124	28	3.57
3 X 20 PR 200 GASKET	1,000	47	14.5	1,138	28	3.57
3 X 20 SCH 40 BE RW	1,000	47	14.5	1,442	28	3.57
4 X 20 PR 200 BE RW	1,340	49	29.5	2,481	12	8.33
4 X 20 PR 200 GASKET	1,340	49	29.5	2,522	12	8.33
4 X 20 SCH 40 BE RW	1,340	49	29.5	2,822	12	8.33
6 X 20 PR 200 BE RW	660	43	28	1,932	12	8.33
6 X 20 PR 200 GASKET	660	43	28	2,004	12	8.33
8 X 20 PR 200 GASKET	200	44.25	20	1,351	20	5
10 x 20 PR 200 GASKET	160	43	23.5	1,678	16	6.25
12 x 20 PR 200 GASKET	120	39	28	1,769	12	8.33



Pipe Skid Quantities, Dimensions and Truck %

PVC SCHEDULE 80 PIPE (GRAY)

MATERIAL DESCRIPTION	SKID QTY (FT)	WIDTH (IN)	HEIGHT (IN)	GROSS WT (LB)	SKIDS/ TRUCK	TRUCK %
½ X 20 SCH 80 BE & PE	9,000	42	11	1,827	24	4.16
¾ X 10 SCH 80 BE	2,920	43	9	803	88	1.13
¾ X 20 SCH 80 BE	7,000	42	12.5	1,890	24	4.16
¾ X 20 SCH 80 PE	7,000	42	12.5	1,890	24	4.16
1 X 10 SCH 80 PE	1,770	43	9	716	88	1.13
1 X 20 SCH 80 BE & PE	3,540	43	9	1,433	44	2.27
1½ X 20 SCH 80 BE & PE	4,240	45	15.25	2,370	24	4.16
1½ X 20 SCH 80 BE & PE	3,300	49	13.5	2,234	28	3.57
2 X 20 SCH 80 BE & PE	2,220	48.5	14.25	2,077	28	3.57
2½ X 20 SCH 80 BE & PE	1,460	48.5	14.5	2,085	28	3.57
3 X 20 SCH 80 BE	1,000	49	14.5	1,942	28	3.57
3 X 20 SCH 80 PE	1,000	49	14.5	1,942	28	3.57
4 X 20 SCH 80 BE	1,140	49	26.25	3,184	12	8.33
4 X 20 SCH 80 PE	1,140	49	26.25	2,770	12	8.33
6 X 20 SCH 80 BE	520	51	26	2,770	12	8.33
6 X 20 SCH 80 PE	520	51	26	2,770	12	8.33
8 X 20 SCH 80 BE	200	48	20	1,618	20	5
8 X 20 SCH 80 PE	280	48	25.25	2,278	12	8.33
10 X 20 SCH 80 BE & PE	160	46.5	23	1,918	16	6.25
12 X 20 SCH 80 BE	60	39.25	14.75	1,980	28	3.57

PVC SCHEDULE 40 PIPE (WHITE)

MATERIAL DESCRIPTION	SKID QTY (FT)	WIDTH (IN)	HEIGHT (IN)	GROSS WT (LB)	SKIDS/ TRUCK	TRUCK %
½ X 20 SCH 40 BE	9,000	51	11	1,431	36	2.77
¾ X 20 SCH 40 BE	7,000	49	12.5	1,477	32	3.12
¾ X 10 SCH 40 BE	3,500	40.25	14	739	64	1.56
1 X 20 SCH 40 BE	6,000	46	15.5	1,878	24	4.16
1 X 10 SCH 40 BE	3,000	41	16.25	939	48	2.08
1¼ X 20 SCH 40 BE	4,000	46.5	13.75	1,696	28	3.57
1½ X 20 SCH 40 BE	3,300	49	14	1,709	28	3.57
1½ X 20 SCH 40 PE	3,300	49	14.5	1,709	28	3.57
2 X 20 SCH 40 BE	2,220	48.5	14.25	1,542	28	3.57
2 X 20 SCH 40 PE	2,220	48.5	14.25	1,542	28	3.57
2½ X 20 SCH 40 BE	1,460	48.5	14.5	1,606	28	3.57
2½ X 20 SCH 40 PE	1,460	48.5	14.5	1,606	28	3.57
3 X 20 SCH 40 BE	1,000	49	14.5	1,442	28	3.57
3 X 20 SCH 40 PE	1,000	49	14.5	1,442	28	3.57
4 X 20 SCH 40 PE	1,340	49	29.5	2,754	12	8.33
4 X 20 SCH 40 BE	1,340	49	29.5	2,822	12	8.33
5 X 20 SCH 40 BE	760	47.75	26	2,071	12	8.33
6 X 20 SCH 40 PE	660	44	30.5	2,022	12	8.33
8 X 20 SCH 40 PE	280	48	25.25	1,511	12	8.33
8 X 20 SCH 40 BE	200	44.25	20	1,128	20	5
10 X 20 SCH 40 BE	160	43	23.5	1,250	16	6.25
10 X 20 SCH 40 PE	220	46.25	30.5	1,695	12	8.33
12 X 20 SCH 40 BE	120	39	28	1,239	12	8.33
12 X 20 SCH 40 PE	120	38.5	27	1,222	12	8.33
14 X 20 SCH 40 BE	60	41.5	16.5	733	24	4.16
14 X 20 SCH 40 PE	60	42	16	723	24	4.16
16 X 20 SCH 40 BE	60	49.5	18	956	20	5
16 X 20 SCH 40 PE	60	48.5	18	945	20	5

PVC SDR PIPE (WHITE)

MATERIAL DESCRIPTION	SKID QTY (FT)	WIDTH (IN)	HEIGHT (IN)	GROSS WT (LB)	SKIDS/ TRUCK	TRUCK %
½ X 20 PR 315 BE	9,000	42.5	9.25	900	44	2.27
¾ X 20 PR 200 BE	7,000	42.5	11	889	36	2.77
1 X 20 PR 200 BE	6,000	43.25	15	1,014	24	4.16
1¼ X 20 PR 160 BE	4,000	46.5	13.75	860	28	3.57
1½ X 20 PR 200 BE	4,000	43	14.5	1,020	28	3.57
1½ X 20 PR 160 BE	3,300	47	15.5	891	24	4.16
1½ X 20 PR 200 BE	3,300	46.5	15.5	1,069	24	4.16
2 X 20 PR 160 BE	2,220	48.5	14.25	919	28	3.57
2 X 20 PR 200 BE	2,220	48.5	14.25	1,127	28	3.57
2½ X 20 PR 125 BE	1,460	48.5	14.5	717	28	3.57
2½ X 20 PR 160 BE	1,460	48.5	14.5	897	28	3.57
2½ X 20 PR 200 BE	1,460	48.5	14.5	1,105	28	3.57
2½ X 20 PR 200 GASKET	1,460	48.5	14.5	1,097	28	3.57
3 X 20 PR 100 BE	1,000	46	14.25	581	28	3.57
3 X 20 PR 125 BE	1,000	46	14.25	733	28	3.57
3 X 20 PR 160 BE	1,000	47	14.5	908	24	4.16
3 X 20 PR 160 PE	1,000	46	14.25	908	28	3.57
3 X 20 PR 200 BE	1,000	47	14.5	1,124	28	3.57
3 X 20 PR 200 GASKET	1,000	47	14.5	1,138	28	3.57
4 X 20 PR 100 BE	1,340	49	29.5	1,294	12	8.33
4 X 20 PR 125 BE	1,340	49	29.5	1,615	12	8.33
4 X 20 PR 160 BE	1,340	43.5	29.75	1,797	12	8.33
4 X 20 PR 200 BE	1,340	49	29.5	2,482	12	8.33
4 X 20 PR 200 GASKET	1,340	49	29.5	2,522	12	8.33
5 X 20 PR 100 BE	760	47.75	47.75	1,123	12	8.33
5 X 20 PR 125 BE	760	47.75	26	1,402	12	8.33
6 X 20 PR 100 BE & GASKET	660	43	28	1,005	12	8.33
6 X 20 PR 125 BE & GASKET	660	43	28	1,258	12	8.33
6 X 20 PR 160 BE & GASKET	660	43	28	1,560	12	8.33
6 X 20 PR 200 BE	660	43	28	1,932	12	8.33
6 X 20 PR 200 GASKET	660	43	28	2,004	12	8.33
8 X 20 PR 100 BE	280	47	26.5	990	16	6.25
8 X 20 PR 100 GASKET	280	47	26.5	990	16	6.25
8 X 20 PR 125 BE & GASKET	200	44.25	20	886	20	5
8 X 20 PR 160 GASKET	280	47	26.5	1,543	16	6.25
8 X 20 PR 200 GASKET	200	44.25	20	1,351	20	5
10 X 20 PR 100 BE & GASKET	160	43	23.5	879	16	6.25
10 X 20 PR 125 BE & GASKET	160	43	23.5	1,104	16	6.25
10 X 20 PR 160 GASKET	120	43	23.5	1,366	16	6.25
10 X 20 PR 200 GASKET	160	43	23.5	1,678	16	6.25
12 X 20 PR 100 BE	120	39	28	928	12	8.33
12 X 20 PR 125 BE	80	51	14.75	776	28	3.57
12 X 20 PR 125 GASKET	120	39	39	1,163	12	8.33
12 X 20 PR 200 GASKET	120	39	28	1,769	12	8.33

PVC SEWER MAIN PIPE (GREEN)

MATERIAL DESCRIPTION	SKID QTY (FT)	WIDTH (IN)	HEIGHT (IN)	GROSS WT (LB)	SKIDS/ TRUCK	TRUCK %
4 X 10 PVC SEWER MAIN SDR 35 PIPE BE	670	49	30	726	24	4.16
4 X 20 PVC SEWER MAIN SDR 35 PIPE BE	1,340	49	30	1,452	12	8.33
6 X 20 PVC SEWER MAIN SDR 35 PIPE BE	660	51	33	1,595	12	8.33

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

