ELECTRICAL

Rigid PVC Conduit Pipe & Fittings

A System for Residential, Industrial, Commercial and Institutional Applications

Westlake Pipe & Fittings

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Note: This brochure is not intended to assume the authority of the Design Engineer. Actual jobsite conditions will vary significantly. The sole responsibility for all design and installation decisions lies with the Design Engineer. All local health and safety regulations must be followed.

Rigid PVC Conduit Pipe & Fittings

A system for residential, industrial, commercial and institutional applications.

Product Description & Applications

We manufacture a complete line of Rigid PVC Conduit pipe and fittings for electrical applications. Our products are designed to reduce labour and maintenance costs, while offering superior performance.

Products are certified by the Canadian Standards Association (CSA) and Underwriters Laboratories (UL) for use in above and below ground applications. Our Rigid PVC conduit pipe and fittings are available in 12 to 150mm (0- to 6-inch) diameters and 3- or 6-metre (10- or 20-foot) lengths.

Standards and Codes

Rigid PVC Conduit pipe and fittings are certified to CSA Standards as noted below. Our Rigid PVC conduit pipe and fittings shall be installed according to the Canadian Electrical Code (CEC) Part I, Rules 12-1100 - 12-1122 and the National Electrical Code (NEC) Article 352.

FEATURES AND BENEFITS

Saves Labour

Rigid PVC Conduit pipe and fittings are easy to install, cut and join.

Easy Wire Pulls

The conduit's smooth interior surface reduces friction and prevents damage to wires when pulling wire and conductors for long runs and even through 90° bends.

Pipe		Fittings	
C22.2 No. 211.2	UL 651	C22.2	
Conforms to NEMA TC2		No. 18.2, 85 (Boxes) No. 40 (Electrical Encl.) No. 42.1 (Covers) No. 85 (Fittings)	UL 514C (Boxes) UL 50 (Electrical Encl.) UL 514D (Covers) UL 651 (Fittings)

Approximate Weight Comparison			
Size mm (in.)	PVC lb/100ft (kg/m)	Aluminum lb/100ft (kg/m)	Steel lb/100ft (kg/m)
6 (½)	16.1 (0.24)	16.1 (0.24)	79 (1.20)
19 (¾)	21.5 (0.32)	21.5 (0.32)	105 (1.55)
25 (1)	31.9 (0.47)	31.9 (0.47)	153 (2.30)
32 (1¼)	43.8 (0.65)	43.8 (0.65)	201 (3.00)
38 (1½)	52.3 (0.78)	52.3 (0.78)	249 (3.70)
50 (2)	70.3 (1.05)	70.3 (1.05)	334 (5.00)
63 (2½)	112.0 (1.61)	112.0 (1.61)	527 (7.85)
75 (3)	146.7 (2.18)	146.7 (2.18)	690 (10.25)
90 (3½)	176.4 (2.63)	176.4 (2.63)	831 (12.40)
100 (4)	208.9 (3.11)	208.9 (3.11)	982 (14.60)
125 (5)	283.4 (4.22)	283.4 (4.22)	1,344 (20.40)
150 (6)	368.0 (5.48)	368.0 (5.48)	1,771 (26.35)

Lightweight Materials

Rigid PVC Conduit is easier to move and handle because it is approximately one-fifth the weight of steel and half the weight of aluminium.

Simplifies Direct Burial

Rigid PVC Conduit does not require additional protection for direct burial installations according to the Canadian Electrical Code (CEC) and the National Electrical Code (NEC). Normal construction practices should be followed for trenching and backfill operations.

Non-Conductive

Rigid PVC Conduit is non-conductive.

Long Life

Rigid PVC Conduit and fittings resist acids, alkalis, salt solutions and most other chemicals. (Refer to the Chemical Resistance Guide for detailed information.) There is no risk of corrosion when exposed to naturally corrosive soil conditions, electrochemical or galvanic environments. Rigid PVC Conduit has achieved sunlight resistance as per the requirements of the Electrical Code.

FT-4 Rating

Rigid PVC Conduit pipe has an FT-4 Rating and can be used in non-combustible construction as per Part 3 of the National Building Code of Canada (NBC).

Installation Guidelines

Cutting

Rigid PVC Conduit can easily be cut with a hacksaw, a fine-toothed handsaw or PVC conduit cutters. For conduit with more than a 50mm (2-inch) diameter, use a mitre box or saw guide to ensure a square cut. Deburr the end using a knife or file.

Bending

It may be necessary to create bends in the field by heating and deforming Rigid PVC Conduit. To accomplish this, the following guidelines should be followed:

- For heating the Rigid PVC Conduit, use a heat gun or some other flameless heat source. Do not use an open flame to heat the conduit. Rigid PVC Conduit must be heated to approximately 127°C (260°F) in order to bend without kinking.
- Heat a length of conduit equal to approximately 10 times the nominal diameter.
- Once the Rigid PVC Conduit has been adequately heated, bend it to the required angle plus 3 extra degrees. The additional angle will accommodate the "spring back" which will occur during cooling.
- After bending of the conduit is completed, immediately cool the bend using water or cold air.
- According to the Canadian Electrical Code (CEC) and the National Electrical Code (NEC), the minimum bending radius for rigid conduit is as shown in the table below.

Nominal Size mm (in.)	Min. Radius to Centre of Conduit or Tubing mm (in.)
6 (½)	102 (4.016)
21 (¾)	114 (4.489)
27 (1)	146 (5.748)
35 (1¼)	184 (7.244)
41 (1½)	210 (8.268)
53 (2)	241 (9.488)
63 (2½)	267 (10.512)
78 (3)	330 (12.992)
91 (3½)	381 (14.606)
103 (4)	406 (15.984)
129 (5)	610 (24.016)
155 (6)	762 (30.000)

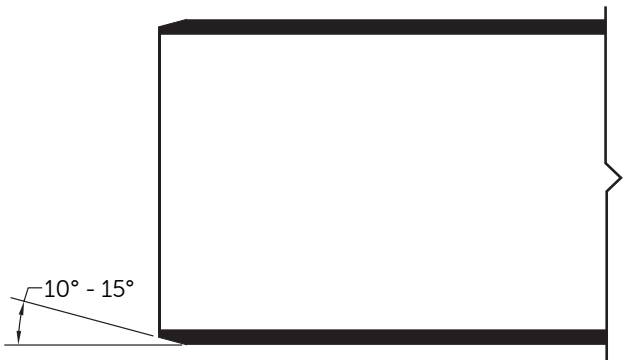
Procedure for Solvent Welding Joints

- Use solvent cement and primer prior to expiration date marked on container.
- Above 0°C ambient temperature, joints may be assembled without the use of primer, provided adequate penetration and softening of the pipe/fitting surface can be achieved with solvent cement alone.

1. Assemble materials for the job, including correct solvent cement, primer and correctly sized applicator.
2. Cut pipe as square as possible using a hand saw and miter box or mechanical saw. Do not use a diagonal cut, as it reduces the bonding area in the joint.
3. If plastic tubing cutters are used, care must be taken to remove any raised bead at the end of the pipe, caused by cutting. A file or reamer may be used to remove the bead.
4. Use a knife, file or reamer to remove burrs from the inside and outside of the pipe end, as these will hinder the integrity of the joint. All sharp edges should be removed from the inside and outside edges of the pipe to prevent the pipe from pushing the solvent cement into the fitting socket, thereby causing a weak spot to form.

The pipe end should be chamfered, as shown below.

Chamfered Pipe



Procedure for Solvent Welding Joints

(Continued)

5. All dirt, grease and moisture should be removed from the pipe and socket by thoroughly wiping with a clean, dry cloth.
6. Dry fit pipe and fitting joints prior to cementing. For proper interference fit, the pipe should go easily into the socket approximately to of the socket depth. If this is not the case, other pipe or fittings should be used.
7. The applicator should be sized according to the size of pipe and fittings being joined. The brush width of the applicator should be equal to approximately ½ of the pipe diameter.
8. Primer is used to penetrate and soften the surfaces so that they will fuse together under a wide variety of conditions. The penetration or softening can be checked by dragging the edge of a knife or sharp object over the coated surface. If a few thousandths of an inch of the primed surface can be scratched or scraped away, proper penetration has occurred. Varying weather conditions affect priming and cementing action and may require more time or repeated applications to either or both surfaces.
9. If using primer, use the correct applicator size (see #7) and aggressively work the primer into the socket, keeping the surface and applicator wet until the surface has softened, re-dipping the applicator as required. When the surface is primed, remove any puddles of primer from the socket.
10. Aggressively work the primer on to the end of the pipe, to a point ½" beyond the depth of the socket.
11. Perform a second application of primer in the socket.
12. While the surfaces are still wet, the appropriate solvent cement should be applied.
13. Using the correct applicator size, aggressively work a full, even layer of cement onto the pipe end to a point equal to the depth of the socket. Do not brush out to a thin paint type layer, as this will dry within a few seconds.
14. Aggressively work a medium layer of cement into the fitting socket; avoid puddling cement in the socket. On the pipe end, do not coat beyond the socket depth or allow cement to run down into the pipe beyond the socket.
15. Apply a second full, even layer of cement on the pipe.
16. Immediately, while the cement is still wet, assemble the joint. Use enough force to ensure that the pipe is fully inserted into the socket. Twist the pipe a . turn as it is being inserted.
17. Hold the joint together for approximately 30 seconds to avoid push out.
18. After assembly, inspect the joint to ensure that there is a ring or bead of cement completely around the juncture of the pipe and socket. If there are voids in this ring, sufficient cement was not applied and the joint may be defective.
19. Remove the excess cement from the pipe and socket (including the ring or bead) using a cloth. Avoid disturbing or moving the joint.
20. Handle newly cemented joints with care until initial set has taken place. Follow set and cure times before handling or testing the system.

PIPE DIMENSIONS				
Nominal Size mm (in.)	Avg. Outside Diameter mm (in.)	Avg. Inside Diameter mm (in.)	Avg. Wall Thickness mm (in.)	Approx. Weight lb/100ft (kg/m)
12 (½)	21 (0.840)	15 (0.608)	3 (0.116)	16.1 (0.24)
19 (¾)	27 (1.050)	21 (0.810)	3 (0.120)	21.5 (0.32)
25 (1)	33 (1.315)	26 (1.033)	4 (0.141)	31.9 (0.47)
32 (1¼)	42 (1.660)	35 (1.362)	4 (0.149)	43.8 (0.65)
38 (1½)	48 (1.900)	40 (1.592)	4 (0.154)	52.3 (0.78)
50 (2)	60 (2.375)	52 (2.049)	4 (0.163)	70.3 (1.05)
63 (2½)	73 (2.875)	62 (2.445)	5 (0.215)	112.0 (1.61)
75 (3)	89 (3.500)	77 (3.042)	6 (0.229)	146.7 (2.18)
90 (3½)	102 (4.000)	89 (3.520)	6 (0.240)	176.4 (2.63)
100 (4)	114 (4.500)	102 (3.998)	6 (0.251)	208.9 (3.11)
125 (5)	141 (5.565)	127 (5.017)	7 (0.274)	283.4 (4.22)
150 (6)	168 (6.625)	153 (6.031)	8 (0.297)	368.0 (5.48)

Specification

All wiring shall be installed in Rigid PVC Conduit and secured with proper fittings. All conduit and fittings shall be manufactured by, Pipe & Fittings Solutions. All outlets, pull boxes and junction points.

Exposed conduit shall be securely attached and supported with straps that are installed at the recommended spacing specified in CEC Section 12-1114. The straps must allow for linear expansion and contraction of the conduit due to temperature change. If the variance in temperature exceeds 14°C (25°F), expansion joints shall be installed according to the manufacturer's recommendations.

If Rigid PVC Conduit is embedded in concrete or direct buried, support straps are not required.

Solvent Cementing

All connections should be made using and applying Westlake Pipe & Fittings solvent cement.

SET TIMES Average Initial Set Times			
Temperature Range	Pipe Sizes ½" to 1¼"	Pipe Sizes 1½" to 2"	Pipe Sizes 2½" to 6"
15°C to 40°C	2 min.	5 min.	30 min.
5°C to 15°C	5 min.	10 min.	2 hrs.
-16°C to 5°C	10 min.	15 min.	12 hrs.

JOINT CURE SCHEDULE Average Joint Cure Schedule			
Temperature Range During Assembly & Cure Periods	Pipe Sizes ½" to 1¼"	Pipe Sizes 1½" to 2"	Pipe Sizes 2½" to 6"
15°C to 40°C	2 min.	5 min.	30 min.
5°C to 15°C	5 min.	10 min.	2 hrs.
-16°C to 5°C	10 min.	15 min.	12 hrs.

ESTIMATED PRIMER REQUIREMENTS Average Number of Joints per Litre of Solvent Cement									
Pipe/Fitting Diameter	½"	¾"	1"	1½"	2"	2½"	3"	4"	6"
Number of Joints	300	200	125	90	60	40	40	30	10

ESTIMATED PRIMER REQUIREMENTS Average Number of Joints per Litre of Primer									
Pipe/Fitting Diameter	½"	¾"	1"	1½"	2"	2½"	3"	4"	6"
Number of Joints	600	400	250	180	120	80	80	60	20

SET Solvent Cementing in Cold Weather

- Store pipe and fittings in a heated area. Prefabricate as much of the system as possible in a heated area.
- When not in use, store sealed solvent cement and primer between 5°C and 21°C. Do not use open flame or electric heaters to warm cements and primers.
- Take care to remove moisture, ice and snow from the mating surfaces.

Solvent Cementing in Hot Weather

- At the time of assembly, the surface temperature of the mating surfaces should not exceed 45°C. Shade or shelter the joint surfaces from direct sunlight for at least 1 hour prior to joining and during the joining process. If necessary, swab the mating surfaces with clean, wet rags to reduce the surface temperature (thoroughly dry surfaces before applying primer or cement).
- Make joints during the cooler early morning hours.
- Apply cement quickly and join pipe to fitting as quickly as possible after applying the cement.
- Keep solvent cement container closed or covered when not in use, to minimize solvent loss.

Solvent Cementing in Wet Conditions

- Mating surfaces must be dry when the joint is made.
- Work under a cover or canopy to keep rain off pipe and fittings.
- Work quickly after drying the pipe and fitting to avoid condensation.
- Allow a longer cure time before the system is tested or used.

Storage and Handling of Solvent Cement and Primer

- Solvent cement and primer contain highly flammable solvents.

Follow all specific safety precautions provided on container label and Material Safety Data Sheet.

- Keep primer and solvent cement away from heat, sparks and open flame.
- Keep containers tightly closed except when in use.
- Ensure proper ventilation of work area and avoid inhaling solvent vapours.
- Where the possibility of splashing exists, wear proper eye protection or a face shield.
- Avoid contact with skin.

Support Straps

Rigid PVC conduit must be supported with straps when installed in above ground applications. These straps should be installed snugly, while allowing linear movement of the conduit. See the table below for recommended maximum spacing of support straps.

MAXIMUM RECOMMENDED SPACING OF SUPPORT STRAPS		
Nominal Size mm (in.)	CEC Recommended Spacing ft (m)	NEC Recommended Spacing ft (m)
16 (½)	2½ (0.75)	3 (0.91)
21 (¾)	2½ (0.75)	3 (0.91)
27 (1)	2½ (0.75)	3 (0.91)
35 (1¼)	4 (1.20)	5 (1.50)
41 (1½)	4 (1.20)	5 (1.50)
53 (2)	6 (1.80)	5 (1.50)
63 (2½)	6 (1.80)	3 - 6 (1.80)
78 (3)-129 (5)	7 (2.10)	3½ - 5 (2.10)
155 (6)	8 (2.50)	8 (2.50)

Storing Conduit Pipe and Fittings

Store Rigid PVC conduit pipe and fittings at the same temperature. Otherwise they may expand and contract at different rates and become incompatible.

Maximum Operating Temperatures

According to the Canadian Electrical Code (CEC), Rigid PVC conduit is intended for use at a continuous operating temperature of 75°C (167°F). For US applications, our Rigid PVC conduit is rated for use with 90°C wiring, according to the requirements of the NEC.

Ambient Temperatures

Rigid PVC Conduit and fittings can be installed in locations with an ambient temperature not exceeding 50°C (122°F).

Expansion Joints

According to the CEC, if the amount of expansion expected due to temperature variance during and after construction is more than 45mm, expansion joints must be used.

Expected Expansion

The coefficient of linear expansion for Rigid PVC conduit is as follows:

3×10^{w} in (expansion/contraction)/in. (pipe length)/°F (change in temperature),

5.4×10^{-5} mm (expansion/contraction)/mm (pipe length)/°C (change in temperature)

Note:

The following chart shows the amount of expansion expected with various pipe lengths/temperature changes. If the Rigid PVC Conduit is installed in an exposed location, 17°C (30°F) should be added to the amount of temperature change (T) due to the effects of radiant heat.

Pipe Dimensions

EXPANSION/CONTRACTION OF PVC (MM)										
Length of Pipe Run (m)										
ΔT (°C)	2	4	6	8	10	12	14	16	18	20
5	0.54	1.08	1.62	2.16	2.70	3.24	3.78	4.32	4.86	5.40
10	1.08	2.16	3.24	4.32	5.40	6.48	7.56	8.64	9.72	10.80
15	1.62	3.24	4.86	6.48	8.10	9.72	11.34	12.96	14.58	16.20
20	2.16	4.32	6.48	8.64	10.80	12.96	15.12	17.28	19.44	21.60
25	2.70	5.40	8.10	10.80	13.50	16.20	18.90	21.60	24.30	27.00
30	3.24	6.48	9.72	12.96	16.20	19.44	22.68	25.92	29.16	32.40
35	3.78	7.56	11.34	15.12	18.90	22.68	26.46	30.24	34.02	37.80
40	4.32	8.64	12.96	17.28	21.60	25.92	30.24	34.56	38.88	43.20
45	4.86	9.72	14.58	19.44	24.30	29.16	34.02	38.88	43.74	48.60
50	5.40	10.80	16.20	21.60	27.00	32.40	37.80	43.20	48.60	54.00

EXPANSION/CONTRACTION OF PVC (IN.)										
Length of Pipe Run (ft)										
ΔT (°C)	5	10	15	20	25	30	35	40	45	50
5	0.01	0.02	0.03	0.04	0.05	0.05	0.06	0.07	0.08	0.09
10	0.02	0.04	0.05	0.07	0.09	0.11	0.13	0.14	0.16	0.18
15	0.03	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.24	0.27
20	0.04	0.07	0.11	0.14	0.18	0.22	0.25	0.29	0.32	0.36
25	0.05	0.09	0.14	0.18	0.23	0.27	0.32	0.36	0.41	0.45
30	0.05	0.11	0.16	0.22	0.27	0.32	0.38	0.43	0.49	0.54
35	0.06	0.13	0.19	0.25	0.32	0.38	0.44	0.50	0.57	0.63
40	0.07	0.14	0.22	0.29	0.36	0.43	0.50	0.58	0.65	0.72
45	0.08	0.16	0.24	0.32	0.41	0.49	0.57	0.65	0.73	0.81
50	0.09	0.18	0.27	0.36	0.45	0.54	0.63	0.72	0.81	0.90

Required Number of Expansion Joints

The following table shows the amount of travel that is available with each trade size of Westlake Pipe & Fittings Rigid PVC conduit expansion joints:

Part Number	Description (in.)	Description, mm (in.)
REJ10	½" Expansion Joint	102 (4)
REJ15	¾" Expansion Joint	102 (4)
REJ20	1" Expansion Joint	102 (4)
REJ25	1¼" Expansion Joint	102 (4)
REJ30	1½" Expansion Joint	102 (4)
REJ35	2" Expansion Joint	102 (4)
REJ40	2½" Expansion Joint	102 (4)
REJ45	3" Expansion Joint	204 (8)
REJ50	3½" Expansion Joint	204 (8)
REJ55	4" Expansion Joint	204 (8)
REJ60	5" Expansion Joint	204 (8)
REJ65	6" Expansion Joint	204 (8)

The required number of expansion joints can be calculated using the following formula:

$$\#\ \text{Expansion Joints Required} = \frac{\text{Total Expected Amount of Expansion (in.)}}{\text{Expansion Joint Travel Allowance (in.)}}$$

$$\#\ \text{Expansion Joints Required} = \frac{\text{Total Expected Amount of Expansion (mm)}}{\text{Expansion Joint Travel Allowance (mm)}}$$

The number of expansion joints calculated above should be rounded up to the nearest whole number.

SETTING THE PISTON OPENING

Expansion joints must be installed such that they allow for both expansion and contraction of the conduit. The piston of the expansion joint must be set at the correct position to allow for this linear movement. To determine the correct position for the piston at the time and temperature of installation, the following formula should be used:

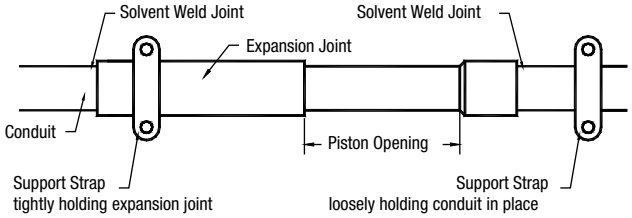
$$\text{Piston Setting (in.)} = \frac{\text{(Max. Temp. (°F) – Install. Temp. (°F))}}{\text{Total Expected Temperature Change (°F)}} \times \left[\frac{\text{Expansion Joint}}{\text{Expansion Allow. (in.)}}\right]$$

$$\text{Piston Setting (mm)} = \frac{\text{(Max. Temp. (°C) – Install. Temp. (°C))}}{\text{Total Expected Temperature Change (°C)}} \times \left[\frac{\text{Expansion Joint}}{\text{Expansion Allow. (mm)}}\right]$$

INSTALLATION GUIDELINES

- Securely fasten the expansion joint barrel so that it does not shift. Loosely connect the conduit so that it is free to move.
- To function properly, expansion joints should be installed near a fixed point.
- It is better to use more expansion joints than not enough, since problems are difficult to correct after conductors and wires have been pulled through the conduit.
- Ensure that the barrel and piston are aligned and level.
- For vertical installations of expansion joints, install with the piston at the bottom to prevent dirt and water from getting inside the joint.

INSTALLATION EXAMPLE



IF ONE EXPANSION JOINT IS REQUIRED:

Securely fasten the barrel of the expansion joint close to one of the boxes. Support the conduit with straps, but allow free movement of the conduit for expansion and contraction. (See Drawing 1)

IF TWO EXPANSION JOINTS ARE REQUIRED:

There are two options available:

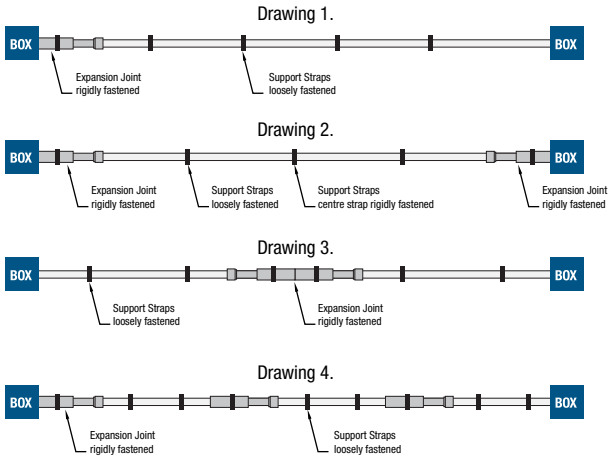
1. Firmly fasten one expansion joint near each end of the run and firmly fasten the conduit at the centre. Support the rest of the conduit with straps allowing for movement of the conduit. (See Drawing 2)
2. Firmly fasten the expansion joints back-to-back at the centre of the run. The conduit should be supported with straps to allow free movements as it expands and contracts. (See Drawing 3)

IF THREE OR MORE EXPANSION JOINTS ARE REQUIRED:

Evenly space the expansion joints along the run of Rigid PVC conduit. Tightly fasten each expansion joint and support the conduit with straps. Do not restrict the movement of the conduit.

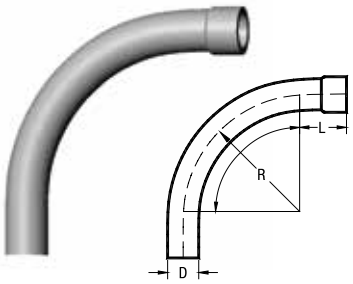
**For information on Maximum Recommended Spacing of Support Straps, see page 4.*

DRAWINGS 1-4



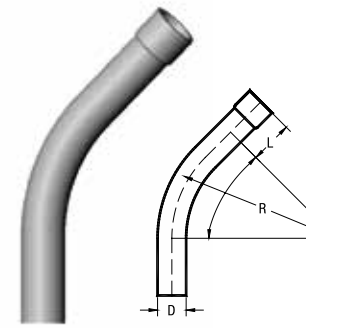
Fittings – Bends (Bell Ends)

90° ELBOWS - BELL END



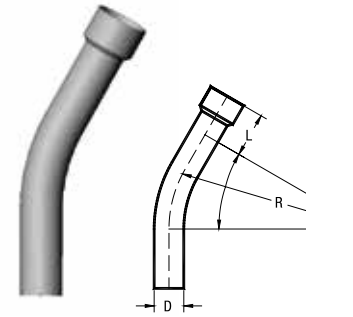
Sizes (in.)	Product Code	UPC Number	Diameter (D) (in.)	Length (L) (in.)	Radius (R) (in.)
½	REE1090	46120	0.840	1.500	4.00
¾	REE1590	46150	1.050	1.500	4.50
1	REE2090	46180	1.315	1.875	5.75
1¼	REE2590	46210	1.660	2.000	7.25
1½	REE3090	46240	1.900	2.000	8.25
2	REE3590	46270	2.375	2.000	9.50
2½	REE4090	46330	2.875	3.000	10.50
3	REE4590	46360	3.500	3.125	13.00
3½	REE5090	46390	4.000	3.250	15.00
4	REE5590	46420	4.500	3.375	16.00
5	REE6090	46440	5.565	3.622	24.00
6	REE6590	46460	6.625	3.740	30.00

45° ELBOWS - BELL END



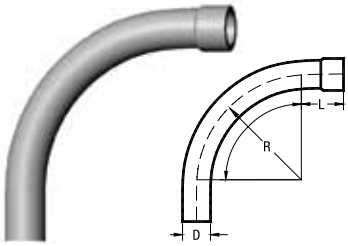
Sizes (in.)	Product Code	UPC Number	Diameter (D) (in.)	Length (L) (in.)	Radius (R) (in.)
½	REE1045	46120	0.840	1.500	4.00
¾	REE1545	46150	1.050	1.500	4.50
1	REE2045	46180	1.315	1.875	5.75
1¼	REE2545	46210	1.660	2.000	7.25
1½	REE3045	46240	1.900	2.000	8.25
2	REE3545	46270	2.375	2.000	9.50
2½	REE4045	46330	2.875	3.000	10.50
3	REE4545	46360	3.500	3.125	13.00
3½	REE5045	46390	4.000	3.250	15.00
4	REE5545	46420	4.500	3.375	16.00
5	REE6045	46440	5.565	3.625	24.00
6	REE6545	46460	6.625	3.750	30.00

30° ELBOWS - BELL END



Sizes (in.)	Product Code	UPC Number	Diameter (D) (in.)	Length (L) (in.)	Radius (R) (in.)
½	REE1030	46100	0.840	1.500	4.00
¾	REE1530	46130	1.050	1.500	4.50
1	REE2030	46160	1.315	1.875	5.75
1¼	REE2530	46190	1.660	2.000	7.25
1½	REE3030	46220	1.900	2.000	8.25
2	REE3530	46274	2.375	2.000	9.50
2½	REE4030	46310	2.875	3.000	10.50
3	REE4530	46340	3.500	3.125	13.00
3½	REE5030	46375	4.000	3.250	15.00
4	REE5530	46400	4.500	3.375	16.00
5	REE6030	46425	5.565	3.625	24.00
6	REE6530	46442	6.625	3.750	30.00

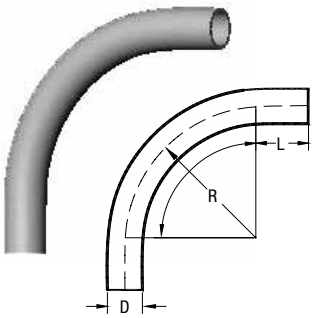
UTILITIES 90° ELBOWS - BELL END



Sizes (in.)	Product Code	UPC Number	Diameter (D) (in.)	Length (L) (in.)	Radius (R) (in.)
2	REE2-24	46501	2.375	41.20	24.00
2	REE2-36	46502	2.375	31.70	36.00
3	REE3-24	46503	3.500	41.20	24.00
3	REE3-36	46504	3.500	31.70	36.00
4	REE4-36	46465	4.500	31.70	36.00
4	REE4-48	46505	4.500	31.70	48.00
5	REE5-36	46506	5.565	31.70	36.00
6	REE6-36	46507	6.625	31.70	36.00

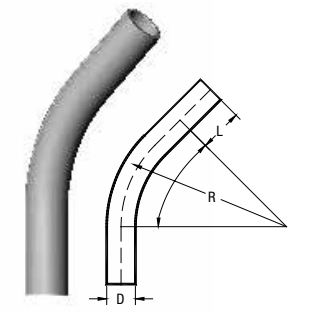
Bends (Plain Ends)

90° ELBOWS - PLAIN END



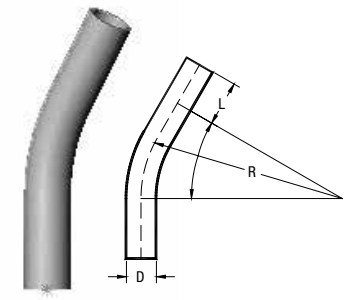
Sizes (in.)	Product Code	UPC Number	Diameter (D) (in.)	Length (L) (in.)	Radius (R) (in.)
½	REE1090PE	46120	0.840	1.500	4.00
¾	REE1590PE	46150	1.050	1.500	4.50
1	REE2090PE	46180	1.315	1.875	5.75
1¼	REE2590PE	46210	1.660	2.000	7.25
1½	REE3090PE	46240	1.900	2.000	8.25
2	REE3590PE	46270	2.375	2.000	9.50
2½	REE4090PE	46330	2.875	3.000	10.50
3	REE4590PE	46360	3.500	3.125	13.00
3½	REE5090PE	46390	4.000	3.250	15.00
4	REE5590PE	46420	4.500	3.375	16.00
5	REE6090PE	46440	5.565	3.622	24.00
6	REE6590PE	46460	6.625	3.740	30.00

45° ELBOWS - PLAIN END



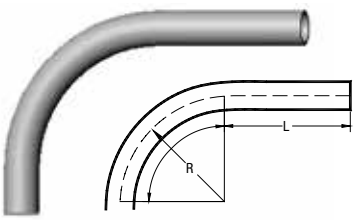
Sizes (in.)	Product Code	UPC Number	Diameter (D) (in.)	Length (L) (in.)	Radius (R) (in.)
½	REE1045PE	46110	0.840	1.500	4.00
¾	REE1545PE	46140	1.050	1.500	4.50
1	REE2045PE	46170	1.315	1.875	5.75
1¼	REE2545PE	46200	1.660	2.000	7.25
1½	REE3045PE	46230	1.900	2.000	8.25
2	REE3545PE	46280	2.375	2.000	9.50
2½	REE4045PE	46320	2.875	3.000	10.50
3	REE4545PE	46350	3.500	3.125	13.00
3½	REE5045PE	46380	4.000	3.250	15.00
4	REE5545PE	46415	4.500	3.375	16.00
5	REE6045PE	46430	5.565	3.625	24.00
6	REE6545PE	46450	6.625	3.750	30.00

30° ELBOWS - PLAIN END



Sizes (in.)	Product Code	UPC Number	Diameter (D) (in.)	Length (L) (in.)	Radius (R) (in.)
½	REE1030PE	46100	0.840	1.500	4.00
¾	REE1530PE	46130	1.050	1.500	4.50
1	REE2030PE	46160	1.315	1.875	5.75
1¼	REE2530PE	46190	1.660	2.000	7.25
1½	REE3030PE	46220	1.900	2.000	8.25
2	REE3530PE	46274	2.375	2.000	9.50
2½	REE4030PE	46310	2.875	3.000	10.50
3	REE4530PE	46340	3.500	3.125	13.00
3½	REE5030PE	46375	4.000	3.250	15.00
4	REE5530PE	46400	4.500	3.375	16.00
5	REE6030PE	46425	5.565	3.625	24.00
6	REE6530PE	46442	6.625	3.750	30.00

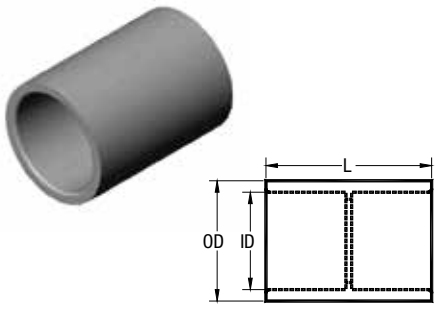
UTILITIES 90° ELBOWS - PLAIN END



Sizes (in.)	Product Code	UPC Number	Diameter (D) (in.)	Length (L) (in.)	Radius (R) (in.)
1¼	REE2590E	46125	1.660	14.750	7.25
1½	REE3090E	46260	1.900	14.750	8.25
2	REE3590E	43290	2.375	14.750	9.50

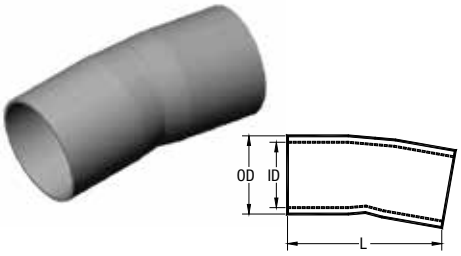
Couplings and Adapters

COUPLINGS



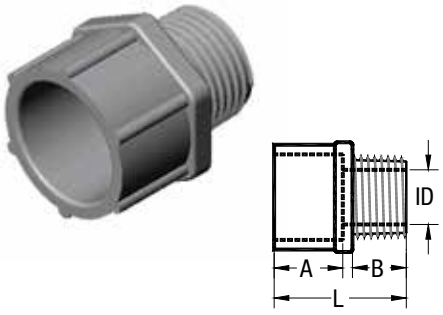
Sizes (in.)	Product Code	UPC Number	Outside Diameter (OD) (in.)	Inside Diameter (ID) (in.)	Length (L) (in.)
½	REC10	45950	1.080	0.840	1.437
¾	REC15	45960	1.300	1.050	1.703
1	REC20	45970	1.590	1.315	2.031
1¼	REC25	45980	2.000	1.660	2.156
1½	REC30	45990	2.230	1.900	2.281
2	REC35	46000	2.720	2.375	2.406
2½	REC40	46010	3.320	2.875	3.187
3	REC45	46020	4.000	3.500	3.437
3½	REC50	46030	4.500	4.000	3.625
4	REC55	46060	5.000	4.500	3.750
5	REC60	46080	6.120	5.565	4.187
6	REC65	46090	7.370	6.625	4.562

5° COUPLINGS (*FABRICATED)



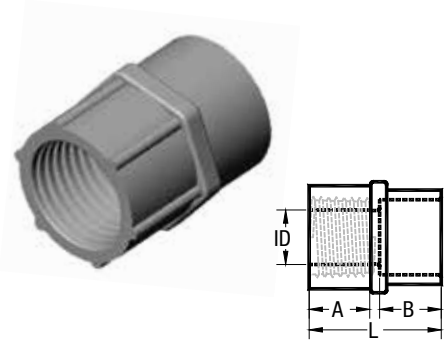
Sizes (in.)	Product Code	UPC Number	Outside Diameter (OD) (in.)	Inside Diameter (ID) (in.)	Length (L) (in.)
2	R5EC35	46800	2.375	2.049	4.0
2½	R5EC40	46805	3.500	2.445	5.5
3	R5EC45	46810	3.500	3.042	6.0
3½	R5EC50	46815	4.500	3.521	7.0
4	R5EC55	46820	4.500	3.998	7.0
5	R5EC60	46825	5.565	5.018	7.5
6	R5EC65	46830	6.625	6.031	11.0

TERMINAL ADAPTERS (½"- 1¼"TAPERED THREAD, 6" NPT)



Sizes (in.)	Product Code	UPC Number	A (in.)	B (in.)	Inside Diameter (ID) (in.)	Thread (in.)
½	RTA10	45730	0.750	0.700	0.591	1.550
¾	RTA15	45740	1.000	0.675	0.790	1.750
1	RTA20	45750	1.115	0.625	1.000	1.860
1¼	RTA25	45760	1.300	0.640	1.311	2.125
1½	RTA30	45770	1.425	0.725	1.530	2.250
2	RTA35	45780	1.150	0.800	1.970	2.100
2½	RTA40	45790	1.900	0.800	2.346	2.930
3	RTA45	45800	2.000	0.815	2.915	3.055
3½	RTA50	45810	1.715	1.000	3.385	3.055
4	RTA55	45820	1.990	0.815	3.850	3.215
5	RTA60	45830	2.000	1.725	5.015	5.985
6	RTA65	45840	2.130	1.875	6.025	6.500

FEMALE ADAPTERS (NPT TAPERED THREAD)



Sizes (in.)	Product Code	UPC Number	A (in.)	B (in.)	Inside Diameter (ID) (in.)	Thread (in.)
½	RFA10	44990	0.800	0.825	0.620	1.725
¾	RFA15	45000	0.800	1.000	0.820	1.900
1	RFA20	45010	1.000	1.200	1.065	2.300
1¼	RFA25	45020	1.015	1.300	1.395	2.425
1½	RFA30	45030	1.050	1.290	1.575	2.440
2	RFA35	45040	1.075	1.375	2.050	2.550
2½	RFA40	45050	1.675	1.985	2.470	3.760
3	RFA45	45060	1.630	2.150	3.090	4.100
3½	RFA50	45070	1.800	2.000	3.540	3.985
4	RFA55	45080	1.755	2.185	4.025	4.210
5	RFA60	45090	2.065	3.000	5.035	5.240
6	RFA65	45100	2.065	3.000	6.045	5.235

Fittings – Expansions Joints, Straps and Meter Accessories

EXPANSION JOINTS

Sizes (in.)	Product Code	UPC Number	Expanded Length (E) (in.)	Contracted Length (C) (in.)	Travel (in.)
½	REJ10	44870	12.00	8.00	4.00
¾	REJ15	44880	12.00	8.00	4.00
1	REJ20	44890	12.50	8.50	4.00
1¼	REJ25	44900	13.00	9.00	4.00
1½	REJ30	44910	13.00	9.00	4.00
2	REJ35	44920	13.25	9.25	4.00
2½	REJ40	44930	13.25	9.25	4.00
3	REJ45	44940	22.25	14.25	8.00
3½	REJ50	44950	22.25	14.25	8.00
4	REJ55	44960	22.25	14.25	8.00
5	REJ60	44963	22.25	14.25	8.00
6	REJ65	44966	22.25	14.25	8.00

EXPANSION JOINTS

PVC	Sizes (in.)	Product No.	UPC No.	PVC Coated Steel	Sizes (in.)	Product No.	UPC No.	PVC Coated Steel	Sizes (in.)	Product No.	UPC No.
2 Hole	½	RPS10	45540	2 Hole	2	RCS35	44783	1 Hole	½	RCS10-1	46850
	¾	RPS15	45550		2½	RCS40	44784		¾	RCS15-1	46852
	1	RPS20	45560		3	RCS45	44785		1	RCS20-1	46854
	1¼	RPS25	45570		3½	RCS50	44786		1¼	RCS25-1	46856
	1½	RPS30	45580		4	RCS55	44787		1½	RCS30-1	46858
	2	RPS35	45590		5	RCS60	44788		2	RCS35-1	46860
					6	RCS65	44789		2½	RCS40-1	46862
									3	RCS10-1	46864
									4	RCS10-1	46866

METER OFFSETS

Sizes (in.)	Product No.	UPC No.
1¼	RM025	45500
2	RM035	45510

METER HUBS

Sizes (in.)	Product No.	UPC No.
1¼	RMHU25	45480
1½	RMHU30	45485
2	RMHU35	45490

LONG METER OFFSETS (FABRICATED)

Sizes (in.)	Product No.	UPC No.
1¼	RLM025	45472
1½	RML030	45474
2	RML035	45476

EXPANSION & DEFLECTION FITTINGS ASSEMBLY

Sizes (in.)	Product No.	UPC No.
2	RSEJ35	46990
3	RSEJ45	46992
4	RSEJ55	46994

SERVICE ENTRANCE FITTINGS

Sizes (in.)	Product No.	UPC No.
½	REF10	44795
¾	REF15	44800
1	REF20	44810
1¼	REF25	44820
1½	REF30	44830
2	REF35	44840
2½	REF40	44842
3	REF45	44844
3½	REF50	44852
4	REF55	44860

ECOVOC SOLVENT CEMENT (*C/W SCREW CAP & DAUBER)

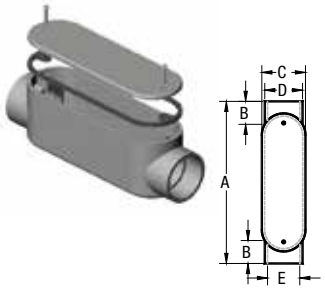
Sizes (in.)	Product No.	UPC No.	Carton Qty.
250ml	RVOC250*	54790	24
475ml	RVOC475*	54795	12
950ml	RVOC950*	54797	12
4L	RVOC4L	54799	4

PRIVOC SOLVENT CEMENT (*C/W SCREW CAP & DAUBER)

Sizes (in.)	Product No.	UPC No.	Carton Qty.
250ml	RVOCPR250*	54800	24
475ml	RVOCPR475*	54802	12
950ml	RVOCPR950*	54804	12
4L	RVOCPR4L	54806	4

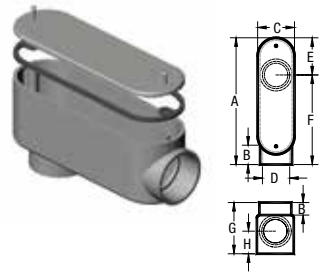
Fittings – Access Fittings

TYPE C



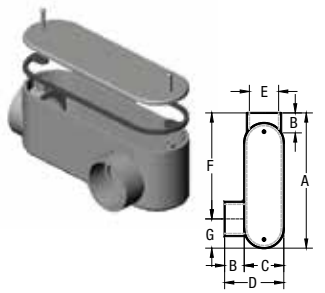
Sizes (in.)	Product Code	UPC Number	A (in.)	B (in.)	C (in.)	D (in.)
½	RSC10S	46600	5.606	0.639	1.268	1.100
¾	RSC20S	46605	5.606	0.810	1.536	1.325
1	RSC30S	46610	6.500	0.910	1.700	1.600
1¼	RSC40S	46615	7.900	1.050	2.300	2.250
1½	RSC50S	46620	8.500	1.125	2.675	2.250
2	RSC60S	45605	10.875	1.160	3.188	2.820
2½	RSC70S	45606	14.600	1.750	4.500	3.950
3	RSC80S	45607	14.600	1.900	4.500	3.950
3½	RSC90S	45609	17.040	2.125	5.536	5.000
4	RSC100S	45608	17.040	2.125	5.536	5.000

TYPE LB



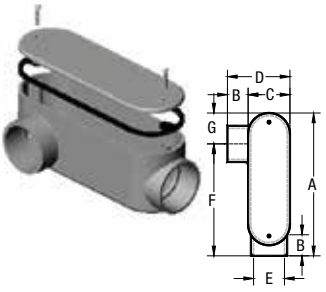
Sizes (in.)	Product Code	UPC Number	A (in.)	B (in.)	C (in.)	D (in.)	E (in.)	F (in.)	G (in.)	H (in.)
½	RSLB10S	45620	4.337	0.639	1.268	0.840	1.297	4.095	2.487	1.005
¾	RSLB20S	45630	5.395	0.810	1.536	1.050	1.297	4.095	2.487	1.005
1	RSLB30S	45640	6.250	0.910	1.700	1.335	1.500	4.750	2.075	1.125
1¼	RSLB40S	45650	7.625	1.050	2.300	1.100	1.750	5.750	3.575	1.562
1½	RSLB50S	45660	8.250	1.125	2.675	1.900	1.750	6.500	3.938	1.656
2	RSLB60S	45670	10.531	1.160	3.188	2.375	2.344	8.156	4.535	1.968
2½	RSLB70S	45675	13.630	1.750	4.500	2.870	2.733	9.825	6.240	2.610
3	RSLB80S	45680	13.630	1.900	4.500	3.510	3.805	10.897	6.240	2.610
3½	RSLB90S	45610	16.000	2.125	5.536	4.000	4.535	11.465	7.500	2.975
4	RSLB100S	45681	16.000	2.125	5.536	4.530	4.535	11.465	7.500	2.975

TYPE LL



Sizes (in.)	Product Code	UPC Number	A (in.)	B (in.)	C (in.)	D (in.)	E (in.)	F (in.)	G (in.)
½	RSLL10S	46650	4.337	0.639	1.268	2.487	0.840	4.095	1.297
¾	RSLL20S	46655	5.395	0.810	1.536	2.487	1.050	4.095	1.297
1	RSLL30S	46660	6.250	0.910	1.700	2.075	1.335	4.750	1.500
1¼	RSLL40S	46665	7.625	1.050	2.300	3.575	1.100	5.750	1.750
1½	RSLL50S	46670	8.250	1.125	2.675	3.938	1.900	6.500	1.750
2	RSLL60S	45682	10.531	1.160	3.188	4.535	2.375	8.156	2.344
2½	RSLL70S	45672	13.630	1.750	4.500	6.240	2.870	9.825	3.805
3	RSLL80S	46674	13.630	1.900	4.500	6.240	3.510	10.897	2.733
3½	RSLL90S	46678	16.000	2.125	5.536	7.500	4.000	11.465	4.535
4	RSLL100S	46676	16.000	2.125	5.536	7.500	4.530	11.465	4.535

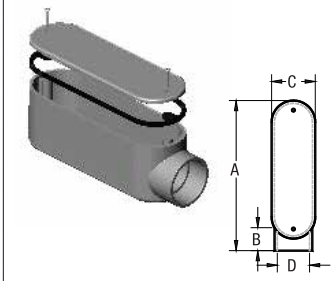
TYPE LR



Sizes (in.)	Product Code	UPC Number	A (in.)	B (in.)	C (in.)	D (in.)	E (in.)	F (in.)	G (in.)
½	RSLR10S	46700	4.337	0.639	1.268	2.487	0.840	4.095	1.297
¾	RSLR20S	46705	5.395	0.810	1.536	2.487	1.050	4.095	1.297
1	RSLR30S	46710	6.250	0.910	1.700	2.075	1.335	4.750	1.500
1¼	RSLR40S	46715	7.625	1.050	2.300	3.575	1.100	5.750	1.750
1½	RSLR50S	46720	8.250	1.125	2.675	3.938	1.900	6.500	1.750
2	RSLR60S	45683	10.531	1.160	3.188	4.535	2.375	8.156	2.344
2½	RSLR70S	46725	13.630	1.750	4.500	6.240	2.870	9.825	3.805
3	RSLR80S	46728	13.630	1.900	4.500	6.240	3.510	10.897	2.733
3½	RSLR90S	46738	16.000	2.125	5.536	7.500	4.000	11.465	4.535
4	RSLR100S	46735	16.000	2.125	5.536	7.500	4.530	11.465	4.535

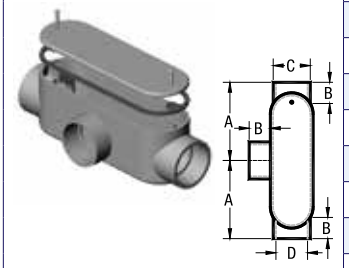
Fittings – Access Fittings

TYPE E



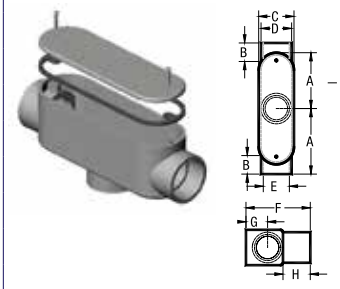
Sizes (in.)	Product Code	UPC Number	A (in.)	B (in.)	C (in.)	D (in.)
½	RSE10S	46630	4.337	0.639	1.268	0.840
¾	RSE20S	46632	5.395	0.810	1.536	1.050
1	RSE30S	46634	6.250	0.910	1.700	1.335
1¼	RSE40S	46636	7.625	1.050	2.300	1.100
1½	RSE50S	46638	8.250	1.125	2.675	1.900
2	RSE60S	46640	10.351	1.160	3.188	2.375
2½	RSE70S	46642	13.630	1.750	4.500	2.870
3	RSE80S	46644	13.630	1.900	4.500	3.510
3½	RSE90S	46648	16.000	2.125	5.536	4.000
4	RSE100S	46646	16.000	2.125	5.536	4.530

TYPE T



Sizes (in.)	Product Code	UPC Number	A (in.)	B (in.)	C (in.)	D (in.)
½	RST10S	45690	2.280	0.639	1.100	0.840
¾	RST20S	45700	2.803	0.810	1.325	1.050
1	RST30S	45710	3.250	0.910	1.600	1.335
1¼	RST40S	45720	3.950	1.050	2.250	1.100
1½	RST50S	45723	4.250	1.125	2.250	1.900
2	RST60S	45725	5.438	1.160	2.820	2.375
2½	RST70S	46745	7.300	1.750	3.950	2.870
3	RST80S	46748	7.300	1.900	3.950	3.510
3½	RST90S	46752	8.535	2.125	5.000	4.000
4	RST100S	46750	8.535	2.125	5.000	4.530

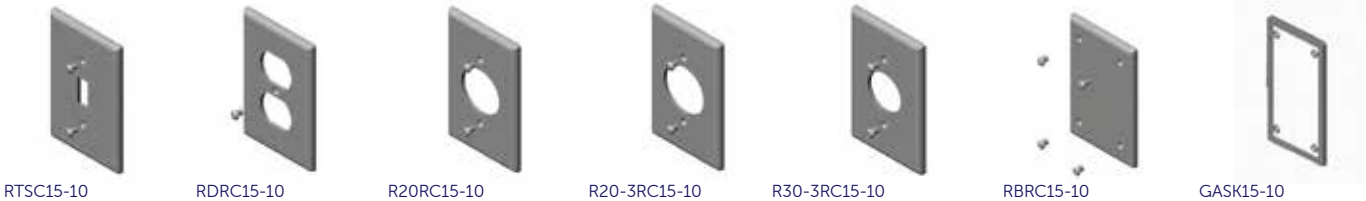
TYPE TB



Sizes (in.)	Product Code	UPC Number	A (in.)	B (in.)	C (in.)	D (in.)	E (in.)	F (in.)	G (in.)	H (in.)
½	RSTB10S	45692	2.280	0.639	1.268	1.100	0.840	2.487	1.005	0.750
¾	RSTB20S	45702	2.803	0.810	1.536	1.325	1.050	2.487	1.005	0.810
1	RSTB30S	45712	3.250	0.910	1.700	1.600	1.335	2.075	1.125	1.115
1¼	RSTB40S	45721	3.950	1.050	2.300	2.250	1.100	3.575	1.562	1.300
1½	RSTB50S	45724	4.250	1.125	2.675	2.250	1.900	3.938	1.656	1.425
2	RSTB60S	45727	5.438	1.160	3.188	2.820	2.375	4.535	1.968	1.160
2½	RSTB70S	46760	7.300	1.750	4.500	3.950	2.870	6.240	2.610	-
3	RSTB80S	46762	7.300	1.900	4.500	3.950	3.510	6.240	2.610	-
3½	RSTB90S	46766	8.535	2.125	5.536	5.000	4.000	7.500	2.975	-
4	RSTB100S	46764	8.535	2.125	5.536	5.000	4.530	7.500	2.975	-

Fittings – Cover Plates

SINGLE GANG COVER PLATES - F SERIES



RTSC15-10 RDRC15-10 R20RC15-10 R20-3RC15-10 R30-3RC15-10 RBRC15-10 GASK15-10

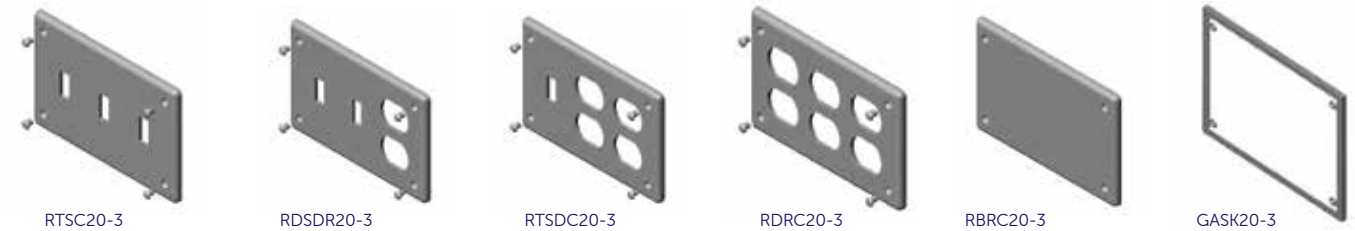
Description	Product Code	UPC Number
Toggle Switch	RTSC15-10	45845
Duplex Receptacle	RDRC15-10R20	44685
Single Receptacle - 15 Amp	RC15-10R20-3	47035
Single Receptacle - 20 Amp	RC15-10R30-3	47036
Single Receptacle - 30 Amp	RC15-10	47037
Single Blank with Gasket	RBRC15-10	44680
Gasket	GASK15-10	44682

DOUBLE GANG COVER PLATES - F SERIES

RTSC20-2 RTSDC20-2 RDRC20-2 RBRC20-2 GASK20-2

Description	Product Code	UPC Number
Double Switch	RTSC20-2	45846
Combo Switch/Receptacle	RTSDC20-2	45847
Double Duplex	RDRC20-2	44686
Double Blank with Gasket	RBRC20-2	44681
Gasket	GASK20-2	45949

TRIPLE GANG COVER PLATES - F SERIES



RTSC20-3 RDSDR20-3 RTSDC20-3 RDRC20-3 RBRC20-3 GASK20-3

Description	Product Code	UPC Number
Triple Switch	RTSC20-3	45857
Double Switch Receptacle	RDSDR20-3	44689
Double Receptacle/Switch	RTSDC20-3	45858
Triple Receptacle	RDRC20-3	44688
Triple Blank with Gasket	RBRC20-3	44683
Gasket	GASK20-3	45859

Fittings – Weatherproof Cover Plates

SINGLE GANG WEATHERPROOF COVER PLATES


RVSC15-10


RVSC15-10


RWTG15-10


RWGF15-10


RWTL


RVSC15-10


GASK W

Description	Product Code	UPC Number
Toggle Switch Cover	RVSC15-10	45940
Plunger Switch Cover	RVPT15-10	45930
Toggle	RWTG15-10	45339
Duplex Receptacle	RWDR15-10	45093
Duplex Receptacle - White	RWDR15-10W	45094
Ground Fault Receptacle	RWGF15-10	45095
Ground Fault Receptacle - White	RWGF15-10W	45098
Single Receptacle - 15 Amp	RWTL15	45470
Single Receptacle - 20 Amp	RWTL20	45472
Single Receptacle - 30 Amp	RWTL30	45480
Single Receptacle - 50 Amp	RWTL50	45482
Gasket	GASK W	45484

DOUBLE GANG WEATHERPROOF COVER PLATES


RTSC20-2


RTSDC20-2


RDRC20-2


RBRC20-2


GASK20-2

Description	Product Code	UPC Number
Double Toggle	RVSC20-2	45941
Plunger/GFI	RVSRC20-2	45947
Plunger/Duplex Receptacle	RVSDR20-2	45945
Plunger/Single Receptacle	RVSRR20-2	45948
Gasket	GASK20-2	45949

Fittings – Slab Boxes

SINGLE GANG BOXES - F SERIES

RFS

RFSS

RFSC

RFSCC

Description	Product Code	UPC Number	Volume (in³)
½" FS	RFS10	45200	17.0
¾" FS	RFS15	45210	17.0
½" FSS	RFSS10	45240	17.5
¾" FSS	RFSS15	45250	17.5
½" FSC	RFSC10	45220	16.3
¾" FSC	RFSC15	45230	16.3
½" FSCC	RFSCC10	45233	17.0
¾" FSCC	RFSCC15	45235	17.0

SINGLE GANG DEEP BOXES - FD SERIES

RFDS

RFDC

BLANK

347 VOLT

OUTSIDE DIMENSIONS: LENGTH = 4.59", WIDTH = 2.83", HEIGHT = 2.92"

Description	Product Code	UPC Number	Volume (in³)
½" FDS	RFDS10	45178	27.6
¾" FDS	RFDS15	45180	27.6
1" FDS	RFDS20	45190	27.6
½" FDC	RFDC10	45170	25.9
¾" FDC	RFDC15	45175	25.9
1" FDC	RFDC20	45177	25.9
BLANK	RFD	45160	36
347 volt	RFD347	45162	24.2

Fittings – Slab Boxes

DOUBLE GANG BOXES - F SERIES


FS


FSS


FSC


FSCC


BLANK

Outside Dimensions: Length = 4.5", Width = 4.75", Height = 2.5", except BLANK, L=4.75", W=4.75", H=3.0"

Description	Product Code	UPC Number	Volume (in^3)
½" FS	RFS2-10	45205	39.5
¾" FS	RFS2-15	45215	39.5
1" FS	RFS2-20	45216	39.5
½" FSS	RFSS2-10	45242	37.0
¾" FSS	RFSS2-15	45244	37.0
1" FSS	RFSS2-20	45246	37.0
½" FSC	RFSC2-10	45222	37.0
¾" FSC	RFSC2-15	45231	37.0
1" FSC	RFSC2-20	45226	37.0
½" FSCC	RFSCC2-10	45234	36.0
¾" FSCC	RFSCC2-15	45238	36.0
1" FSCC	RFSCC2-20	45239	36.0
BLANK	RFD-D	45150	52.0

TRIPLE GANG BOXES - F SERIES


FSC


FSC


BLANK

Outside Dimensions: Length = 4.5", Width = 6.6", Height = 2.5", except BLANK, L = 4.5", W = 6.6", H = 3.0"

Description	Product Code	UPC Number	Volume (in^3)
½" FSC	RFSC3-10	45224	56.0
¾" FSC	RFSC3-15	45232	56.0
1" FSC	RFSC3-20	45228	56.0
½" FS	RFS3-10	45208	54.0
¾" FS	RFS3-15	45218	54.0
1" FS	RFS3-20	45219	54.0
BLANK	RFD-3	45155	73.8

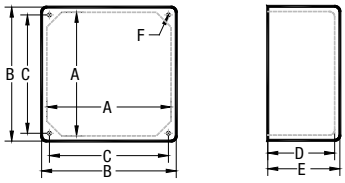
OCTAGONAL BOXES

Sizes (in.)	Product No.	UPC No.
4 x 1½	ROB15/10	45520
4 x 2	ROB20	45525
¾	RKO15	45450
1	RKO20	45455

OCTAGONAL BOX EXTENSION RINGS

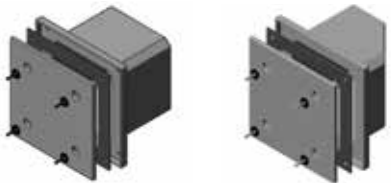
Sizes (in.)	Product No.	UPC No.
1	RXR20	46490
2	RXR35	46495

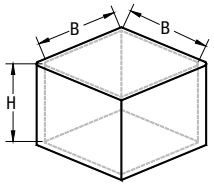
JUNCTION BOXES WITH GASKET

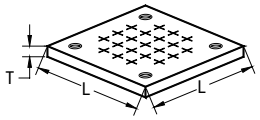


Nominal Size (in.)	Product Number	UPC Number	Inside Length & Width (A) (in.)	Outside Length & Width (B) (in.)	Length Screw to Screw (C) (in.)	Outside Height (E) (in.)	Inside Height (D) (in.)	Screw Size (F)	Volume (in^3)
4 x 4 x 2	RJB442	45300	3.675	4.000	3.450	2.125	2.000	8-32	25.4
4 x 4 x 4	RJB444	45310	3.675	4.000	3.450	4.188	3.750	8-32	47.5
4 x 4 x 6	RJB446	45315	3.675	4.000	3.450	6.225	6.000	8-32	76.1
5 x 5 x 2	RJB552	45320	4.680	5.000	4.485	2.000	1.845	8-32	38.7
6 x 6 x 4	RJB664	45330	6.000	6.375	5.813	4.188	4.000	10-32	139.5
6 x 6 x 6	RJB666	45335	6.000	6.375	5.813	6.188	6.000	10-32	209.3
8 x 8 x 4	RJB884	45340	8.075	8.625	7.996	4.230	4.005	.-20	258.6
8 x 8 x 7	RJB887	45350	8.100	8.625	7.996	7.250	7.035	.-20	455.6
12 x 12 x 4	RJB12124	45280	12.085	12.580	11.874	4.256	4.030	.-20	578.3
12 x 12 x 6	RJB12126	45290	12.085	12.580	11.874	6.240	6.025	.-20	864.6
12 x 12 x 8	RJB12128	45295	12.085	12.580	11.874	8.250	8.025	.-20	1151.6

JUNCTION BOXES WITH GASKET

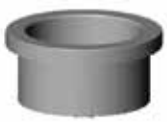






Nominal Size (in.)	Product Number	UPC Number	Box Inside Length & Width (B) (in.)	Box Inside Depth (H) (in.)	Lid Length & Width (L) (in.)	Thickness of Lid (T) (in.)	Volume (in^3)
6 x 6 x 4	H664	47040	6.0	4.25	9.0	0.60	139.5
6 x 6 x 6	H666	47041	6.0	6.25	9.0	0.60	209.3
8 x 8 x 4	H884	47042	8.0	4.25	11.5	0.75	258.6
8 x 8 x 6	H886	47043	8.0	6.25	11.5	0.75	400.0
8 x 8 x 7	H887	47044	8.0	7.25	11.5	0.75	455.6
8 x 8 x 7	H887-A	47045	8.0	7.25	11.5	0.75	418.4

JUNCTION BOX ADAPTERS



Size (in.)	Product No.	UPC No.
½	RJBA10	45360
¾	RJBA15	45370
1	RJBA20	45380
1¼	RJBA25	45390
1½	RJBA30	45400
2	RJBA35	45410
2½	RJBA40	45420
3	RJBA45	45430
3½	RJBA50	45435
4	RJBA55	45440

DUPLEX FLOOR BOXES & COVER

(*INCLUDES LEVELING RING)

Size (in.)	Product No.	UPC No.
4 x ¾	RFDB4	46980
2 x ¾, 2 x 1	RFDB2	46982
Polycarbonate Bronze Cover	RFDBC	46984

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