ROYAL RIGID PVC CONDUIT

Pipe and Fittings

Royal Pipe Systems™

Great Ideas Taking Shape.

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PRODUCT DESCRIPTION & APPLICATIONS

Royal Pipe Systems™ manufactures a complete line of rigid PVC conduit and fittings. Our non-metallic conduit and fittings are certified by the Canadian Standards Association (CSA) for use in above and below ground applications. Royal Rigid PVC conduit is available in ½ - 6" (12 - 150mm) diameters and 10 or 20' (3 or 6m) lengths.

Royal Rigid PVC conduit systems are used in exposed, encased in concrete, concealed in walls and direct burial applications. Our conduit and fittings are used in many applications, including:

- Utilities
- Cable, data and communication lines
- Institutional, commercial, industrial buildings
- Residential applications, including service entrances
- Street and highway underground feeds
- Transportation Systems - subways, bridges, tunnels, airports
- Water and wastewater treatment plants
- Marinas
- Mines and Mills

STANDARDS

FOR PIPE

Certified to
CSA C22.2 No. 211.0
CSA C22.2 No. 211.2

UL 651
Maximum 90°C wire rating

Conforms to
NEMA TC2

FOR FITTINGS

Certified to
CSA C22.2
No. 18, 40, 85, 94

UL 514C
UL 514D
UL 50
UL 651

CODES

Canadian Electrical Code (CEC)
Part I, Rules 12-1100 to 12-1122

National Electrical Code (NEC)

This comprehensive manual was created with engineers, contractors, electricians and utilities in mind. It includes applications, benefits, design and installation guidelines for our high quality rigid PVC conduit and fittings. There is a complete section devoted to our fittings that includes dimensions, product codes and drawings for each fitting we offer. We hope that you find this manual useful in designing your next conduit system.

Labour Savings
Royal rigid PVC conduit is easy to install, easy to cut and join and no special tools are required.

Smooth Interior
The inside of our conduit is smooth, therefore wire is not damaged when pulled through.

Easy Wire Pulls
The smooth interior surface of our conduit reduces friction when pulling conductors and wires through long runs. It is easy to pull wire and conductors, even through 90° bends. To make the job of pulling wires easier a large pull-rope and wire-pulling lubricant should be used.

Light Weight Material
Royal Rigid PVC conduit is approximately 1/5th the weight of steel and half the weight of aluminum, therefore making it easy to move and handle.

Approximate Weight Comparison

Size	PVC	Aluminum	Steel
in (mm)	lb/100ft (kg/m)	lb/100ft (kg/m)	lb/100ft (kg/m)
1/2 (12)	16.1 (0.24)	27 (0.40)	79 (1.20)
3/4 (19)	21.5 (0.32)	37 (0.55)	105 (1.55)
1 (25)	31.9 (0.47)	53 (0.80)	153 (2.30)
1 1/4 (32)	43.8 (0.65)	70 (1.05)	201 (3.00)
1 1/2 (38)	52.3 (0.78)	86 (1.30)	249 (3.70)
2 (50)	70.3 (1.05)	116 (1.75)	334 (5.00)
2 1/2 (63)	112.0 (1.61)	183 (2.75)	527 (7.85)
3 (75)	146.7 (2.18)	239 (3.55)	690 (10.25)
3 1/2 (89)	176.4 (2.63)	288 (4.30)	831 (12.40)
4 (100)	208.9 (3.11)	340 (5.10)	982 (14.60)
5 (125)	283.4 (4.22)	465 (6.90)	1,344 (20.40)
6 (150)	368.0 (5.48)	613 (9.10)	1,771 (26.35)

Direct Burial
Royal Rigid PVC conduit can be used for direct burial, requiring no additional protection when installed according to the Canadian Electrical Code (CEC) and the National Electrical Code (NEC). Normal construction practices should be followed with the trenching and backfilling operations.

Resistant to Chemical Attack
Royal Rigid PVC conduit resists attack by acids, alkalis, salt solutions and most other chemicals. Refer to the Royal Chemical Resistance Guide for detailed information.

Quality Control & Assurance
Our conduit and fittings undergo extensive testing and inspection in our manufacturing facilities. Our conduit products are third-party certified to CSA and UL Standards.

High Tensile and Impact Strengths
Royal Rigid PVC conduit has high tensile and impact strengths at all temperatures. It meets the test requirements of the CSA and UL Standards.

Impact Test Data

Nominal Size	CSA Test @ -29?F (-34?C)	UL Test @ 72?F (23?C)
in (mm)	ft-lbs (J)	ft-lbs (J)
1/2 (12)	8.9 (12)	50 (68)
3/4 (19)	8.9 (12)	80 (109)
1 (25)	8.9 (12)	100 (136)
1 1/4 (32)	8.9 (12)	120 (163)
1 1/2 (38)	8.9 (12)	150 (204)
2 (50)	8.9 (12)	190 (258)
2 1/2 (63)	8.9 (12)	210 (285)
3 - 6 (75 - 150)	8.9 (12)	220 (298)

Long Life
Royal Rigid PVC conduit is resistant to direct sunlight, heat and all weather conditions, even after years of exposure. It is also resistant to macro and micro-organisms, fungi, rodents and corrosive agents.

Concrete Tight
Our conduit and fittings are concrete tight, when properly installed.

There are many benefits for using Royal Rigid PVC conduit and fittings. It reduces maintenance and labour costs, and offers superior performance.

Our conduit and fittings are non-metallic therefore there is no risk of corrosion when exposed to naturally corrosive soil conditions. They will not rust or corrode from electrochemical and galvanic environments.

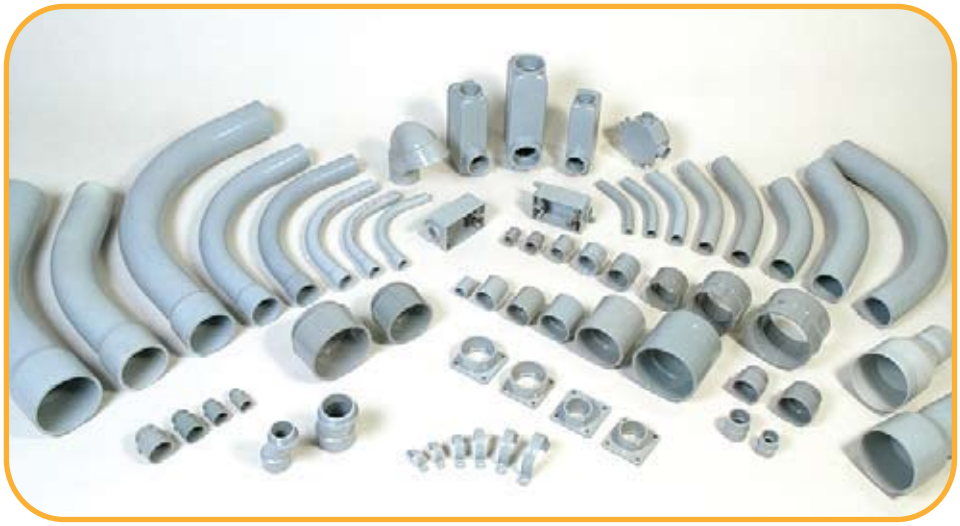
Non-Conductive
Royal Rigid PVC conduit is non-sparking and non-conducting. It eliminates the second point of contact and phase to ground faults. For a complete positive ground for the whole system, use a separate grounding conductor.

FT-4 Rating
Royal Rigid PVC conduit has an FT-4 Rating, therefore it can be used in non-combustible construction as per the National Building Code of Canada (NBC) Section 3.1.5.20.

Fire Resistant
The PVC compound used to manufacture our rigid PVC conduit and fittings is a self-extinguishing material that does not support combustion. It does not burn without a flame being directly applied to it. Once the flame is removed the material stops burning.

Fittings
We offer a complete line of fittings to be used with our conduit. A complete section detailing each of our fittings is included in this manual.

Nominal Size in (mm)	Flame Spread	Smoke Development
1.3mm - 20mm	20	460 - 520



Cutting
To cut Royal Rigid PVC Conduit, no special tools are required. Rigid PVC Conduit can be easily cut using a hacksaw, a fine-toothed hand saw or PVC conduit cutters. For conduit that has a diameter larger than 2" (50mm), it is recommended to use a mitre box or saw guide to ensure a square cut. Deburr the cut end using a knife or file.

Bending
Sometimes it is required to bend the conduit on-site during installation. To make a bend, heat a section of conduit that is ten times the diameter in length. For example, if bending a 50mm (2") diameter conduit, heat a section of conduit 500mm (20") long. Use only a flameless heat source, like a heat gun. Do not use an open flame to heat the conduit.

Heat the conduit evenly to approximately 260°F (127°C). If the conduit is not heated to the appropriate temperature the conduit may collapse or kink when bent. Once the conduit is heated, bend to desired degree, then bend a few extra degrees to allow for "spring back". After bending, immediately cool conduit with water or cold air.

According to the Canadian Electrical Code (CEC), the minimum bending radius of conduit is six times the inside diameter of the conduit. Except if lead-sheathed cable is used, then the minimum radius shall be increased to 10 times the internal diameter. All bends shall not distort the raceway or damage the inner or outer surfaces of the conduit.

Royal Pipe Systems™ offers a complete line of pre-fabricated bends. Installation of rigid PVC conduit is quick and easy, so you can get the job done, on time and within budget.

Residential application of Rigid PVC Conduit

Joining - Solvent Cementing
Lengths of rigid PVC conduit and fittings are connected by solvent cement joints. These joints are strong, permanent and leakproof.

Procedure:
1. Deburr the spigot end of the conduit.
2. Clean the outside of the spigot and the inside of the socket of all dirt and moisture.
3. Before applying the cement, push the spigot into the socket to ensure they fit together properly.
4. Apply solvent cement to the outside of the spigot and the inside of the socket.
5. Push the spigot into the socket until it bottoms, turn a one-quarter turn to ensure that the solvent is spread around the entire joint.
6. Hold together for a few seconds until joint is created.

Solvent cemented joints appear to be made immediately, however it can take up to 24 hours for the joint to completely cure.

When installing conduit in cold weather, a primer should be applied before the solvent cement. Also, keep the primer and solvent cement warm to prevent it from thickening and becoming hard to use.

Solvent cement and primer have shelf life of 24 months if stored unopened at 72°F (22°C). Check the bottom of the can for the date of manufacture before using.

Solvent Cement
All connections should be made using Royal Pipe Systems solvent cement.

Average Number of Joints Per Can

Pipe Size in (mm)	1/2 Pint (250ml)	Pint (500ml)	Quart (1/L)	Gallon (4/L)
1/2 (12)	140	275	550	2,200
3/4 (19)	90	180	360	1,440
1 (25)	70	140	280	1,120
1 1/4 (32)	50	100	200	800
1 1/2 (38)	37	75	150	600
2 (50)	20	40	80	320
2 1/2 (63)	17	35	70	280
3 (75)	15	30	60	240
3 1/2 (89)	13	27	54	216
4 (100)	12	25	50	200
5 (125)	9	19	38	150
6 (150)	6	12	24	95

Support Straps
Rigid PVC conduit needs to be supported with straps when installed in above ground applications. The supporting straps should be installed snugly but allow linear movement of the conduit. The table below shows the recommended maximum spacing of the support straps.

Max. Recommended Spacing of Suppot Straps

Nominal Size in (mm)	CEC Recommended Spacing ft (m)	NEC Recommended Spacing ft (m)
1/2 (12)	2 1/2 (0.75)	3 (0.91)
3/4 (19)	2 1/2 (0.75)	3 (0.91)
1 (25)	2 1/2 (0.75)	3 (0.91)
1 1/4 (32)	4 (1.20)	5 (1.50)
1 1/2 (38)	4 (1.20)	5 (1.50)
2 (50)	5 (1.50)	5 (1.50)
2 1/2 (63)	6 (1.80)	6 (1.80)
3 (75)	6 (1.80)	6 (1.80)
3 1/2 (89)	7 (2.10)	7 (2.10)
4 (100)	7 (2.10)	7 (2.10)
5 (125)	7 (2.10)	7 (2.10)
6 (150)	8 (2.50)	8 (2.50)

Storage of Materials
Conduit and fittings should be stored at the same temperature, otherwise they may become incompatible due to different expansion and contraction rates.

Connecting to non-PVC Materials
According to the Canadian Electrical Code (CEC), when rigid PVC conduit is joined directly to metal conduit, a PVC female threaded adapter must be used.

Maximum Operating Temperature
According to the Canadian Electrical Code (CEC), rigid PVC conduit is intended for use at a continuous operating temperature of 167°F (75°C). However, when installing conduit according to the National Electrical Code (NEC), it can be used with up to 90°C wiring. Royal rigid PVC conduit is rated for use with 90°C wiring.

Maximum Ambient Temperature
Royal rigid PVC conduit and fittings can be installed in locations with an ambient temperature not exceeding 122°F (50°C).

Expansion Joints
If the expected temperature variance exceeds 25°F (14°C), expansion joints need to be installed along each run of conduit. See page 5 for more details on designing and installing expansion joints.

Design Guidelines

The following design guidelines will help to determine the amount of expected expansion, the number of expansion joints required and where to set the piston opening on the expansion joint. The coefficient of linear expansion for PVC conduit is Unibell $3.0x10^{-5}$ in/in/°F ($5.4x10^{-5}$ mm/mm/°C).

Expected Expansion

To determine the expected expansion:

total expected expansion (") = total expected temp. variance (°F) x length of run (') x coefficient of linear expansion of PVC (in/ft/°F = 4.056x10?)

total expected expansion (mm) = total expected temp. variance (°C) x length of run (m) x coefficient of linear expansion of PVC (mm/m/°C = 0.0608)

If the conduit is being installed outside, add 30°F (17°C) to the total expected temperature variance to allow for radiant heating of the conduit.

As a guideline, for every 10°F (5.6°C) of expected temperature variance, the conduit with expand or contract 0.4" (10.3mm) for 100ft (30.48m) of conduit.

Required Number of Expansion Joints

If the total expected expansion exceeds ½" (13mm), calculate the required number of expansion joints, rounding up to the nearest whole number:

expansion joints required = total expected expansion (") / expansion allowance of expansion joint (")

expansion joints required = total expected expansion (mm) / expansion allowance of expansion joint (mm)

Setting the Piston Opening

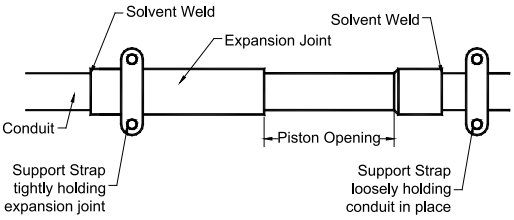
Expansion joints need to allow for both expansion and contraction of the conduit. The piston of the expansion joint needs to be set at the correct position to allow for linear movement. To determine the correct position for the piston, calculate:

$$\text{Piston setting (")} = \frac{\text{(max. temp. (°F) - install temp. (°F))}}{\text{total temp. change (°F)}} \times \text{exp. allowance of exp. joint (")}$$

$$\text{Piston setting (mm)} = \frac{\text{(max. temp. (°C) - install temp. (°C))}}{\text{total temp. change (°F)}} \times \text{exp. allowance of exp. joint (mm)}$$

Installation Guidelines

- Securely fasten the expansion joint so that the expansion joint does not shift. Loosely connect the conduit, so that it is free to move, therefore using the expansion joint.
- For expansion joints to function properly they should be installed near a fixed point.
- It is better to use more expansion joints, than not enough. It is difficult to correct any problems 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, have the barrel running down with the piston at the bottom, this prevents dirt and water from getting inside the joint and causing it to malfunction.



Location of Expansion Joints along a run of conduit

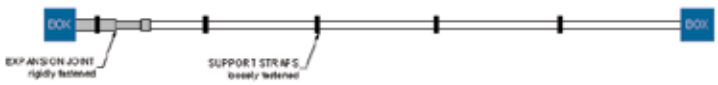
If one expansion joint is required:
Securely fasten the barrel of the expansion joint close to one of the boxes. Support the conduit with straps, but allow free movement of the conduit for expansion and contraction. See Drawing 1.

If two expansion joints are required:
Option 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 movement of the conduit. See Drawing 2.
Option 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 movement 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. See Drawing 4.

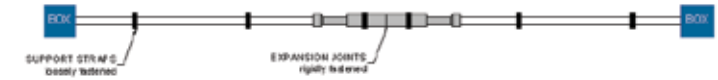
** For information on Maximum Recommended Spacing of Support Straps, see page 4.

Drawing 1.



Drawing 2.

Drawing 3.



Drawing 4.

Royal rigid PVC conduit expands and contracts due to variations in temperature when installed in above ground applications. Expansion joints are required along runs of rigid PVC conduit where the temperature variation is more than 25°F (14°C).

DIMENSIONS

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

SPECIFICATION

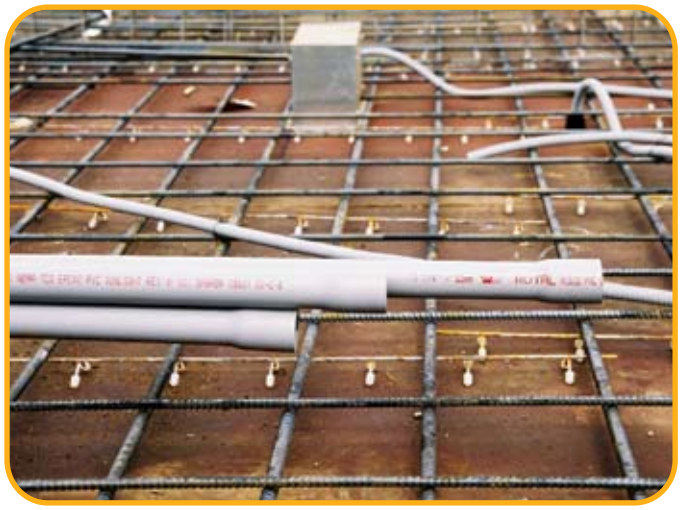
All wiring shall be installed in Royal rigid PVC conduit and secured by means of proper fittings. All conduit and fittings shall be manufactured by Royal Pipe Systems. All outlets, pull boxes and junction points shall be fitted with Royal outlet boxes, fittings and junction boxes.

Exposed conduit shall be securely attached and supported by means of straps. The straps shall be installed at the recommended spacing as 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 25°F (14°C), expansion joints shall be installed according to the manufacturer's recommendations.

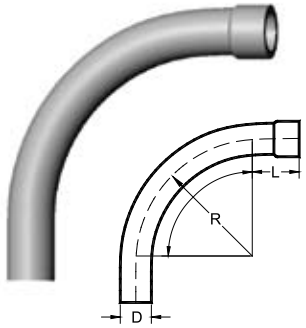
If Royal rigid PVC conduit is embedded in concrete or direct buried, support straps are not required.

Royal Rigid PVC Conduit - Residential

Royal Rigid PVC Conduit - Commercial

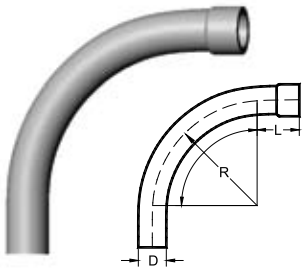


90? ELBOWS - BELL END



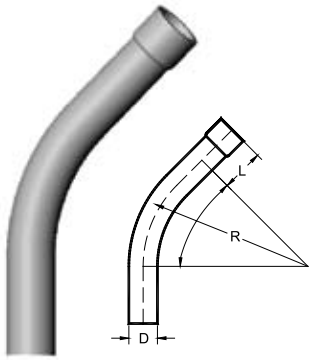
Size (in)	Product Number	UPC Number	Diameter (D) (in)	Length (L) (in)	Radius (R) (in)
1/2	REE1090	46120	0.840	1.500	4.00
3/4	REE1590	46150	1.050	1.500	4.50
1	REE2090	46180	1.315	1.875	5.75
1 1/4	REE2590	46210	1.660	2.000	7.25
1 1/2	REE3090	46240	1.900	2.000	8.25
2	REE3590	46270	2.375	2.000	9.50
2 1/2	REE4090	46330	2.875	3.000	10.50
3	REE4590	46360	3.500	3.125	13.00
3 1/2	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

UTILITIES 90? ELBOWS - BELL END



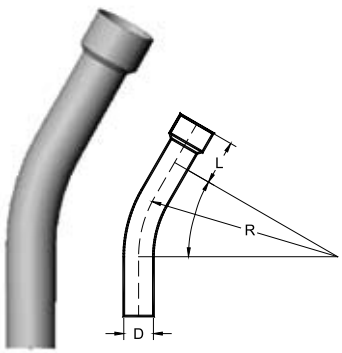
Size (in)	Product Number	UPC Number	Diameter (D) (in)	Length (L) (in)	Radius (R) (in)
2	REE2-24	46501	2.375	41.20	24.00
2	REE2-36	46502	2.375	31.70	36.00
3	REE3-24	46503	3.500	41.20	24.00
3	REE3-36	46504	3.500	31.70	36.00
4	REE4-36	46465	4.500	31.70	36.00
4	REE4-48	46505	4.500	31.70	48.00
5	REE5-36	46506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

45? ELBOWS - BELL END



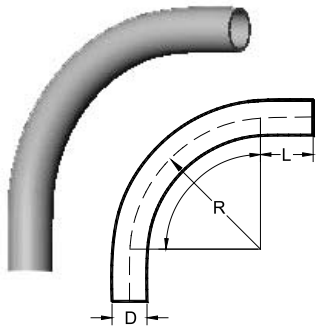
Size (in)	Product Number	UPC Number	Diameter (D) (in)	Length (L) (in)	Radius (R) (in)
1/2	REE1045	46110	0.840	1.500	4.00
3/4	REE1545	46140	1.050	1.500	4.50
1	REE2045	46170	1.315	1.875	5.75
1 1/4	REE2545	46200	1.660	2.000	7.25
1 1/2	REE3045	46230	1.900	2.000	8.25
2	REE3545	46280	2.375	2.000	9.50
2 1/2	REE4045	46320	2.875	3.000	10.50
3	REE4545	46350	3.500	3.125	13.00
3 1/2	REE5045	46380	4.000	3.250	15.00
4	REE5545	46410	4.500	3.375	16.00
5	REE6045	46430	5.565	3.625	24.00
6	REE6545	46450	6.625	3.750	30.00

30? ELBOWS - BELL END



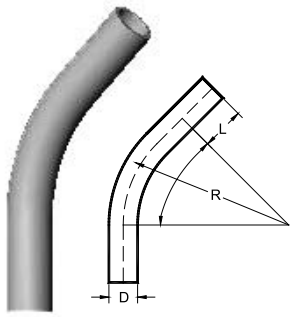
Size (in)	Product Number	UPC Number	Diameter (D) (in)	Length (L) (in)	Radius (R) (in)
1/2	REE1030	46100	0.840	1.500	4.00
3/4	REE1530	46130	1.050	1.500	4.50
1	REE2030	46160	1.315	1.875	5.75
1 1/4	REE2530	46190	1.660	2.000	7.25
1 1/2	REE3030	46220	1.900	2.000	8.25
2	REE3530	46274	2.375	2.000	9.50
2 1/2	REE4030	46310	2.875	3.000	10.50
3	REE4530	46340	3.500	3.125	13.00
3 1/2	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

90? ELBOWS - Plain End



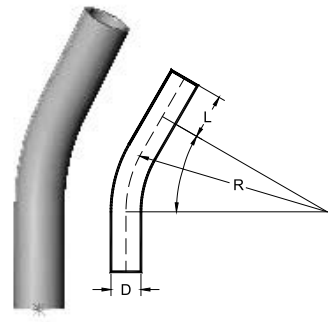
Size (in)	Product Number	UPC Number	Diameter (D) (in)	Length (L) (in)	Radius (R) (in)
1/2	REE1090PE	46120	0.840	1.500	4.00
3/4	REE1590PE	46150	1.050	1.500	4.50
1	REE2090PE	46180	1.315	1.875	5.75
1 1/4	REE2590PE	46210	1.660	2.000	7.25
1 1/2	REE3090PE	46240	1.900	2.000	8.25
2	REE3590PE	46270	2.375	2.000	9.50
2 1/2	REE4090PE	46330	2.875	3.000	10.50
3	REE4590PE	46360	3.500	3.125	13.00
3 1/2	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



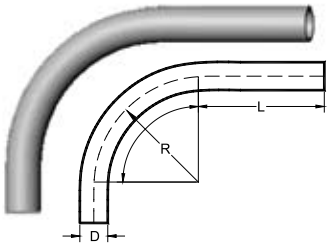
Size (in)	Product Number	UPC Number	Diameter (D) (in)	Length (L) (in)	Radius (R) (in)
1/2	REE1045PE	46110	0.840	1.500	4.00
3/4	REE1545PE	46140	1.050	1.500	4.50
1	REE2045PE	46170	1.315	1.875	5.75
1 1/4	REE2545PE	46200	1.660	2.000	7.25
1 1/2	REE3045PE	46230	1.900	2.000	8.25
2	REE3545PE	46280	2.375	2.000	9.50
2 1/2	REE4045PE	46320	2.875	3.000	10.50
3	REE4545PE	46350	3.500	3.125	13.00
3 1/2	REE5045PE	46380	4.000	3.250	15.00
4	REE5545PE	46410	4.500	3.375	16.00
5	REE6045PE	46430	5.565	3.622	24.00
6	REE6545PE	46450	6.625	3.740	30.00

30? ELBOWS - Plain End



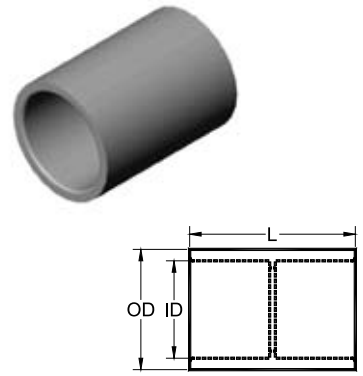
Size (in)	Product Number	UPC Number	Diameter (D) (in)	Length (L) (in)	Radius (R) (in)
1/2	REE1030PE	46100	0.840	1.500	4.00
3/4	REE1530PE	46130	1.050	1.500	4.50
1	REE2030PE	46160	1.315	1.875	5.75
1 1/4	REE2530PE	46190	1.660	2.000	7.25
1 1/2	REE3030PE	46220	1.900	2.000	8.25
2	REE3530PE	46274	2.375	2.000	9.50
2 1/2	REE4030PE	46310	2.875	3.000	10.50
3	REE4530PE	46340	3.500	3.125	13.00
3 1/2	REE5030PE	46375	4.000	3.250	15.00
4	REE5530PE	46400	4.500	3.375	16.00
5	REE6030PE	46425	5.565	3.622	24.00
6	REE6530PE	46442	6.625	3.740	30.00

90? ELBOWS - Extended Plain End



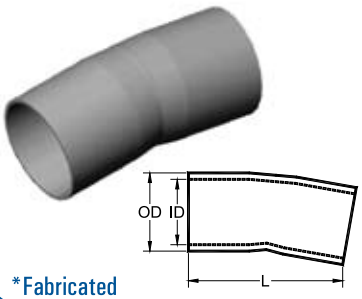
Size (in)	Product Number	UPC Number	Diameter (D) (in)	Length (L) (in)	Radius (R) (in)
1 1/4	REE2590E	46215	1.660	14.750	7.25
1 1/2	REE3090E	462600	1.900	14.750	8.25
2	REE3590E	46290	2.375	14.750	9.50

COUPLINGS



Size (in)	Product Number	UPC Number	Outside Diameter (OD) (in)	Inside Diameter (ID) (in)	Length (L) (in)
1/2	REC10	45950	1.080	0.840	1.437
3/4	REC15	45960	1.300	1.050	1.703
1	REC20	45970	1.590	1.315	2.031
1 1/4	REC25	45980	2.000	1.660	2.156
1 1/2	REC30	45990	2.230	1.900	2.281
2	REC35	46000	2.720	2.375	2.406
2 1/2	REC40	46010	3.320	2.875	3.187
3	REC45	46020	4.000	3.500	3.437
3 1/2	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

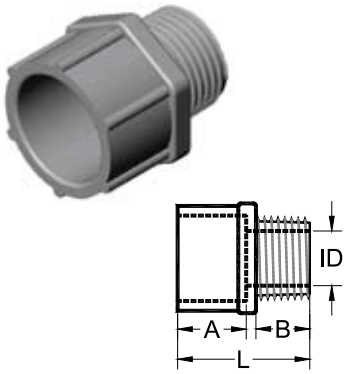
5? COUPLINGS



*Fabricated

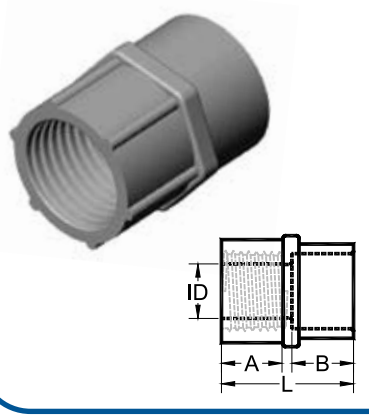
Size (in)	Product Number	UPC Number	Outside Diameter (OD) (in)	Inside Diameter (ID) (in)	Length (L) (in)
2	R5EC35	46800	2.375	2.049	4.0
2 1/2	R5EC40	46805	2.875	2.445	5.5
3 1/2	R5EC45	46810	3.500	3.042	6.0
3	R5EC50	46815	4.000	3.521	7.0
4	R5EC55	46820	4.500	3.998	7.0
5	R5EC60	46825	5.565	5.018	7.5
6	R5EC65	46830	6.625	6.031	11.0

TERMINAL ADAPTERS (1/2" - 1 1/4" TAPERED THREAD, 6" NON-TAPERED THREAD)



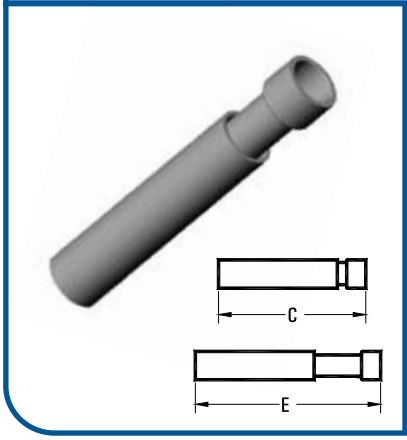
Size (in)	Product Number	UPC Number	A (in)	B (in)	Inside Diameter (ID) (in)	Length (L) (in)
1/2	RTA10	45730	0.750	0.700	0.591	1.550
3/4	RTA15	45740	1.000	0.675	0.790	1.750
1	RTA20	45750	1.115	0.625	1.000	1.860
1 1/4	RTA25	45760	1.300	0.640	1.311	2.125
1 1/2	RTA30	45770	1.425	0.725	1.530	2.250
2	RTA35	45780	1.150	0.800	1.970	2.100
2 1/2	RTA40	45790	1.900	0.800	2.346	2.930
3	RTA45	45800	2.000	0.815	2.915	3.055
3 1/2	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)



Size (in)	Product Number	UPC Number	A (in)	B (in)	Inside Diameter (ID) (in)	Radius (R) (in)
1/2	RFA10	44990	0.800	0.825	0.620	1.725
3/4	RFA15	45000	0.800	1.000	0.820	1.900
1	RFA20	45010	1.000	1.200	1.065	2.300
1 1/4	RFA25	45020	1.015	1.300	1.395	2.425
1 1/2	RFA30	45030	1.050	1.290	1.575	2.440
2	RFA35	45040	1.075	1.375	2.050	2.550
2 1/2	RFA40	45050	1.675	1.985	2.470	3.760
3	RFA45	45060	1.630	2.150	3.090	4.100
3 1/2	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

EXPANSION JOINTS



Size (in)	Product Number	UPC Number	Expanded (E) (in)	Contracted (C) (in)	Travel (in)
1/2	REJ10	44870	12.00	8.00	4.00
3/4	REJ15	44880	12.00	8.00	4.00
1	REJ20	44890	12.50	8.50	4.00
1 1/4	REJ25	44900	13.00	9.00	4.00
1 1/2	REJ30	44910	13.00	9.00	4.00
2	REJ35	44920	13.25	9.25	4.00
2 1/2	REJ40	44930	13.25	9.25	4.00
3	REJ45	44940	22.25	14.25	8.00
3 1/2	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

PIPE STRAPS

PVC - 2 HOLE

Size (in)	Product No.	UPC No.
1/2	RPS10	45540
3/4	RPS15	45550
1	RPS20	45560
1 1/4	RPS25	45570
1 1/2	RPS30	45580
2	RPS35	45590

PVC COATED STEEL - 2 HOLE

Size (in)	Product No.	UPC No.
2	RCS35	44783
2 1/2	RCS40	44784
3	RCS45	44785
3 1/2	RCS50	44786
4	RCS55	44787
5	RCS60	44788
6	RCS65	44789

PVC COATED STEEL - 1 HOLE

Size (in)	Product No.	UPC No.
1/2	RCS10-1	46850
3/4	RCS15-1	46852
1	RCS20-1	46854
1 1/4	RCS25-1	46856
1 1/2	RCS30-1	46858
2	RCS35-1	46860
2 1/2	RCS40-1	46862
3	RCS10-1	46864
4	RCS10-1	46866

METER OFFSETS

Size (in)	Product No.	UPC No.
1 1/4	RMO25	45500
2	RMO35	45510

METER HUBS

Size (in)	Product No.	UPC No.
1 1/4	RMHU25	45480
1 1/2	RMHU30	45485
2	RMHU35	45490

LONG METER OFFSETS

*Fabricated

Size (in)	Product No.	UPC No.
1 1/4	RLMO25	45472
1 1/2	RLMO30	45474
2	RLMO35	45476

SERVICE ENTRANCE FITTINGS

Size (in)	Product No.	UPC No.
1/2	REF10	44795
3/4	REF15	44800
1	REF20	44810
1 1/4	REF25	44820
1 1/2	REF30	44830
2	REF35	44840
2 1/2	REF40	44842
3	REF45	44844
3 1/2	REF50	44852
4	REF55	44860

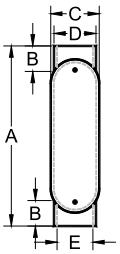
EXPANSION & DEFLECTION FITTING ASSEMBLY

Size (in)	Product Number	UPC Number
2	RSEJ35	46990
3	RSEJ45	46992
4	RSEJ55	46994

PVC CEMENT (*C/W Screw Cap & Dauber)

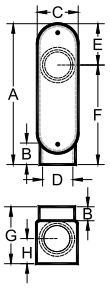
Product Number	UPC Number	Size	Carton Quantity
RCC250	54540	*250ml	24
RCC500	54560	*500ml	12
RCC1LTR	54520	*1 Litre	12
RCC4LTR	54550	4 Litre	4

TYPE C



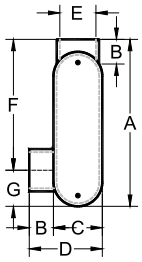
Size (in)	Product Number	UPC Number	A (in)	B (in)	C (in)	D (in)	E (in)
1/2	RSC10S	46600	5.606	0.639	1.268	1.100	0.840
3/4	RSC20S	46605	5.606	0.810	1.536	1.325	1.050
1	RSC30S	46610	6.500	0.910	1.700	1.600	1.335
1 1/4	RSC40S	46615	7.900	1.050	2.300	2.250	1.100
1 1/2	RSC50S	46620	8.500	1.125	2.675	2.250	1.900
2	RSC60S	45605	10.875	1.160	3.188	2.820	2.375
2 1/2	RSC70S	45606	14.600	1.750	4.500	3.950	2.870
3	RSC80S	45607	14.600	1.900	4.500	3.950	3.510
3 1/2	RSC90S	45608	17.040	2.125	5.536	5.000	4.000
4	RSC100S	45609	17.040	2.125	5.536	5.000	4.530

TYPE LB



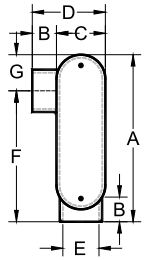
Size (in)	Product Number	UPC Number	A (in)	B (in)	C (in)	D (in)	E (in)	F (in)	G (in)	H (in)
1/2	RSLB10S	45620	4.337	0.639	1.268	0.840	1.297	4.095	2.487	1.005
3/4	RSLB20S	45630	5.395	0.810	1.536	1.050	1.297	4.095	2.487	1.005
1	RSLB30S	45640	6.250	0.910	1.700	1.335	1.500	4.750	2.075	1.125
1 1/4	RSLB40S	45650	7.625	1.050	2.300	1.100	1.750	5.750	3.575	1.562
1 1/2	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
2 1/2	RSLB70S	45675	13.630	1.750	4.500	2.870	3.805	9.825	6.240	2.610
3	RSLB80S	45680	13.630	1.900	4.500	3.510	2.733	10.897	6.240	2.610
3 1/2	RSLB90S	45681	16.000	2.125	5.536	4.000	4.535	11.465	7.500	2.975
4	RSLB100S	45610	16.000	2.125	5.536	4.530	4.535	11.465	7.500	2.975

TYPE LL



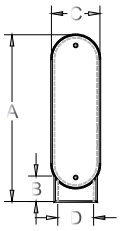
Size (in)	Product Number	UPC Number	A (in)	B (in)	C (in)	D (in)	E (in)	F (in)	G (in)
1/2	RSLL10S	46650	4.337	0.639	1.268	2.487	0.840	4.095	1.297
3/4	RSLL20S	46655	5.395	0.810	1.536	2.487	1.050	4.095	1.297
1	RSLL30S	46660	6.250	0.910	1.700	2.075	1.335	4.750	1.500
1 1/4	RSLL40S	46665	7.625	1.050	2.300	3.575	1.100	5.750	1.750
1 1/2	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
2 1/2	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
3 1/2	RSLL90S	46676	16.000	2.125	5.536	7.500	4.000	11.465	4.535
4	RSLL100S	46678	16.000	2.125	5.536	7.500	4.530	11.465	4.535

TYPE LR



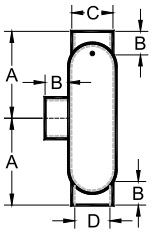
Size (in)	Product Number	UPC Number	A (in)	B (in)	C (in)	D (in)	E (in)	F (in)	G (in)
1/2	RSLR10S	46700	4.337	0.639	1.268	2.487	0.840	4.095	1.297
3/4	RSLR20S	46705	5.395	0.810	1.536	2.487	1.050	4.095	1.297
1	RSLR30S	46710	6.250	0.910	1.700	2.075	1.335	4.750	1.500
1 1/4	RSLR40S	46715	7.625	1.050	2.300	3.575	1.100	5.750	1.750
1 1/2	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
2 1/2	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
3 1/2	RSLR90S	46735	16.000	2.125	5.536	7.500	4.000	11.465	4.535
4	RSLR100S	46738	16.000	2.125	5.536	7.500	4.530	11.465	4.535

TYPE E



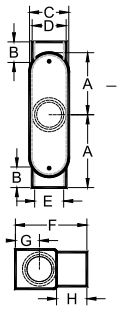
Size (in)	Product Number	UPC Number	A (in)	B (in)	C (in)	D (in)
1/2	RSE10S	46630	4.337	0.639	1.268	0.840
3/4	RSE20S	46632	5.395	0.810	1.536	1.050
1	RSE30S	46634	6.250	0.910	1.700	1.335
1 1/4	RSE40S	46636	7.625	1.050	2.300	1.100
1 1/2	RSE50S	46638	8.250	1.125	2.675	1.900
2	RSE60S	46640	10.351	1.160	3.188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

TYPE T



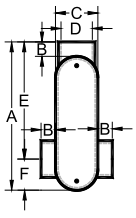
Size (in)	Product Number	UPC Number	A (in)	B (in)	C (in)	D (in)
1/2	RST10S	45690	2.280	0.639	1.100	0.840
3/4	RST20S	45700	2.803	0.810	1.325	1.050
1	RST30S	45710	3.250	0.910	1.600	1.335
1 1/4	RST40S	45720	3.950	1.050	2.250	1.100
1 1/2	RST50S	45723	4.250	1.125	2.250	1.900
2	RST60S	45725	5.438	1.160	2.820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

TYPE TB



Size (in)	Product Number	UPC Number	A (in)	B (in)	C (in)	D (in)	E (in)	F (in)	G (in)	H (in)
1/2	RSTB10S	45692	2.280	0.639	1.268	1.100	0.840	2.487	1.005	0.750
3/4	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
1 1/4	RSTB40S	45721	3.950	1.050	2.300	2.250	1.100	3.575	1.562	1.300
1 1/2	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
2 1/2	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	-
3 1/2	RSTB90S	46764	8.535	2.125	5.536	5.000	4.000	7.500	2.975	-
4	RSTB100S	46766	8.535	2.125	5.536	5.000	4.530	7.500	2.975	-

TYPE X



Size (in)	Product Number	UPC Number	A (in)	B (in)	C (in)	D (in)	E (in)	F (in)
1/2	RSX10S	47020	4.337	0.639	1.268	0.840	4.095	1.297
3/4	RSX20S	47021	5.395	0.810	1.536	1.050	4.095	1.297
1	RSX30S	47022	6.250	0.910	1.700	1.335	4.750	1.500
1 1/4	RSX40S	47023	7.625	1.050	2.300	1.100	5.750	1.750
1 1/2	RSX50S	47024	8.250	1.125	2.675	1.900	6.500	1.750
2	RSX60S	47025	10.531	1.160	3.188	2.375	8.156	2.344
2 1/2	RSX70S	47026	13.630	1.750	4.500	2.870	9.825	3.805
3	RSX80S	47027	13.630	1.900	4.500	3.510	10.897	2.733
3 1/2	RSX90S	47028	16.000	2.125	5.536	4.000	11.465	4.535
4	RSX100S	47029	16.000	2.125	5.536	4.530	11.465	4.535

STRAIN RELIEF CONNECTOR

Size (in)	Product No.	UPC No.
3/4	RSRC15	45685

PULL ELBOW

Size (in)	Product No.	UPC No.
1/2	RPE10	45535
3/4	RPE15	45538

SOLVENT WELD END CAP

Size (in)	Product No.	UPC No.
1/2	RCAP10	44690
3/4	RCAP15	44700
1	RCAP20	44710
1 1/4	RCAP25	44720
1 1/2	RCAP30	44730
2	RCAP35	44740
2 1/2	RCAP40	44750
3	RCAP45	44760
4	RCAP55	44770
5	RCAP60	44780
6	RCAP65	44782

NEOPRENE O RING

Size (in)	Product No.	UPC No.
1/2	RE943DX	46880
3/4	RE943EX	46882
1	RE943FX	46884
1 1/4	RE943GX	46886
1 1/2	RE943HX	46888
2	RE943JX	46890
2 1/2	RE943KX	46892
3	RE943LX	46894
4	RE943NX	46896

POLY PLUG WITH PULLING EYE

Size (in)	Product No.	UPC No.
2	RPLG2	46960
3	RPLG3	46962
4	RPLG4	46964
5	RPLG5	46966
6	RPLG6	46968

THREADED REDUCER BUSHINGS

Size (in)	Product No.	UPC No.
3/4 X 1/2	R1825	44550
1 X 1/2	R1826	44560
1 X 3/4	R1827	44570

THREADED STRAIN RELIEF CONNECTOR

Comes With 6 Grommets

Size (in)	Product No.	UPC No.
1/2	RTSRC10	45850
3/4	RTSRC15	45855

GROMMETS

BELL ENDS (SPIGOT X FLARE) - MOULDED

Size (in)	Product No.	UPC No.
1/2	RFEB10	46900
3/4	RFEB15	46902
1	RFEB20	46904
1 1/2	RFEB25	46906
1 3/4	RFEB30	46908
2	RFEB35	46910
2 1/2	RFEB40	46912
3	RFEB45	46914
3 1/2	RFEB50	46916
4	RFEB55	46918
5	RFEB60	46920
6	RFEB65	46922

BELL ENDS (HUB X SPIGOT) - MOULDED

Size (in)	Product No.	UPC No.
1/2	REB10	47580
3/4	REB15	47581
1	REB20	46940
1 1/2	REB25	47582
1 3/4	REB30	46942
2	REB35	46944
2 1/2	REB40	47583
3	REB45	46946
3 1/2	REB50	46948
4	REB55	46950
5	REB60	46952
6	REB65	46954

REDUCER BUSHINGS

Size (in)	Product No.	UPC No.
3/4 X 1/2	R1805	44500
1 X 1/2	R1805-1	44501
1 X 3/4	R1806	44502
1 1/4 X 3/4	R1807-1	44505
1 1/4 X 1	R1807	44504
1 1/2 X 1	R1808-1	44507
1 1/2 X 1 1/4	R1808	44506
2 X 1	R1809-1	44511
2 X 1 1/4	R1809	44510
2 X 1 1/2	R1810	44512
2 1/2 X 2	R1811	44516
3 X 2	R1812-1	44530
3 X 2 1/2	R1812	44520
4 X 2	R1813-1	44542
4 X 3	R1813	44540
4 X 3 1/2	R1814	44547

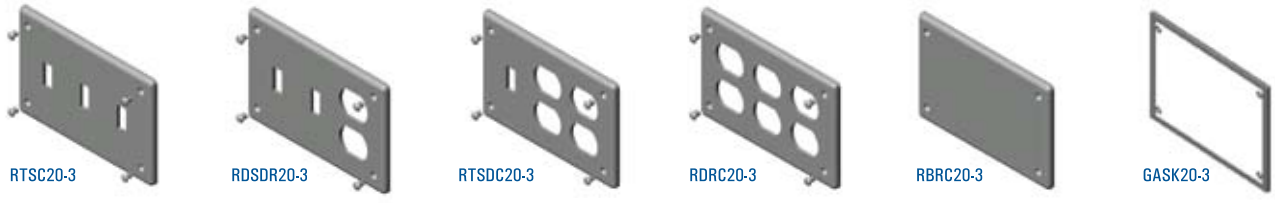
SINGLE GANG COVER PLATES - F SERIES

Description	Product Number	UPC Number
Toggle Switch	RTSC15/10	45845
Duplex Receptacle	RDRC15/10	44685
Single Receptacle - 15 Amp	R20RC15/10	47035
Single Receptacle - 20 Amp	R20-3RC15/10	47036
Single Receptacle - 30 Amp	R30-3RC15/10	47037
Single Blank with Gasket	RBRC15/10	44680
Gasket	GASK15/10	44682

DOUBLE GANG COVER PLATES - F SERIES

Description	Product Number	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



Description	Product Number	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

SINGLE GANG WEATHERPROOF COVER PLATES


RVSC15/10


RVSC15/10


RWTG15/10


RWGF15/10


RWTL


RVSC15/10


GASK W

Description	Product Number	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


RVSC20-2


RVSRC20-2


RVSDR20-2


RVSRR20-2


GASK20-2

Description	Product Number	UPC Number
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

SINGLE GANG BOXES - F SERIES


FS


FSS


FSC


FSCC

Description	Product Number	UPC Number	Volume (in^3)
1/2" FS	RFS10	45200	17.0
3/4" FS	RFS15	45210	17.0
1/2" FSS	RFSS10	45240	17.5
3/4" FSS	RFSS15	45250	17.5
1/2" FSC	RFSC10	45220	16.3
3/4" FSC	RFSC15	45230	16.3
1/2" FSCC	RFSCC10	45233	17.0
3/4" FSCC	RFSCC15	45235	17.0

SINGLE GANG DEEP BOXES - FD SERIES


FDS


FDC


BLANK


347 VOLT

Description	Product Number	UPC Number	Volume (in^3)
Outside Dimensions: Length = 4.5", Width = 6.6", Height = 2.5", except BLANK, L = 4.5", W = 6.6", H = 3.0"			
1/2" FSC	RFSC3-10	45224	56.0
3/4" FSC	RFSC3-15	45232	56.0
1" FSC	RFSC3-20	45228	56.0
1/2" FS	RFS3-10	45208	54.0
3/4" FS	RFS3-15	45218	54.0
1" FS	RFS3-20	45219	54.0
BLANK	RFD-3	45155	73.8

DOUBLE GANG BOXES - F SERIES


FS


FSS


FSC


FSCC

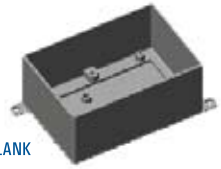

BLANK

Description	Product Number	UPC Number	Volume (in^3)
Outside Dimensions: Length = 4.5", Width = 4.75", Height = 2.5", except BLANK, L=4.75", W=4.75", H=3.0"			
1/2" FS	RFS2-10	45205	39.5
3/4" FS	RFS2-15	45215	39.5
1" FS	RFS2-20	45216	39.5
1/2" FSS	RFSS2-10	45242	37.0
3/4" FSS	RFSS2-15	45244	37.0
1" FSS	RFSS2-20	45246	37.0
1/2" FSC	RFSC2-10	45222	37.0
3/4" FSC	RFSC2-15	45231	37.0
1" FSC	RFSC2-20	45226	37.0
1/2" FSCC	RFSCC2-10	45234	36.0
3/4" 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


FS


BLANK

Description	Product Number	UPC Number	Volume (in^3)
Outside Dimensions: Length = 4.5", Width = 6.6", Height = 2.5", except BLANK, L = 4.5", W = 6.6", H = 3.0"			
1/2" FSC	RFSC3-10	45224	56.0
3/4" FSC	RFSC3-15	45232	56.0
1" FSC	RFSC3-20	45228	56.0
1/2" FS	RFS3-10	45208	54.0
3/4" FS	RFS3-15	45218	54.0
1" FS	RFS3-20	45219	54.0
BLANK	RFD-3	45155	73.8

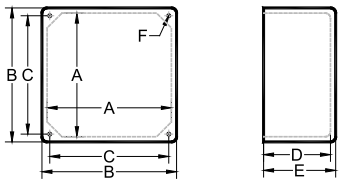
OCTAGONAL BOXES

Size (in)	Product No.	UPC No.
4 X 1 1/2	ROB15/10	45520
4 X 2	ROB20	45525
3/4	RKO15	45450
1	RKO20	45455

OCTAGONAL BOX EXTENSION RINGS

Size (in)	Product No.	UPC No.
1	RXR20	46490
2	RXR35	46495
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	1/4-20	258.6
8 x 8 x 7	RJB887	45350	8.100	8.625	7.996	7.250	7.035	1/4-20	455.6
12 x 12 x 4	RJB12124	45280	12.085	12.580	11.874	4.256	4.030	1/4-20	578.3
12 x 12 x 6	RJB12126	45290	12.085	12.580	11.874	6.240	6.025	1/4-20	864.6
12 x 12 x 8	RJB12128	45295	12.085	12.580	11.874	8.250	8.025	1/4-20	1151.6

JUNCTION BOX ADAPTERS

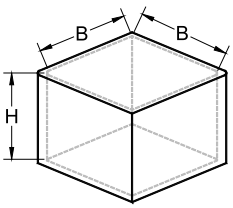
Size (in)	Product No.	UPC No.
1/2	RJBA10	45360
3/4	RJBA15	45370
1	RJBA20	45380
1 1/4	RJBA25	45390
1 1/2	RJBA30	45400
2	RJBA35	45410
2 1/2	RJBA40	45420
3	RJBA45	45430
3 1/2	RJBA50	45435
4	RJBA55	45440

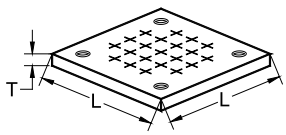
DUPLEX FLOOR BOXES & COVER

*Includes Leveling Ring

Size (in)	Product No.	UPC No.
4 x 3/4	RFDB4	46980
2 x 3/4, 2 x 1	RFDB2	46982
Polycarbonate Bronze Cover	RFDBC	46984

HIGHWAY BOXES





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

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