



*Southern Pipe,
Inc.*

American Made & American Owned

MANUFACTURER OF QUALITY PVC ELECTRICAL CONDUIT PRODUCTS

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Southern Pipe, Inc.

P. O. Box 606, 135 Random Drive, New London, NC 28127

Phone: 704-463-5202 Fax: 704-463-5203 www.southern-pipe.com



R.A. (Bob) Mitchell & Roy H. Stanioch
Founders
Est. 1998

Mission Statement

Built with integrity and experience, Southern Pipe will provide unparalleled quality and customer service, ensuring strong, long term relationships. Southern Pipe will provide employees with more than a job, but rather a career, while encouraging personal and career growth through ongoing training.

MANUFACTURER OF QUALITY PVC ELECTRICAL CONDUIT PRODUCTS



Southern Pipe, Inc.

P. O. Box 606, 135 Random Drive, New London, NC 28127

Phone: 704-463-5202 Fax: 704-463-5203 www.southern-pipe.com

TERMS AND CONDITIONS

- **Standard Terms:** 2% 10th Prox, Net 30 days. Discount eligibility must be post marked by the 10th of the month.
- **Prices:** Prices are subject to change at any time without notice.
- **Freight:** Orders of \$5000.00 net will meet freight prepaid. Net value orders under \$5000.00 will be assessed a drop charge plus additional mileage charge. Fitting orders of \$750.00 net will meet freight prepaid. Minimum order is \$500.00 net, plus freight*.
- **Returns:** No returns will be accepted without written consent from the factory. Materials must have been purchased within the last 6 months and must be in new or unused condition. Customer will be responsible for freight to and from the factory. All returns are subject to a 25% restocking fee.
- **Delivery:** Quoted delivery schedules are based on estimates at the time of quotation. *Southern Pipe, Inc.* will devote its best efforts to meeting delivery schedules but assumes no liability for additional costs or damages resulting from late deliveries.
- **Damage, loss or shortage claims:** Upon receipt of order customer must check for accountability and acceptability of goods. Any damage, loss or shortage would be reported to the carrier and noted on the billing papers. Any damage or loss claims must be made to the carrier.
- **Warranty:** *Southern Pipe, Inc.* warrants our products for one year to the extent that we will replace products proven to be defective. *Southern Pipe, Inc.* shall not be responsible for removal or reinstallation cost other than replacing the original product.

*Freight prepaid terms subject to change without notice.

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FEATURES AND BENEFITS

<ul style="list-style-type: none"> ⇒ <i>Superior quality control standards</i> ⇒ <i>Standard 10 and 20 foot lengths</i> ⇒ <i>Integral Bell</i> ⇒ <i>Light weight</i> ⇒ <i>Easy field cutting</i> ⇒ <i>Excellent packaging</i> ⇒ <i>Smooth interior wall</i> ⇒ <i>Ultraviolet protection</i> ⇒ <i>Superior dielectric strength</i> ⇒ <i>Low coefficient of static and dynamic friction</i> ⇒ <i>Pneumatic rodding</i> ⇒ <i>Superior chemical resistance</i> 	<p><u>SPI DUCT PRODUCED TO THE FOLLOWING INDUSTRY STANDARDS</u></p> <p>UL 651 & 651A NEMA TC-2 NEMA TC-3 NEMA TC-6 NEMA TC-8 NEMA TC-9 NEMA TC-10 ASTM F-512 ASTM F-891</p>
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PHYSICAL AND PERFORMANCE PROPERTIES

Property	ASTM #	Typical value
Tensile Strength psi	D638	< 7000
Modulus of Elasticity in Tension psi	D368	< 500000
Flexural Strength psi	D790	< 13000
Deflective Temp under load @ 265 psi °F	D648	< 176 °F
Co-efficient of Thermal Expansion in/in/F	D696	3.0 x 10 ⁻⁵

Pipe Stiffness	(per ASTM F-512)
Conduit Type (all sizes)	Minimum Pipe Stiffness (F/Y)
EB-20	20
EB-35	35
DB-60	60
DB-120	120

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Specifications

Southern Pipe, Inc. rigid non-metallic electrical conduit, ½”-6” Schedule 40 and Schedule 80 PVC pipe and elbows are produced in accordance with NEMA TC-2 and UL 651. Our molded fittings are produced in accordance to UL 514B, NEMA TC-3 and also UL 514C on our nonmetallic outlet boxes. The conduit and elbows are rated for 90 C wire and sunlight resistant for use both aboveground and underground. Our conduit is acceptable as “rigid nonmetallic conduit” as described in article 352 of the National Electric Code and all other applicable sections. Our products also meet the federal specification WC-1094. Our Schedule 40, Types EB and DB are also RUS listed. In addition, we manufacture 8” Schedule 40 conduit (non-UL approved) in accordance with NEMA TC-2 using our UL approved compound.

Each piece bears the UL listing number as follows:

Schedule 40 & 80 pipe and elbows – 3SAO

Each piece of RUS listed material is marked as RUS Listed:

Schedule 40 & 80, Type EB and DB

Samples are tested by our in house Quality Control Department along with representatives of Underwriters Laboratories to assure compliance to these specifications.

The PVC material used to manufacture Southern Pipe, Inc. conduit meets or exceeds compound cell classification 12254B as defined by ASTM D 1784 Standard Specification, Rigid Polyvinyl Chloride Compounds for Cell Classification 12454B (Formerly Type 1, Grade 1 and also designated PVC 1120).

All products manufactured by Southern Pipe, Inc. are produced in New London, North Carolina.

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SCHEDULE 40

And

SCHEDULE 80

(For easy identification, all Schedule 80 is marked with a yellow “*Powerline*”™ from spigot to bell end.)

90° C Rated

RIGID PVC NONMETALLIC

CONDUIT

MANUFACTURER OF QUALITY PVC ELECTRICAL CONDUIT PRODUCTS



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SCHEDULE 40 CONDUIT


**HEAVY WALL RIGID PVC NONMETALLIC CONDUIT
 FOR USE IN ABOVE GROUND AND UNDERGROUND APPLICATIONS**

SIZE	PART NUMBER	DESCRIPTION	MIN WALL	O.D.	WEIGHT PER 100'	PALLET QTY
1/2"	41505	10 FT BE	.109	.840	16	6000
	42505	20 FT BE				12000
3/4"	41508	10 FT BE	.113	1.050	22	4400
	42508	20 FT BE				8800
1"	41510	10 FT BE	.133	1.315	32	3600
	42510	20 FT BE				7200
1 1/4"	41512	10 FT BE	.140	1.660	43	3300
	42512	20 FT BE				6600
1 1/2"	41515	10 FT BE	.145	1.900	52	2250
	42515	20 FT BE				4500
2"	41520	10 FT BE	.154	2.375	70	1400
	42520	20 FT BE				2800
2 1/2"	41525	10 FT BE	.203	2.875	125	930
	42525	20 FT BE				1860
3"	41530	10 FT BE	.216	3.500	156	880
	42530	20 FT BE				1760
3 1/2"	41535	10 FT BE	.226	4.000	188	630
	42535	20 FT BE				1260
4"	41540	10 FT BE	.237	4.500	223	570
	42540	20 FT BE				1140
5"	41550	10 FT BE	.258	5.563	310	380
	42550	20 FT BE				760
6"	41560	10 FT BE	.280	6.625	395	260
	42560	20 FT BE				520
*8"	41580	10 FT BE	.322	8.625	547	140

Southern Pipe, Inc. Schedule 40 Conduit is produced to the following Standards:

Underwriters Laboratory, Inc.® (UL)
 National Electrical Manufacturers Association (NEMA)
 National Electrical Manufacturers Association (NEMA)
 Federal Specification

UL 651
 TC-2
 TC-18
 WC-1094-A

* 8" Sch 40 is a non  LISTED product

Rated for 90° C



RUS listed



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SCHEDULE 80 CONDUIT with "Powerline"™

**EXTRA HEAVY WALL RIGID PVC NONMETALLIC CONDUIT
FOR USE IN ABOVE GROUND AND UNDERGROUND APPLICATIONS**

SIZE	PART NUMBER	DESCRIPTION	MIN WALL	O.D.	WEIGHT PER 100'	PALLET QTY
1/2"	51505	10 FT BE	.147	.840	21	6000
	52505	20 FT BE				12000
3/4"	51508	10 FT BE	.154	1.050	28	4400
	52508	20 FT BE				8800
1"	51510	10 FT BE	.179	1.315	41	3600
	52510	20 FT BE				7200
1 1/4"	51512	10 FT BE	.191	1.660	57	3300
	52512	20 FT BE				6600
1 1/2"	51515	10 FT BE	.200	1.900	69	2250
	52515	20 FT BE				4500
2"	51520	10 FT BE	.218	2.375	97	1400
	52520	20 FT BE				2800
2 1/2"	51525	10 FT BE	.276	2.875	148	930
	52525	20 FT BE				1860
3"	51530	10 FT BE	.300	3.500	197	880
	52530	20 FT BE				1760
3 1/2"	51535	10 FT BE	.318	4.000	241	630
	52535	20 FT BE				1260
4"	51540	10 FT BE	.337	4.500	288	570
	52540	20 FT BE				1140
5"	51550	10 FT BE	.375	5.563	401	380
	52550	20 FT BE				760
6"	51560	10 FT BE	.432	6.625	551	260
	52560	20 FT BE				520

For easy identification, all *Southern Pipe, Inc.* Schedule 80 Conduit is marked with a yellow "Powerline"™ from spigot to bell end.

Southern Pipe, Inc. Schedule 80 Conduit is produced to the following Standards:

Underwriters Laboratory, Inc.® (UL)

UL 651

National Electrical Manufacturers Association (NEMA)

TC-2

National Electrical Manufacturers Association (NEMA)

TC-18

Federal Specification

WC-1094-A

Rated for 90° C



LISTED

Sunlight Resistant



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“So-Lite”

SCHEDULE 40
“CELLULAR CORE”
CONDUIT

(For easy identification, all *Southern Pipe, Inc.* Cellular Core Conduit is marked with a blue “*Powerline*”™ from spigot to bell end.)

UL Listed • RUS Listed • Rated 90° C

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So-Lite Specifications

Southern Pipe, Inc. rigid nonmetallic cellular core Schedule 40 conduit *So-Lite* is manufactured to meet or exceed ANSI/UL 651, 90° C and NEMA TC-2. *So-Lite* conduit is UL Listed and RUS Listed in sizes 3", 4", 5" and 6". *So-Lite* conduit is acceptable as non-metallic raceway for conductors and cable in accordance with Article 352 of ANSI/NFPA 70, "National Electric Code". *So-Lite* conduit is suitable for aboveground use indoors or outdoors exposed to sunlight and weather where not subject to physical damage, and for underground use by direct burial or encasement in concrete.

Each piece bears the UL listing number (39GX), is marked RUS Listed, and has permanent markings to identify manufacturer, date and shift manufactured.

Samples are tested by in house quality control along with representatives of Underwriters Laboratories to assure compliance to these specifications.

The PVC material used to manufacture Southern Pipe, Inc. conduit meets or exceeds compound cell classification 12254B as defined by ASTM D 1784 Standard Specification, Rigid Polyvinyl Chloride Compounds for Cell Classification 12454B (Formerly Type 1, Grade 1 and also designated PVC 1120).

All products manufactured by Southern Pipe, Inc. are produced in New London, North Carolina.



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“So-Lite”

“CELLULAR CORE” SCHEDULE 40 CONDUIT

With “Powerline”™

SIZE	PART NUMBER	DESCRIPTION	MIN WALL	O.D.	WEIGHT PER 100'	PALLET QTY
3"	21430 25430	10 FT BE 20 FT BE	.216	3.500	116	880 1760
4"	21440 25440	10 FT BE 20 FT BE	.237	4.500	163	570 1140
5"	21450 25450	10 FT BE 20 FT BE	.258	5.563	221	380 760
6"	21460 25460	10 FT BE 20 FT BE	.280	6.625	286	260 520
* 8"	21480 25480	10 FT BE 20 FT BE	.322	8.625	440	140 280

For easy identification, all *Southern Pipe, Inc.* Cellular Core Conduit is marked with a blue “Powerline”™ from spigot to bell end.



Southern Pipe, Inc. “Cellular Core” Schedule 40 Conduit is

UL Listed, RUS Listed, Rated 90° C and produced to the following standards:

* 8” Sch 40 is a non UL LISTED product

Physical Dimensions

Underwriters Laboratory, Inc.® (UL)

National Electrical Manufacturers Association (NEMA)

National Electrical Manufacturers Association (NEMA)

UL 651

TC-2

TC-18

Physical Testing

American Society for Testing and Materials (ASTM)

ASTM F-891




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TC-6

TYPE EB-20  LISTED (ENCASED BURIAL)
AND
TYPE DB-60 (DIRECT BURIAL)
AND
TYPE DB-100 (DIRECT BURIAL)

TC-8

TYPE EB-35  LISTED (ENCASED BURIAL)
AND
TYPE DB-120 (DIRECT BURIAL)

Type “A”

 LISTED FOR ENCASEMENT IN
CONCRETE IN ANY LOCATION

Type “C”

4” TELEPHONE DUCT



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TC-6

Type EB-20

Encased Burial Utility Duct

SIZE	PART NUMBER	DESCRIPTION	MIN WALL	O.D.	WEIGHT PER 100 ft	PALLET QTY
2"	62820	20 FT/B.E.	.060	2.375	36.4	2800
3"	62630	20 FT/B.E.	.061	3.500	61	1760
3 1/2"	62635	20 FT/B.E.	.072	4.000	83	1260
4"	62640	20 FT/B.E.	.082	4.500	99	1140
5"	62650	20 FT/B.E.	.103	5.563	142	760
6"	62660	20 FT/B.E.	.125	6.625	199	520

UL LISTED, RUS Listed, 90° C Rated

Type DB-60

Direct Burial Utility Duct

SIZE	PART NUMBER	DESCRIPTION	MIN WALL	O.D.	WEIGHT PER 100 ft	PALLET QTY
2"	62820	20 FT/B.E.	.060	2.375	36.4	2800
3"	62830	20 FT/B.E.	.092	3.500	76	1760
3 1/2"	62835	20 FT/B.E.	.107	4.000	114	1260
4"	62840	20 FT/B.E.	.121	4.500	135	1140
5"	62850	20 FT/B.E.	.152	5.563	191	760
6"	62860	20 FT/B.E.	.182	6.625	260	520

RUS Listed

Type DB-100

Direct Burial Utility Duct

SIZE	PART NUMBER	DESCRIPTION	MIN WALL	O.D.	WEIGHT PER 100 ft	PALLET QTY
3"		20 FT/B.E.	.112	3.500	36.4	1760
3 1/2"		20 FT/B.E.	.128	4.000	76	1260
4"		20 FT/B.E.	.145	4.500	114	1140
5"		20 FT/B.E.	.179	5.563	135	760
6"		20 FT/B.E.	.213	6.199	191	520

RUS Listed

Southern Pipe, Inc. TC-6 is manufactured in accordance with NEMA TC-6 and ASTM F-512

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TC-8

Type EB-35

Encased Burial Utility Duct

SIZE	PART NUMBER	DESCRIPTION	MIN WALL	O.D.	WEIGHT PER 100 ft	PALLET QTY
2"	62820	20 FT/B.E.	.060	2.375	36	2800
3"	82630	20 FT/B.E.	.076	3.500	63	1760
3 1/2"	82635	20 FT/B.E.	.088	4.000	85	1260
4"	82640	20 FT/B.E.	.100	4.500	94	1140
5"	82650	20 FT/B.E.	.126	5.563	140	760
6"	82660	20 FT/B.E.	.152	6.625	228	520

 LISTED, RUS listed, 90° C Rated

Type DB-120

Direct Burial Utility Duct

SIZE	PART NUMBER	DESCRIPTION	MIN WALL	O.D.	WEIGHT PER 100 ft	PALLET QTY
2"	82820	20 FT/B.E.	.077	2.375	43	2800
3"	82830	20 FT/B.E.	.118	3.500	91	1760
3 1/2"	82835	20 FT/B.E.	.136	4.000	115	1260
4"	82840	20 FT/B.E.	.154	4.500	150	1140
5"	82850	20 FT/B.E.	.191	5.563	1230	760
6"	82860	20 FT/B.E.	.227	6.625	310	520

RUS Listed

Southern Pipe, Inc. TC-8 is manufactured in accordance with NEMA TC-8 and ASTM F-512

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Type “A”

**TYPE “A” PVC CONDUIT IS INTENDED FOR ENCASEMENT IN
CONCRETE IN ANY LOCATION**

Size	Part #	Description	Min Wall	O.D.	Weight per 100 feet	Pallet Quantity
2”	94620	20 FT/BE	0.100	2.36	46	2800
2 1/2”	94625	20 FT/BE	0.110	2.86	65	1860
3”	94630	20 FT/BE	0.125	3.49	85	1760
3 1/2”	94635	20 FT/BE	0.145	3.95	103	1260
4”	94640	20 FT/BE	0.150	4.45	132	1140

Southern Pipe Inc. Type “A” is manufactured in accordance with the following industry Standards:

Underwriters Laboratory, Inc. ® (UL)

651-A

 **LISTED**
Rated for 90° C

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**Type “C”
4” Telephone PVC Rigid NonMetallic Conduit**

SIZE	PART NUMBER	DESCRIPTION	MIN WALL	O. D.	PALLET QTY
4”	78940	TYPE “C”	.125	4.350	1160 FT
4”	78540	TYPE “C”	.145	4.35	1160FT

Southern Pipe, Inc. Type “C” duct is manufactured to NEMA TC-10 specifications:

Type “C” duct has one bell end and comes in 20 foot laying lengths

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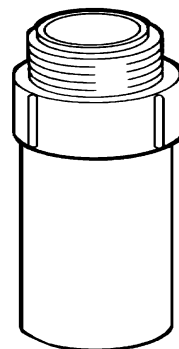
Phone: 704-463-5202 Fax: 704-463-5203 www.southern-pipe.com

SCHEDULE 40 RISERS 6 FOOT LENGTHS

PART NUMBER	SIZE	DESCRIPTION	PALLET QTY
41820	2"	SCHEDULE 40 6 FT LENGTH WITH TERMINAL ADAPTER	140 PIECES
41920	2"	SCHEDULE 40 6 FT LENGTH WITH TERMINAL ADAPTER AND LOCKNUT	140 PIECES
41825	2 1/2"	SCHEDULE 40 6 FT LENGTH WITH TERMINAL ADAPTER	93 PIECES
41925	2 1/2"	SCHEDULE 40 6 FT LENGTH WITH TERMINAL ADAPTER AND LOCKNUT	93 PIECES
41830	3"	SCHEDULE 40 6 FT LENGTH WITH TERMINAL ADAPTER	88 PIECES
41930	3"	SCHEDULE 40 6 FT LENGTH WITH TERMINAL ADAPTER AND LOCKNUT	88 PIECES

NEC ARTICLE 300-5

AVAILABLE IN VARIOUS SIZES AND LENGTHS
WITH OR WITHOUT LOCKNUTS
ALSO AVAILABLE IN SCHEDULE 80



ALL COMPONENTS ARE  LISTED



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PVC CONDUIT FITTINGS



MANUFACTURER OF QUALITY PVC ELECTRICAL CONDUIT PRODUCTS



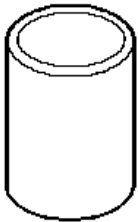
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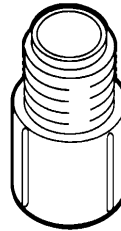
PVC Schedule 40 Conduit Fittings

Coupling



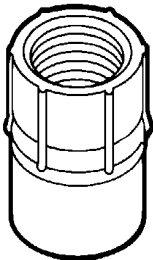
Size	Pkg Qty	Pkg Wt	Part #
½"	200	7.19	40105
¾"	125	5.26	40108
1"	70	4.24	40110
1 ¼"	40	3.95	40112
1 ½"	30	3.72	40115
2"	40	6.79	40120
2 ½"	20	7.51	40125
3"	40	21.73	40130
3 ½"	30	21.35	40135
4"	20	18.19	40140
5"	10	14.50	40150
6"	8	18.95	40160

Terminal Adapter



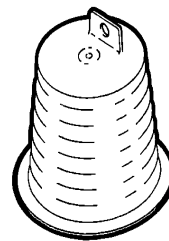
Size	Pkg Qty	Pkg Wt	Part #
½"	200	6.20	40205
¾"	125	5.15	40208
1"	70	4.39	40210
1 ¼"	40	3.96	40212
1 ½"	30	2.95	40215
2"	40	5.64	40220
2 ½"	20	5.56	40225
3"	40	16.09	40230
3 ½"	30	17.66	40235
4"	20	12.73	40240
5"	10	15.31	40250
6"	8	12.54	40260

Female Adapter



Size	Pkg Qty	Pkg Wt	Part #
½"	200	5.99	40305
¾"	125	5.64	40308
1"	70	4.80	40310
1 ¼"	40	4.47	40312
1 ½"	30	3.64	40315
2"	40	6.75	40320
2 ½"	20	8.75	40325
3"	40	19.41	40330
3 ½"	30	20.72	40335
4"	20	17.04	40340
5"	10	14.34	40350
6"	8	16.94	40360

End Plugs w/ Pull Eye



Size	Pkg Qty	Pkg Wt.	Part #
2"	70	5.68	48020
3"	45	6.77	48030
4"	80	16.66	48040
5"	45	13.88	48050
6"	35	10.93	48060



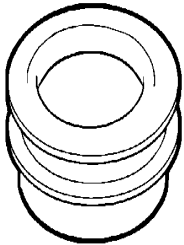
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End Bells

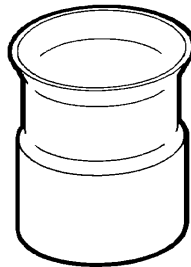
Molded



Size	Pkg. Qty	Pkg. Wt	Part No
½"	100	2.25	40405
¾"	100	2.65	40408
1"	50	2.30	40410
1 ¼"	50	2.65	40412
1 ½"	50	4.30	40415
2"	40	3.60	40420
2 ½"	30	4.27	40425
3"	50	8.97	40430
3 ½"	50	13.42	40435
4"	50	16.37	40440
5"	25	12.62	40450
6"	15	9.36	40460

Long End Bells

Fabricated

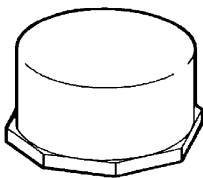


Size	Pkg. Qty	Pkg. Wt	Part No
½"	100		47905
¾"	100		47908
1"	50		47910
1 ¼"	50		47912
1 ½"	50		47915
2"	40	11.71	47920
2 ½"	30		47925
3"	50	23.51	47930
3 ½"	50		47935
4"	50	43.34	47940
5"	25	35.71	47950
6"	15	23.04	47960

End Caps



LISTED

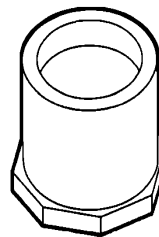


Size	Pkg Qty	Pkg Wt.	Part No
½"	100	2.95	44805
¾"	100	5.45	44808
1"	50	4.00	44810
1 ¼"	25	2.68	44812
1 ½"	25	3.68	44815
2"	50	9.45	44820
2 ½"	25	8.93	44825
3"	25	13.18	44830
3 ½"	25	17.17	44835
4"	25	22.25	44840
5"	25	26.15	44850
6"	10	18.48	44860

Reducers



LISTED



Size	Pkg Qty	Pkg. Wt	Part No
¾" X ½"	100	2.15	40505
1" X ¾"	100	3.35	40508
1 ¼" X 1"	50	3.40	40510
1 ½" X 1 ¼"	50	3.35	40512
2" X 1 ½"	25	3.65	40515
2 ½" X 2"	25	5.75	40520
3" X 2 ½"	25	9.58	40525
4" X 3"	20	11.08	40530
4" X 3 ½"	20	9.68	40535



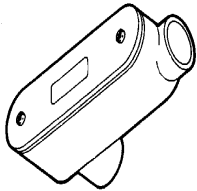
Southern Pipe, Inc.

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Type LB

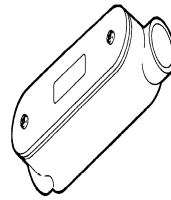
 LISTED



Size	Pkg	Pkg Wt	Part No
½"	25	5.38	45205
¾"	15	4.32	45208
1"	10	3.01	45210
1 ¼"	10	7.62	45212
1 ½"	10	9.55	45215
2"	5	8.49	45220
2 ½"	5	23.11	45225
3"	5	23.18	45230
3 ½"	4	28.05	45235
4"	4	25.47	45240

Type C

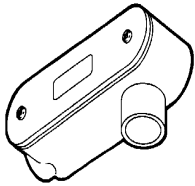
 LISTED



Size	Pkg Qty	Pkg Wt	Part No
½"	25	5.18	45605
¾"	15	4.23	45608
1"	10	4.08	45610
1 ¼"	10	7.35	45612
1 ½"	10	9.39	45615
2"	5	8.04	45620
2 ½"	5	23.12	45625
3"	5	23.52	45630
3 ½"	4	29.37	45635
4"	4	26.45	45640

Type LL

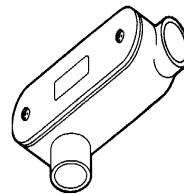
 LISTED



Size	Pkg Qty	Pkg Wt.	Part No
½"	25	5.43	45405
¾"	15	4.32	45408
1"	10	4.21	45410
1 ¼"	10	7.81	45412
1 ½"	10	9.85	45415
2"	5	8.17	45420
2 ½"	5	25.56	45425
3"	5	19.89	45430
3 ½"	4	29.87	45435
4"	4	20.05	45440

Type LR

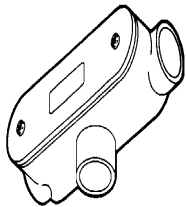
 LISTED



Size	Pkg. Qty	Pkg Wt.	Part No
½"	25	5.43	45305
¾"	15	4.36	45308
1"	10	4.21	45310
1 ¼"	10	7.72	45312
1 ½"	10	9.64	45315
2"	5	8.18	45320
2 ½"	5	25.56	45325
3"	5	24.18	45330
3 ½"	4	29.87	45335
4"	4	26.45	45340

Type T

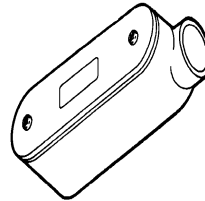
 LISTED



Size	Pkg. Qty	Pkg Wt.	Part No
½"	25	5.18	45505
¾"	15	4.27	45508
1"	10	4.12	45510
1 ¼"	10	7.62	45512
1 ½"	10	9.80	45515
2"	5	9.17	45520
2 ½"	2	11.25	45525
3"	2	10.41	45530
3 ½"	1	10.20	45535
4"	1	8.98	45540

Type E

 LISTED



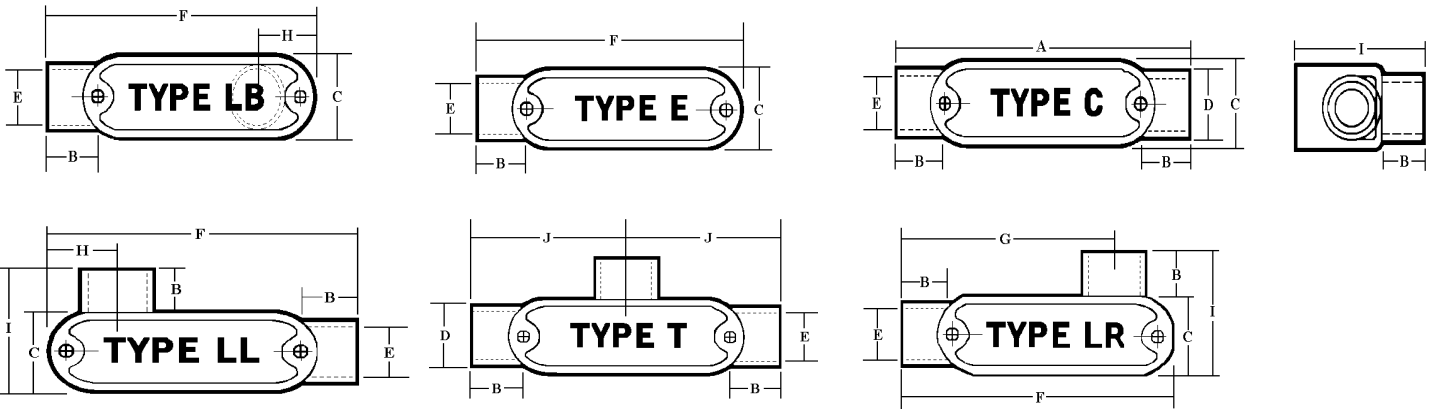
Size	Pkg. Qty	Pkg Wt.	Part No
½"	25	5.08	45705
¾"	15	4.09	45708
1"	10	3.89	45710
1 ¼"	10	7.37	45712
1 ½"	10	9.11	45715
2"	5	8.01	45720
2 ½"	5	21.00	45725
3"	5	19.97	45730
3 ½"	4	23.56	45735
4"	4	27.97	45740



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Size	A	B	C	D	E	F	G	H	I	J
½"	5.606	0.639	1.268	1.100	0.840	4.337	4.095	1.297	2.487	2.280
¾"	5.606	0.810	1.536	1.325	1.050	5.395	4.095	1.297	2.487	2.803
1"	6.500	0.910	1.200	1.600	1.335	6.250	4.750	1.500	2.075	3.250
1 ¼"	7.900	1.050	2.300	2.250	1.100	7.625	5.750	1.750	3.575	3.950
1 ½"	8.500	1.125	2.675	2.250	1.900	8.250	6.500	1.750	3.938	4.250
2"	10.875	1.160	3.188	2.820	2.375	10.531	8.156	2.344	4.535	5.438
2 ½"	—	—	—	—	—	—	—	—	—	—
3"	—	1.900	4.500	—	3.510	13.630	10.897	2.733	—	—
3 ½"	—	2.125	5.536	—	4.000	16.000	—	—	—	—
4"	—	2.125	5.536	—	4.530	16.000	—	—	—	—

Notes



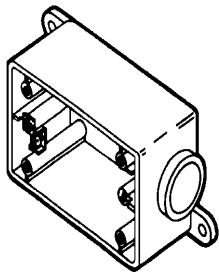
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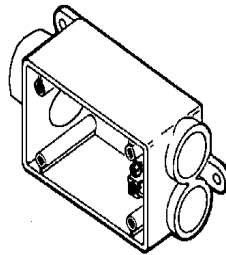
PVC Conduit Outlet Boxes

FSE Series



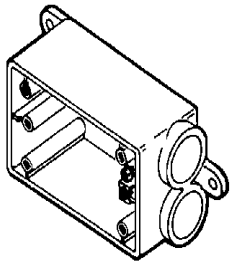
Size	Pkg. Qty	Pkg Wt.	Part No
½"	10	4.27	46105
¾"	10	4.25	46108
1"	10	4.02	46110

FSCC Series



Size	Pkg. Qty	Pkg Wt.	Part No
½"	10	4.97	46405
¾"	10	4.58	46408
1"	10	4.20	46410

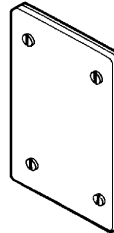
FSS Series



Size	Pkg. Qty	Pkg Wt.	Part No
½"	10	4.53	46305
¾"	10	4.26	46308
1"	10	4.02	46310

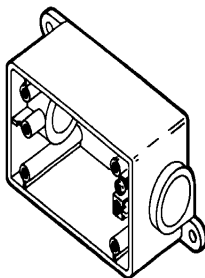
Blank Covers

supplied with screws



Size	Pkg. Qty	Pkg Wt.	Part No
—	50	4.40	46000

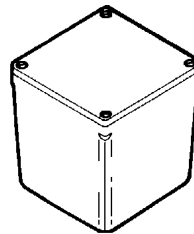
FSC Series



Size	Pkg. Qty	Pkg Wt.	Part No
½"	10	4.75	46205
¾"	10	4.50	46208
1"	10	4.21	46210

Junction Boxes

with Mounting Feet



Size	Pkg. Qty	Pkg Wt.	Part No
4 x 4 x 2	10	8.14	45942
4 x 4 x 4	10	10.57	45944
4 x 4 x 6	10	11.16	45946
5 x 5 x 2	10	9.24	45952
6 x 6 x 4	10	20.79	45964
6 x 6 x 6	5	11.69	45966
8 x 8 x 4	5	16.46	45984
8 x 8 x 6	4	15.30	45986
8 x 8 x 7	4	20.93	45987
12 x 12 x 4	2	14.93	45914
12 x 12 x 6	2	15.91	45916



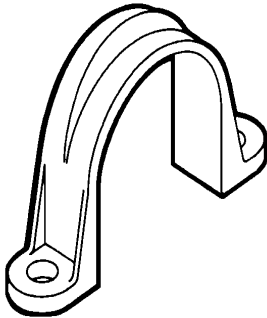
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PVC Conduit Fittings

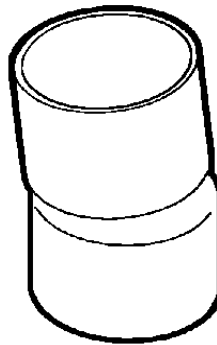
PVC Pipe Straps-2 Hole LISTED



Size	Pkg.	Pkg	Part No
½"	300	2.05	47405
¾"	200	2.45	47408
1"	200	3.60	47410
1 ¼"	200	4.60	47412
1 ½"	200	5.55	47415
2"	200	7.55	47420
2 ½"	100	8.35	47425
3"	100	10.57	47430
4"	100	12.87	47440

5° Angle Coupling Sch 40

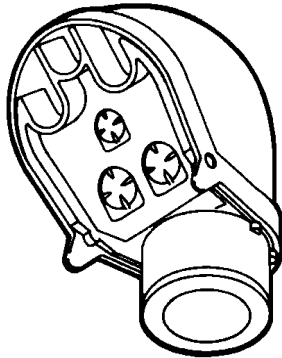
Bell x Bell



Fabricated

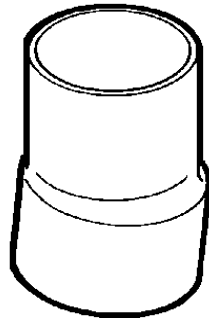
Size	Pkg Qty	Pkg Wt.	Part No
2"	20	4.71	41120
3"	25	13.12	41130
4"	15	13.28	41140
5"	8	10.64	41150
6"	4	7.81	41160

Service Entrance Heads LISTED



Size	Pkg.	Pkg	Part No
½"	10	1.10	45005
¾"	10	1.40	45008
1"	20	4.55	45010
1 ¼"	20	8.55	45012
1 ½"	20	10.55	45015
2"	5	5.55	45020
2 ½"	5	25.79	45025
3"	5	22.54	45030
3 ½"	5	21.64	45035
4"	1	15.69	45040

5° Angle Coupling Sch 40



Bell x Plain End

Fabricated

Size	Pkg Qty	Pkg Wt.	Part No
2"	20	4.71	47720
3"	25	13.12	47730
4"	15	13.28	47740
5"	8	11.23	47750
6"	4	8.40	47760



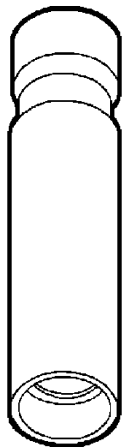
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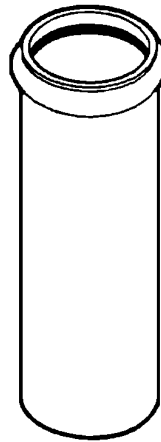
PVC Conduit Fittings

Expansion Coupling— 2 Piece



Size	Pkg. Qty	Pkg Wt.	Part No
½"	25	12.68	48505
¾"	10	4.75	48508
1"	10	8.03	48510
1 ¼"	5	5.27	48512
1 ½"	5	7.11	48515
2"	25	51.32	48520
2 ½"	12	45.11	48525
3"	12	38.27	48530
4"	6	27.35	48540
5"	1	6.27	48550
6"	1	8.27	48560

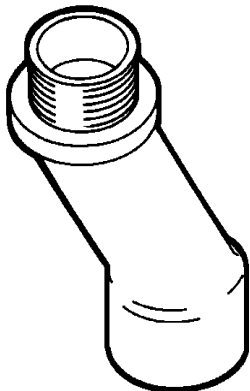
Expansion Coupling-Molded



Size	Pkg. Qty	Pkg Wt.	Part No
½"	50	5.20	44705
¾"	50	8.15	44708
1"	50	12.00	44710
1 ¼"	25	8.70	44712
1 ½"	25	9.20	44715
2"	25	14.60	44720
2 ½"	5	4.35	44725
3"	10	14.13	44730
4"	5	11.12	44740

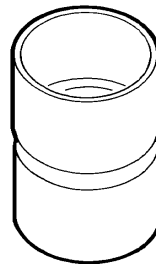
Longline Coupling Sch 40 W/ Center Stop

Meter Offset-Molded



Size	Pkg. Qty	Pkg Wt.	Part No
1 ¼"	15	1.90	47312
2"	8	2.08	47320

Also available in fabricated



Size	Pkg Qty	Pkg Wt.	Part No
2"	20	6.37	49120
3"	25	17.35	49130
4"	12	22.43	49140
5"	6	14.46	49150
6"	4	13.72	49160



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Schedule 40 Standard Radius Elbows-Plain End

90° Elbows				45° Elbows			30° Elbows		
Size	Qty.	Pkg Wt	Part #	Qty.	Pkg Wt	Part #	Qty.	Pkg Wt	Part #
½"	50	5.90	40605	50	3.75	40705	50	2.40	40805
¾"	50	6.15	40608	75	2.63	40708	25	2.18	40808
1"	20	6.41	40610	20	4.10	40710	20	3.04	40810
1 ¼"	30	16.49	40612	25	8.63	40712	25	6.83	40812
1 ½"	30	21.95	40615	20	9.35	40715	20	7.41	40815
2"	15	18.35	40620	10	8.33	40720	10	4.26	40820
2 ½"	16	39.21	40625	20	27.00	40725	20	21.52	40825
3"	14	53.73	40630	8	19.42	40730	8	15.18	40830
3 ½"	12	63.33	40635	5	17.04	40735	5	13.33	40835
4"	10	72.25	40640	20	84.05	40740	20	68.99	40840
5"	30	389.68	40650	7	428.00	40750	7	266.22	40850
6"	25	519.25	40660	25	320.35	40760	25	322.03	40860



Schedule 40 Standard Radius Elbows-Belled End

90° Elbows				45° Elbows			30° Elbows		
Size	Qty.	Pkg Wt.	Part #	Qty.	Pkg Wt.	Part #	Qty.	Pkg Wt.	Part #
½"	50	6	41205	50	5	41305			41405
¾"	50	6	41208	75	3	41308			41408
1"	20	8	41210	25	5	41310			41410
1 ¼"	30	17	41212	25	9	41312			41412
1 ½"	30	22	41215	20	9	41315			41415
2"	15	18	41220	10	8	41320			41420
2 ½"	16	38	41225	20	28	41325			41425
3"	14	46	41230	8	16	41330			48630
3 ½"	12	54	41235	5	14	41335			41435
4"	10	64	41240	20	79	41340			41440
5"	30	31	41250	7	18	41350			41450
6"	25	17	41260	1	9	41360			41460

NOTE: 22½° and 11¼° Available by special order



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Schedule 40 PVC Special Radius Elbows Plain End

Size	Degree of Bend	Part #	Part #	Part #	Part #	Part #
		18" Radius	24" Radius	30" Radius	36" Radius	48" Radius
1"	90	42110	42210	42310	42410	42610
	45	42710	42810	42910	43010	43110
	30	43210	43310	43410	43510	43610
	22 1/2	43710	43810	43910	44010	44110
	11 1/4	44210	44310	44410	44510	44610
1 1/4"	90	42112	42212	42312	42412	42612
	45	42712	42812	42912	43012	43112
	30	43212	43312	43412	43512	43612
	22 1/2	43712	43812	43912	44012	44112
	11 1/4	44212	44312	44412	44512	44612
1 1/2"	90	42115	42215	42315	42415	42615
	45	42715	42815	42915	43015	43115
	30	43215	43315	43415	43515	43615
	22 1/2	43715	43815	43915	44015	44115
	11 1/4	44215	44315	44415	44515	44615
2"	90	42120	42220	42320	42420	42620
	45	42720	42820	42920	43020	43120
	30	43220	43320	43420	43520	43620
	22 1/2	43720	43820	43920	44020	44120
	11 1/4	44220	44320	44420	44520	44620
2 1/2"	90	42125	42225	42325	42425	42625
	45	42725	42825	42925	43025	43125
	30	43225	43325	43425	43525	43625
	22 1/2	43725	43825	43925	44025	44125
	11 1/4	44225	44325	44425	44525	44625
3"	90	42130	42230	42330	42430	42630
	45	42730	42830	42930	43030	43130
	30	43230	43330	43430	43530	43630
	22 1/2	43730	43830	43930	44030	44130
	11 1/4	44230	44330	44430	44530	44630
3 1/2"	90	42135	42235	42335	42435	42635
	45	42735	42835	42935	43035	43135
	30	43235	43335	43435	43535	43635
	22 1/2	43735	43835	43935	44035	44135
	11 1/4	44235	44335	44435	44535	44635
4"	90	—	42240	42340	42440	42640
	45	—	42840	42940	43040	43140
	30	—	43340	43440	43540	43640
	22 1/2	—	43840	43940	44040	44140
	11 1/4	—	44340	44440	44540	44640
5"	90	—	—	42350	42450	42650
	45	—	—	42950	43050	43150
	30	—	—	43450	43550	43650
	22 1/2	—	—	43950	44050	44150
	11 1/4	—	—	44450	44550	44650
6"	90	—	—	—	42460	42660
	45	—	—	—	43060	43160
	30	—	—	—	43560	43660
	22 1/2	—	—	—	44060	44160
	11 1/4	—	—	—	44560	44660

Note: Orders for special radius elbows are non-returnable and non-cancelable.



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Schedule 40 PVC Special Radius Elbows Belled End

Size	Degree of Bend	Part #	Part #	Part #	Part #	Part #
		18" Radius BE	24" Radius BE	30" Radius BE	36" Radius BE	48" Radius BE
1"	90	22110	22210	22310	22410	22510
	45	22610	22710	22810	22910	23010
	30	23110	23210	23310	23410	23510
	22 1/2	23610	23710	23810	23910	24010
	11 1/4	24110	24210	24310	24410	24510
1 1/4"	90	22112	22212	22312	22412	22512
	45	22612	22712	22812	22912	23012
	30	23112	23212	23312	23412	23512
	22 1/2	23612	23712	23812	23912	24012
	11 1/4	24112	24212	24312	24412	24512
1 1/2"	90	22115	22215	22315	22415	22515
	45	22615	22715	22815	22915	23015
	30	23115	23215	23315	23415	23515
	22 1/2	23615	23715	23815	23915	24015
	11 1/4	24115	24215	24315	24415	24515
2"	90	22120	22220	22320	22420	22620
	45	22720	22820	22920	23020	23120
	30	23220	23320	23420	23520	23620
	22 1/2	23720	23820	23920	24020	24120
	11 1/4	24220	24320	24420	24520	24620
2 1/2"	90	22125	22225	22325	22425	22625
	45	22725	22825	22925	23025	23125
	30	23225	23325	23425	23525	23625
	22 1/2	23725	23825	23925	24025	24125
	11 1/4	24225	24325	24425	24525	24625
3"	90	22130	22230	22330	24730	22630
	45	22730	22830	22930	23030	23130
	30	23230	23330	23430	23530	23630
	22 1/2	23730	23830	23930	24030	24130
	11 1/4	24230	24330	24430	24530	24630
3 1/2"	90	22135	22235	22335	22435	22635
	45	22735	22835	22935	23035	23135
	30	23235	23335	23435	23535	23635
	22 1/2	23735	23835	23935	24035	24135
	11 1/4	24235	24335	24435	24535	24635
4"	90	—	22240	22340	24740	22640
	45	—	22840	22940	23040	23140
	30	—	23340	23440	23540	23640
	22 1/2	—	23840	23940	24040	24140
	11 1/4	—	24340	24440	24540	24640
5"	90	—	—	22350	22450	22650
	45	—	—	22950	23050	23150
	30	—	—	23450	23550	23650
	22 1/2	—	—	23950	24050	24150
	11 1/4	—	—	24450	24550	24650
6"	90	—	—	—	24760	22660
	45	—	—	—	23060	23160
	30	—	—	—	23560	23660
	22 1/2	—	—	—	24060	24160
	11 1/4	—	—	—	24560	24660

Note: Orders for special radius elbows are non-returnable and non-cancelable.



Southern Pipe, Inc.

P. O. Box 606, 135 Random Drive, New London, NC 28127

Phone: 704-463-5202 Fax: 704-463-5203 www.southern-pipe.com

Schedule 80 PVC Standard Radius Elbow-Plain End



90° Elbows

45° Elbows

30° Elbows

Size	Pkg. Qty	Pkg Wt	Part No.	Pkg. Qty	Pkg Wt	Part No	Pkg. Qty	Pkg Wt	Part No
½"	50	7.40	50605	50	4.70	50705	50	3.80	50805
¾"	25	5.78	50608	25	2.94	50708	25	4.03	50808
1"	20	8.11	50610	20	4.84	50710	20	6.00	50810
1 ¼"	30	21.32	50612	25	11.25	50712	25	8.85	50812
1 ½"	30	28.85	50615	20	11.99	50715	20	8.57	50815
2"	15	26.71	50620	10	11.21	50720	10	7.91	50820
2 ½"	18	50.85	50625	20	35.21	50725	20	28.01	50825
3"	14	64.78	50630	8	23.37	50730	8	18.19	50830
4"	10	93.72	50640	20	111.66	50740	20	67.61	50840
5"	30	589.88	50650	30	383.36	50750	30	318.11	50850
6"	25	815.75	50660	25	516.65	50760	25	416.90	50860

Notes



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UL LISTED Schedule 80 PVC Special Radius Elbows-Plain End

Size	Degree Of Bend	Part # 18" Radius PE	Part # 24" Radius PE	Part # 36" Radius PE	Part # 48" Radius PE
1"	90	52110	52210	52410	52610
	45	52710	52810	53010	53110
	30	53210	53310	53510	53610
	22 1/2	53710	53810	54010	54110
	11 1/4	54210	54310	54510	54610
1 1/4"	90	52112	52212	52412	52612
	45	52712	52812	53012	53112
	30	53212	53312	53512	53612
	22 1/2	53712	53812	54012	54112
	11 1/4	54212	54312	54512	54612
1 1/2"	90	52115	52215	52415	52615
	45	52715	52815	53015	53115
	30	53215	53315	53515	53615
	22 1/2	53715	53815	54015	54115
	11 1/4	54215	54315	54515	54615
2"	90	52120	52220	52420	52620
	45	52720	52820	53020	53120
	30	53220	53320	53520	53620
	22 1/2	53720	53820	54020	54120
	11 1/4	54220	54320	54520	54620
2 1/2"	90	52125	52225	52425	52625
	45	52725	52825	53025	53125
	30	53225	53325	53525	53625
	22 1/2	53725	53825	54025	54125
	11 1/4	54225	54325	54525	54625
3"	90	52130	52230	52430	52630
	45	52730	52830	53030	53130
	30	53230	53330	53530	53630
	22 1/2	53730	53830	54030	54130
	11 1/4	54230	54330	54530	54630
4"	90	—	52240	52440	52640
	45	—	52840	53040	53140
	30	—	53340	53540	53640
	22 1/2	—	53840	54040	54140
	11 1/4	—	54340	54540	54640
5"	90	—	—	52450	52650
	45	—	—	53050	53150
	30	—	—	53550	53650
	22 1/2	—	—	54050	54150
	11 1/4	—	—	54550	54650
6"	90	—	—	52460	52660
	45	—	—	53060	53160
	30	—	—	53560	53660
	22 1/2	—	—	54060	54160
	11 1/4	—	—	54560	54660

Note: 1. Orders for special radius elbows are non-returnable and non-cancelable.
 2. Other sizes available upon special request.



Southern Pipe, Inc.

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UTILITY DUCT FITTINGS

MANUFACTURER OF QUALITY PVC ELECTRICAL CONDUIT PRODUCTS



Southern Pipe, Inc.

P. O. Box 606, 135 Random Drive, New London, NC 28127

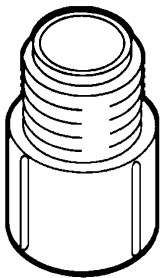
Phone: 704-463-5202 Fax: 704-463-5203 www.southern-pipe.com

PVC Conduit Fittings for Utility Duct

Terminal Adapters

 LISTED

Molded

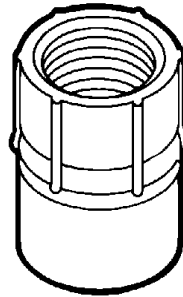


Size	Pkg. Qty	Pkg Wt.	Part No
2"	40	5.64	40220
3"	40	16.09	40230
4"	20	12.73	40240
5"	10	15.31	40250
6"	8	12.54	40260

Female Adapters

 LISTED

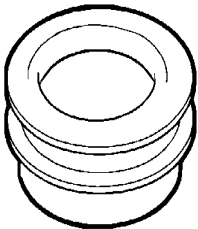
Molded



Size	Pkg Qty	Pkg Wt.	Part No
2"	40	6.75	40320
3"	40	19.41	40330
4"	20	17.04	40340
5"	10	14.34	40350
6"	8	16.94	40360

End Bells

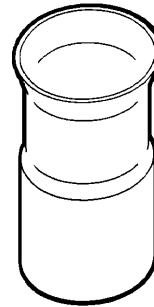
Molded- Conduit



Size	Pkg Qty	Pkg Wt.	Part No
2"	40	3.60	40420
3"	50	8.97	40430
4"	50	16.37	40440
5"	25	12.62	40450
6"	15	9.32	40460

Long End Bells TC-6

Fabricated

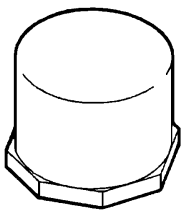


Size	Pkg Qty	Pkg Wt.	Part No
2"	50	11.77	67920
3"	50	23.51	67930
4"	50	43.34	67940
5"	25	35.71	67950
6"	15	23.04	67960

End Caps

 LISTED

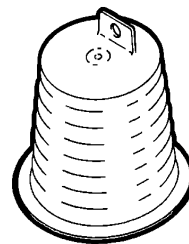
Molded



Size	Pkg Qty	Pkg Wt.	Part No
2"	50	9.45	44820
3"	25	13.18	44830
4"	25	22.25	44840
5"	25	26.15	44850
6"	10	18.48	44860

End Plug w/ Pull Eye

Molded



Size	Pkg Qty	Pkg Wt.	Part No
2"	70	5.68	48020
3"	45	6.77	48030
4"	80	16.66	48040
5"	45	13.88	48050
6"	35	10.93	48060



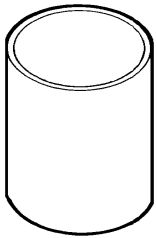
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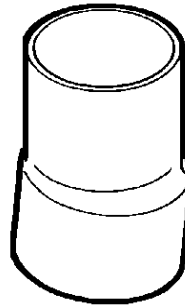
PVC Conduit Fittings For Utility Duct

Longline Sleeve Coupling Sch 40



Size	Pkg Qty	Pkg Wt.	Part No
2"	20	6.37	46720
3"	25	17.35	46730
4"	12	22.43	46740
5"	6	14.46	46730
6"	4	13.72	46760

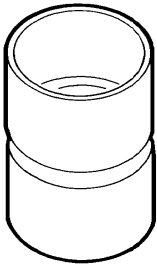
5° Angle Coupling TC-6



Bell x Plain End Fabricated

Size	Pkg. Qty	Pkg Wt.	Part No
2"	20	4.71	60220
3"	25	13.12	60230
4"	12	13.28	60240
5"	6	11.23	60250
6"	4	8.40	60260

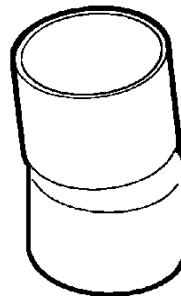
TC-6 Coupling w/ Center Stop



Fabricated

Size	Pkg Qty	Pkg Wt.	Part No
2"	20	4.71	68320
3"	25	13.12	68330
4"	12	13.28	68340
5"	6	11.23	68350
6"	4	8.40	68360

5° Angle Coupling TC-6



Bell x Bell Fabricated

Size	Pkg Qty	Pkg Wt.	Part No
2"	20	4.71	60120
3"	25	13.12	60130
4"	12	13.28	60140
5"	6	10.64	60150
6"	4	7.81	60160



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Special Radius PVC DB Elbows TC-6

Size	Degree Of Bend	Part #	Part #	Part #	Part #	Part #	Part #
		18" Radius	24" Radius	36" Radius	48" Radius	60" Radius	150" Radius
2"	90	62120	62220	62320	62420	62520	62720
	45	62920	63020	63120	63220	63320	63420
	30	63520	63620	63720	63820	63920	64020
	22 1/2	64120	64220	64320	64420	64520	64620
3"	90	62130	62230	62330	62430	62530	62730
	45	62930	63030	63130	63230	63330	63430
	30	63530	63630	63730	63830	63930	64030
	22 1/2	64130	64230	64330	64430	64530	64630
3 1/2"	90	62135	62235	62335	62435	62535	62735
	45	62935	63035	63135	63235	63335	63435
	30	63535	63635	63735	63835	63935	64035
	22 1/2	64135	64235	64335	64435	64535	64635
4"	90	—	62240	62340	62440	62540	62740
	45	—	63040	63140	63240	63340	63440
	30	—	63640	63740	63840	63940	64040
	22 1/2	—	64240	64340	64440	64540	64640
5"	90	—	—	62350	62450	62550	62750
	45	—	—	63150	63250	63350	63450
	30	—	—	63750	63850	63950	64050
	22 1/2	—	—	64350	64450	64550	64650
6"	90	—	—	62360	62460	62560	62760
	45	—	—	63160	63260	63360	63460
	30	—	—	63760	63860	63960	64060
	22 1/2	—	—	64360	64460	64560	64660

Note: Orders for DB elbows are non-returnable and non-cancelable.



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SPACERS

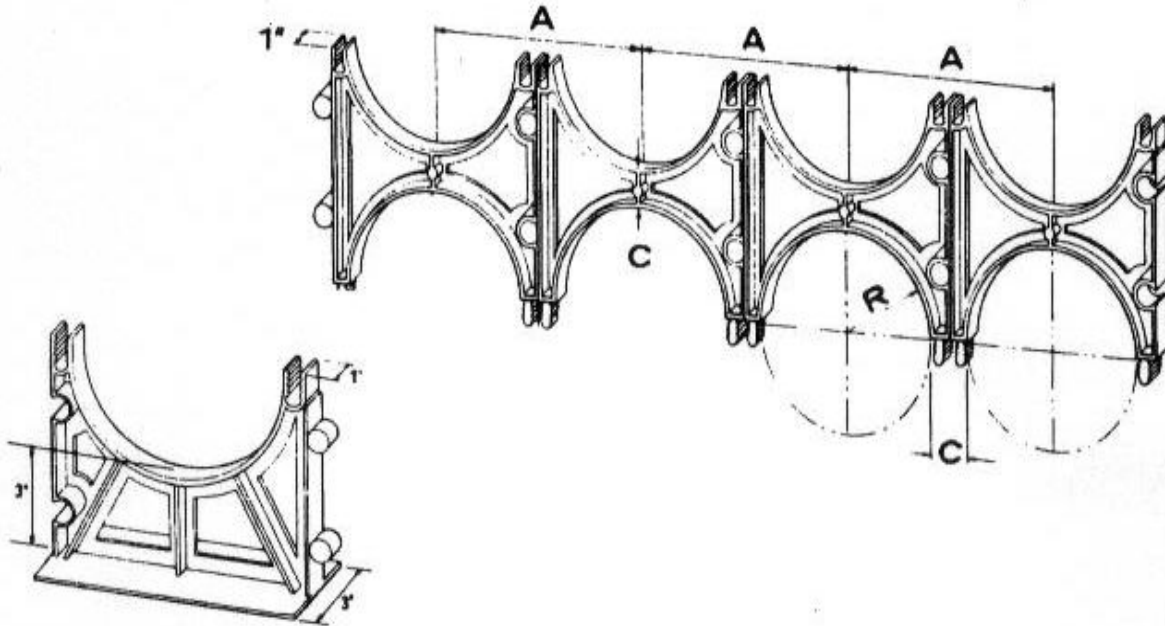


Southern Pipe, Inc.

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Intermediate and Base Spacer Dimensions



Base spacers provide a 3" separation between the bottom row of ducts and the trench floor, except for the 4' x 1' size which is 1 3/4".

Dimensional Data

Nominal Size	1" Separation			1 1/2" Separation			2" Separation			3" Separation		
	R	A	C	R	A	C	R	A	C	R	A	C
2"	Saddle spacers only			1.2	4.0	1.5	1.2	4.5	2.0	1.2	5.5	3.0
3"	Saddle spacers only			1.8	5.1	1.5	1.8	5.6	2.0	1.8	6.6	3.0
4"	2.3	5.6	1.0	2.3	6.1	1.5	2.3	6.6	2.0	2.3	7.6	3.0
5"	Saddle spacers only			2.9	7.3	1.5	2.9	7.9	2.0	2.9	8.9	3.0
6"	—	—	—	3.3	8.2	1.5	3.4	8.7	2.0	3.4	9.8	3.0
8"	—	—	—	4.3	10.2	1.5	4.3	10.7	2.0	—	—	—

All dimensions in inches



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TECHNICAL INFORMATION

MANUFACTURER OF QUALITY PVC ELECTRICAL CONDUIT PRODUCTS

Chemical Resistance

Key: E= Excellent G= Good
N= Not Resistant
O= Untested L= Limited

<u>Chemical</u>	<u>Rating</u>	<u>Chemical</u>	<u>Rating</u>	<u>Chemical</u>	<u>Rating</u>
Acetic Acid 0-10%	G	Butane, Butylene	E	Fatty Acid	E
Acetic Acid 10-20%	G	Buttermilk	E	Ferric Chloride	E
Acetic Acid 20-30%	G	Butyl Phenol	L	Ferric Nitrate	E
Acetic Acid 30-60%	G	Butylene	E	Ferric Sulfate	E
Acetic Acid 80%	L	Butyric Acid 20%	L	Ferrous Nitrate	E
Acetic Acid - Glacial	L			Fish Solubles	E
Acetic Acid - Vapors	G	Calcium Bisulfide	E	Fluoroboric Acid - 25%	E
Acetylene	E	Calcium Bisulfite	E	Flourosilicic Acid	E
Adipic Acid	E	Calcium Carbonate	E	Formaldehyde	G
Alcohol - Amyl	L	Calcium Chlorate	E	Food Products such as Milk, Buttermilk, Molasses, Salad	
Alcohol - Butyl	L	Calcium Chlorine	E	Oils, Fruit	E
Alcohol - Ethyl	E	Calcium Hydroxide	E	Formic Acid	E
Alcohol - Methyl	E	Calcium Hypochlorite	E	Freon- 12	E
Alcohol - Propargyl	E	Calcium Nitrate	E	Fructose	E
Alcohol - Propyl	E	Calcium Oxide	E	Fruit Pulps and Juices	E
Alum	E	Calcium Sulfate	E	Fuel Oil (containing H2SO4)	E
Alum, Ammonium	E	Cane Sugar Liquors	E		
Alum, Chrome	E	Carbolic Acid	E		
Alum, Potassium	E	Carbon Dioxide (Aqueous S.L.)	E	Gallic Acid	E
Aluminum Chloride	E	Carbon Dioxide Gas (Wet)	E	Gas - Coke Oven	G
Aluminum Fluoride	E	Carbon Monoxide	E	Gas- Natural (Dry)	E
Aluminum Hydroxide	E	Carbonated Water	E	Gas - Natural (Wet)	E
Aluminum Oxychloride	E	Carbonic Acid	E	Gasoline (leaded)	E
Aluminum Nitrate	E	Casein	E	Gasoline (unleaded)	E
Aluminum Sulfate	E	Castor Oil	E	Gasoline- Refined	L
Ammonia - Dry Gas	E	Caustic Potash	E	Gasoline- Sour	E
Ammonia, Aqua (10%)	E	Caustic Soda	E	Gelatine	E
Ammonia- Liquid	N	Cellosolve	L	Glucose	E
Ammonium Acetate	E	Chloracetic Acid	E	Glycerine (Glycerol)	E
Ammonium BiFluoride	E	Chloral Hydrate	E	Glycol	E
Ammonium Carbonate	E	Chloric Acid 20%	E	Glue	E
Ammonium Chloride	E	Chlorine (Dry)	L	Glycolic Acid 30%	E
Ammonium Hydroxide - 28%	E	Chlorine Gas (moist)	L	Green Liquor (Paper Industry)	E
Ammonium Metaphosphate	E	Chlorine Water	E		
Ammonium Monophosphate	E	Chloroacetic Acid	E	Heptane	L
Ammonium Nitrate	E	Chlorosulfonic Acid (100%)	N	Hexanol Tertiary	L
Ammonium Persulfate	E	Chrome Alum	E	Hydrobromic Acid - 20%	E
Ammonium Phosphate (Ammoniacal)	O	Chromic Acid 10%	E	Hydrochloric Acid - 0-25%	E
Ammonium Phosphate-Neutral	E	Chromic Acid 25%	G	Hydrochloric Acid - 25-40%	E
Ammonium Sulfate	E	Chromic Acid 30%	G	Hydrocyanic Acid or Hydrogen Cyanide	E
Ammonium Sulfide	E	Chromic Acid 40%	L	Hydrofluoric Acid 4%	G
Ammonium Thiocyanate	E	Chromic Acid 50%	L	Hydrofluoric Acid 10%	E
Anthraquinone	E	Citric Acid	E	Hydrofluoric Acid 48%	G
Anthraquinonesulfonic Acid	E	Coconut Oil	E	Hydrofluoric Acid 60%	G
Anitimony Trichloride	E	Coke Oven Gas	E	Hydrofluoric Acid 100%	L
Arsenic Acid - 80%	E	Copper Carbonate	E	Hydrogen	E
Arylsulfonic Acid	L	Copper Chloride	E	Hydrogen Peroxide - 30%	E
Asphalt	E	Copper Cyanide	E	Hydrogen Peroxide - 50%	E
		Copper Fluoride	E	Hydrogen Sulfide-Aqueous Solution	E
Barium Carbonate	E	Copper Nitrate	E	Hydrogen Sulfide - Dry	E
Barium Chloride	E	Copper Sulfate	E	Hydroquinone	E
Barium Hydroxide	E	Core Oils	E	Hydroxylamine Sulfate	E
Barium Sulfate	E	Corn Oil	E	Hypochlorous Acid	E
Barium Sulfide	E	Corn Syrup	E	Hypo - (Sodium Thiosulfate)	E
Beer	E	Cottonseed Oil	L		
Beet - Sugar Liquor	E	Cresylic Acid 50%	E	Iodoform	O
Benzenesulfonic Acid- 10%	E	Crude Oil - Sour	E	Isopropylalcohol	E
Benzoic Acid	E	Crude Oil - Sweet	E		
Bismuth Carbonate	E	Cuprous Chloride	E		
Black Liquor (Paper Industry)	E			Jet Fuels, JP4 & JP5	E
Bleach - 12.5% Active CL2	G	Demineralized Water	E		
Borax	E	Dextrin	E	Kerosene	E
Borax Liquors	E	Dextrose	E	Kraft Liquor (Paper Industry)	E
Boric Acid	E	Diazo Salts	E		
Boron, TriFluoride	E	Diesel Fuels	E	Lacquer Thinners	L
Breeder Pellets- Fish Deriv.	E	Disodium Phosphate	E	Lactic Acid 28%	E
Brine	E	Diglycolic Acid	E	Lard Oil	E
Bromic Acid	E	Dioxane - 1.4	N	Lauric Acid	E
Bromine - Water	L	Divinyl Benzene	O	Lauryl Chloride	E
Butadiene	L	Drying Oil	O	Lauryl Sulfate	E
Butane	E	Ethylene Glycol	E	Lead Acetate	E

<u>Chemical</u>	<u>Rating</u>	<u>Chemical</u>	<u>Rating</u>	<u>Chemical</u>	<u>Rating</u>
Linoleic Acid	E	Lead	E	Sodium Dichromate (Neutral)	E
Linseed Oil	E	Nickel	E	Sodium Ferricyanide	E
Liquers	E	Rhodium	E	Sodium Ferrocyanide	E
Liquors	E	Silver	E	Sodium Fluoride	E
Lithium Bromide	E	Tin	E	Sodium Hydroxide 10%	E
Lubricating Oil	E	Zinc	E	Sodium Hydroxide 15%	E
		Potassium Acid Sulfate	E	Sodium Hydroxide 35%	E
Machine Oil	E	Potassium Aluminum Sulfate	O	Sodium Hydroxide 70%	E
Magnesium Carbonate	E	Potassium Alum	E	Sodium Hydroxide (satr)	E
Magnesium Chloride	E	Potassium Antimonate	E	Sodium Hypochlorite	E
Magnesium Citrate	E	Potassium Bicarbonate	E	Sodium iodide	E
Magnesium Hydroxide	E	Potassium Bichromate	E	Sodium Nitrate	E
Magnesium Nitrate	E	Potassium Bisulfite	E	Sodium Nitrite	E
Magnesium Sulfate	E	Potassium Borate 1%	E	Sodium Perborate	E
Maleic Acid	E	Potassium Borate	E	Sodium Peroxide	E
Malic Acid	E	Potassium Bromate 10%	E	Sodium Phosphate	E
Mercuric Chloride	G	Potassium Bromate	E	Sodium Phosphate-Acid	G
Mercuric Cyanide	O	Potassium Bromide	E	Sodium Silicate	E
Mercurous Nitrate	G	Potassium Carbonate	E	Sodium Sulfate	E
Mercury	G	Potassium Chlorate (ag)	E	Sodium Sulfide	E
Methane	E	Potassium Chlorate	E	Sodium Sulfite	E
Methyl Salicylate	E	Potassium Chloride	E	Sodium Thiosulfate (Hypo)	E
Methyl Sulfate	E	Potassium Chromate (Aln)	E	Sour Crude Oil	E
Methyl Sulfonic Acid	E	Potassium Chromate (Neut.)	E	Stannic Chloride	E
Methyl Sulfuric Acid	E	Potassium Chromate 40%	E	Stannous Chloride (50%)	E
Milk	E	Potassium Cuprocyanide	E	Stannous Chloride	E
Mineral Oils	E	Potassium Cyanide	E	Starch	E
Mixed Acids (H2SO4 & HNO3)	E	Potassium Dichromate 40%	E	Stearic Acid	E
Molasses	E	Potassium Dichromate	E	Sulfated Detergents	E
Muriatic Acid	E	Potassium Dichrom (Alkaline)	E	Sulfur	E
		Potassium Dichron (Neutral)	E	Sulfur Dioxide Gas - Dry	E
Naptha	E	Potassium Diphosphate	E	Sulfur Trioxide	E
Natural Gas, Dry & Wet	E	Potassium Ferricyanide	E	Sulfur Dioxide - Liquid	L
Nickel Acetate	E	Potassium Ferrocyanide	E	Sulphuric Acid 0-10%	E
Nickel Chloride	E	Potassium Fluoride	E	Sulphuric Acid 10-30%	E
Nickel Nitrate	E	Potassium Hydroxide	E	Sulphuric Acid 30-50%	E
Neck Sulfate	E	Potassium Hypochlorite	G	Sulphuric Acid 50-75%	E
Nickel Sulphate	E	Potassium iodide	E	Sulphuric Acid 75-90%	L
Nicotine	E	Potassium Nitrate	E	Sulphurous Acid	L
Nicotine Acid	E	Potassium Perborate	E		
Nitric Acid 10%	E	Potassium Perchlorite	E	Tan Oil	E
Nitric Acid 20%	G	Potassium Permanganate 10%	E	Tannic Oil	E
Nitric Acid 35%	G	Potassium Permanganate 25%	G	Tanning Liquors	E
Nitric Acid 40%	G	Potassium Persulfate	E	Tartaric Acid	E
Nitric Acid 60%	G	Potassium Sulfate	E	Tetrachloroethane	L
Nitric Acid 68%	L	Potassium Sulfide	E	Tetraethyl Lead	G
Nitropropane	N	Potassium Thiosulfate	E	Tepineol	G
Nitrous Acid (10%)	E	Propane	E	Tin Chloride	E
Nitrous Oxide	E	Propylene Glycol	E	Titanium Tetrachloride	E
		Pyrogallic Acid	L	Toxaphene (90%)	O
Ocenol (Unsaturated Alcohol)	G			Trichloroacetic Acid	E
Oils and Fats	E	Rayon Coagulating Bath	E	Triethanolamine	G
Oleic Acid	E	Rochelle Salts	E	Tri et hyl am i n e	G
Oxalic Acid	E			Trimethyl Propane	L
Oxygen	E	Sea Water	E	Trisodium Phosphate	E
		Salenis Acid (Aqueous)	O	Turpentine	L
Palmitic Acid 10%	E	Salicylaldehyde	L		
Palmitic Acid 70%	L	Salt Water	E	Urea	E
Paraffin	E	Selenic Acid	E	Urine	E
Pentane	L	Sewage	E		
Perchloric Acid 10%	G	Silicic Acid	E	Vegetable Oil	E
Perchloric Acid 15%	G	Silver Cyanide	E	Vinegar	E
Perchloroethylene	O	Silver Nitrate	E		
Petrolatum	E	Silver Sulfate	E	Water - Acid Mine	E
Phenihydrazine - Hydrochloride	L	Soap Solution	E	Water- Distilled	E
Phosgene (Gas)	E	Soaps	E	Water- Fresh	E
Phosphoric Acid 0-25%	E	Sodium Acetate	E	Water - Salt	E
Phosphoric Acid 25-50%	E	Sodium Alum	E	Water - Sewage	E
Phosphoric Acid 50-70%	E	Sodium Acid Sulfate	E	Whiskey	E
Phosphoric Acid - 85%	E	Sodium Aluminate	E	White Gasoline	E
Phosphorous (Yellow)	G	Sodium Antinonate	E	White Liquor (Paper Industry)	E
Phosphorous (Red)	E	Sodium Arsenite	E	Wines	E
Phosphorous Pentoxide	G	Sodium Benzoate	E		
Photographic Chemicals	E	Sodium Bicarbonate	E	Zinc Chloride	E
Photographic Solutions	E	Sodium Bisulfate	E	Zinc Chromate	E
Phthalic Acid	L	Sodium Bisulfite	E	Zinc Cyanide	E
Plating Solutions		Sodium Borate	E	Zinc Nitrate	E
Brass	E	Sodium Bromide	E	Zinc Sulfate	E
Cadmium	E	Sodium Carbonate (Soda Ash)	E		
Chromium	G	Sodium Chlorate	G	Mixture of Acids:	
Copper	E	Sodium Chloride	E	Nitric 15%	
Gold	E	Sodium Chlorite	L	Hydrofluoric 4%	E
Iron	E	Sodium Cyanide	E	Sodium Dichromate 13%	
Judium	E	Sodium Dichromate	E	Nitric Acid 16	
				Water 71 %	E

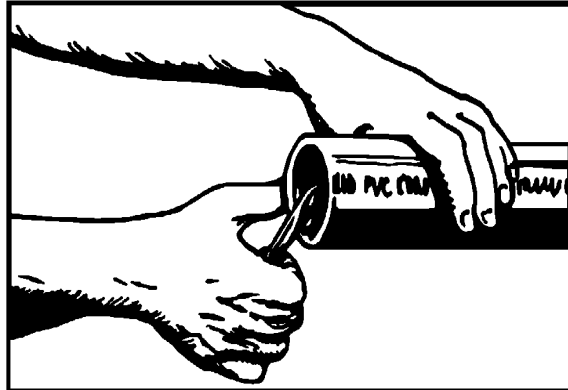
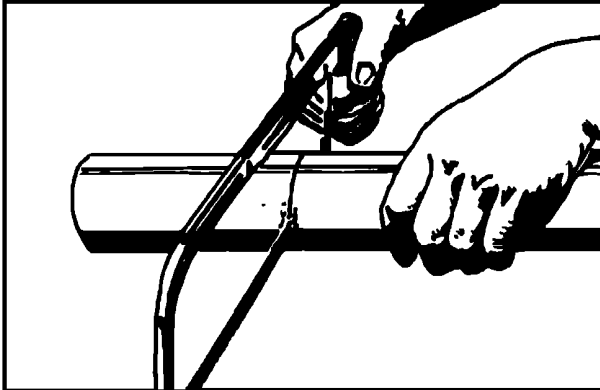


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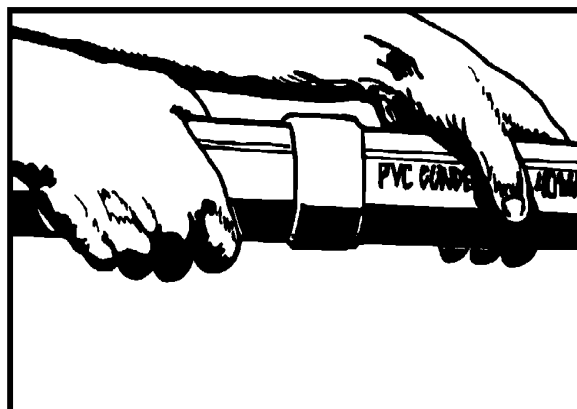
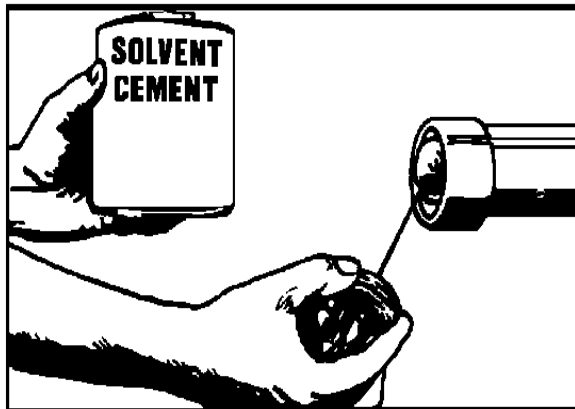
P. O. Box 606, 135 Random Drive, New London, NC 28127

Phone: 704-463-5202 Fax: 704-463-5203 www.southern-pipe.com

Installation Instructions



After cutting, the conduit ends should be cleaned of dust, dirt and shavings. Be sure the conduit is clean and dry.



Apply a thin, even coating of PVC solvent cement to the socket to be joined; apply an even coat of PVC solvent cement to the end of the conduit equal to the depth of the socket to be attached.

Push the conduit and socket firmly together until the conduit bottoms out in the socket. Immediately rotate the conduit one quarter turn to assure even cement spread. Initial set will occur in a few minutes allowing continuous installation.