

Allied PVC Fittings

Product Catalog



- PVC Fitting System
- Installation Guidelines
- Product Information
- Accessories
- Corrosion Resistance Data

PVC Conduit Fittings to meet all your construction needs

This comprehensive manual was created with engineers, contractors, electricians and utilities in mind. It includes applications, design and installation guidelines for our high quality rigid PVC conduit fittings.

Allied Tube & Conduit Rigid PVC Conduit Fittings can be used with all brands of rigid PVC conduit. We have included dimensions, product codes and drawings for each fitting we offer. We hope that you find this manual useful in designing your next conduit system.



Product Description & Applications

Allied Tube & Conduit offers a complete line of rigid PVC conduit and fittings. Our non-metallic fittings are UL listed and certified by the Canadian Standards Association (CSA) for use in above and below ground applications. Rigid PVC conduit systems are used in exposed, encased in concrete, concealed in walls and direct burial applications, including systems for:

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

Standards and Code



UL 514B
UL 514C
UL 514D
UL 50



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

National Electrical Code (NEC)



conforms to
Fittings: NEMA TC3
Boxes: NEMA OS2
Enclosures (Junction Boxes): NEMA 250

Specification

All wiring shall be installed in rigid PVC conduit and secured by means of proper fittings. All fittings shall be offered by Allied Tube & Conduit. All outlets, pull boxes and junction points shall be fitted with Allied 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 the National Electrical Code (NEC). The straps must allow for linear expansion and contraction of the conduit due to temperature change. If the variance in temperature exceeds 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.



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INSTALLATION GUIDELINES

Installation of rigid PVC conduit is quick and easy, so you can get the job done, on time and within budget.

Cutting

To cut rigid PVC conduit, no special tools are required. 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", it is recommended to use a miter box or saw guide to ensure a square cut. Debur 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 2" diameter conduit, heat a section of conduit 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. 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 National Electrical Code (NEC), field bends shall be made so that the conduit is not damaged and the internal diameter is not reduced. Field bends shall be made only with bending equipment identified for the purpose.

Nominal Size (in)	Minimum radius of bends (in)
1/2	4
3/4	5
1	6
1 1/4	8
1 1/2	10
2	12
2 1/2	15
3	18
3 1/2	21
4	24
5	30
6	36

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. Debur 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. Check the bottom of the can for the date of manufacture before using.

Solvent Cement

All connections should be made using solvent cement.

Average number of joints per can

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

Maximum Recommended Spacing of Support Straps

Nominal Size (in)	NEC recommended spacing (ft)
1/2	3
3/4	3
1	3
1 1/4	5
1 1/2	5
2	5
2 1/2	6
3	6
3 1/2	7
4	7
5	7
6	8

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.

Maximum Operating Temperature

When installing conduit according to the National Electrical Code (NEC), it can be used with up to 90°C wiring, if the conduit is listed for that use.

Maximum Ambient Temperature

Rigid PVC conduit and fittings can be installed in locations with an ambient temperature not exceeding 122°F.

Expansion Joints

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

EXPANSION & CONTRACTION

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.

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 4.056×10^{-4} in/ft/°F.

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 = 4.056×10^{-4})

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

As a guideline, for every 10°F of expected temperature variance, the conduit will expand or contract 0.4" for 100 feet of conduit.

Required Number of Expansion Joints

If the total expected expansion exceeds 1/2", calculate the required number of expansion joints, rounding up to the nearest whole number:

$$\frac{\# \text{ of expansion joints required}}{\text{exp. allowance of exp. joint (")}} = \frac{\text{total expected exp. (")}}{\text{exp. allowance of exp. joint (")}}$$

Setting the Piston Opening

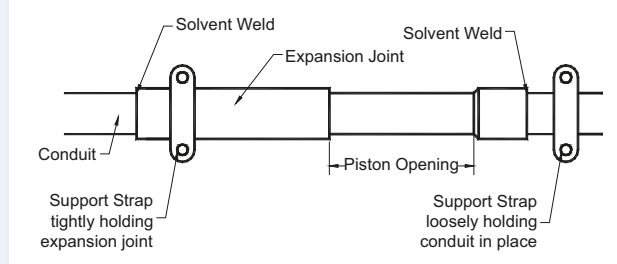
Expansion joints need to allow for both expansion and contraction of the conduit. The piston of the expansion joint needs to be set at the correct position to allow for linear movement. To determine the correct position for the piston, calculate:

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



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

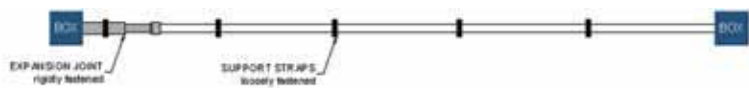
Option 1 - Firmly fasten one expansion joint near each end of the run and firmly fasten the conduit at the center. Support the rest of the conduit with straps allowing movement of the conduit. See Drawing 2.

Option 2 - Firmly fasten the expansion joints back to back at the center 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.

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

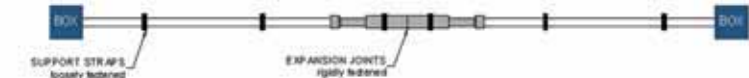
Drawing 1



Drawing 2



Drawing 3

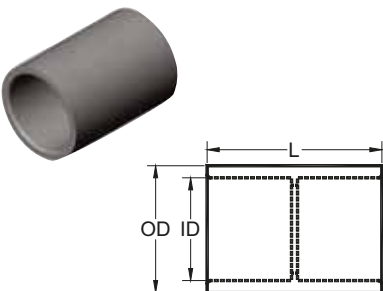


Drawing 4

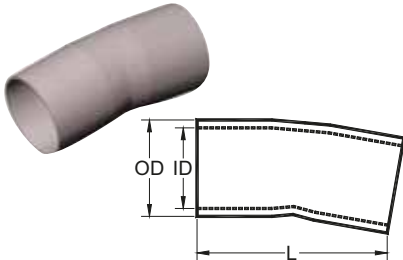


COUPLINGS AND ADAPTERS

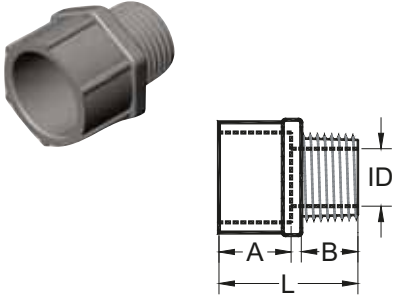
COUPLINGS

	Size (in)	Part Number	Unit Quantity	Outside Diameter (OD) (in)	Inside Diameter (ID) (in)	Length (L) (in)
	1/2	59601	150	1.080	0.840	1.437
	3/4	59602	100	1.300	1.050	1.703
	1	59603	50	1.590	1.315	2.031
	1 1/4	59604	50	2.000	1.660	2.156
	1 1/2	59605	25	2.230	1.900	2.281
	2	59606	40	2.720	2.375	2.406
	2 1/2	59607	20	3.320	2.875	3.187
	3	59608	30	4.000	3.500	3.437
	3 1/2	59609	20	4.500	4.000	3.625
	4	59610	20	5.000	4.500	3.750
	5	59611	10	6.120	5.565	4.187
	6	59612	5	7.370	6.625	4.562

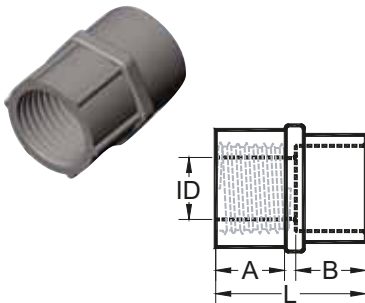
5° COUPLINGS

	Size (in)	Part Number	Unit Quantity	Outside Diameter (OD) (in)	Inside Diameter (ID) (in)	Length (L) (in)
	2	802731	15	2.375	2.049	4.0
	2 1/2	802732	12	2.875	2.445	5.5
	3	802733	10	3.500	3.042	6.0
	3 1/2	802734	15	4.000	3.521	7.0
	4	802735	15	4.500	3.998	7.0
	5	802736	4	5.565	5.018	7.5
	6	802737	6	6.625	6.031	11.0

TERMINAL ADAPTERS

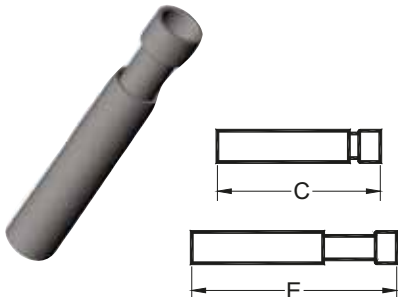
	Size (in)	Part Number	Unit Quantity	A (in)	B (in)	Inside Diameter (ID) (in)	Length (L) (in)
	1/2	59615	200	0.750	0.700	0.591	1.550
	3/4	59616	150	1.000	0.675	0.790	1.750
	1	59617	100	1.115	0.625	1.000	1.860
	1 1/4	59618	50	1.300	0.640	1.311	2.125
	1 1/2	59619	30	1.425	0.725	1.530	2.250
	2	59620	50	1.150	0.800	1.970	2.100
	2 1/2	59621	25	1.900	0.800	2.346	2.930
	3	59622	50	2.000	0.815	2.915	3.055
	3 1/2	59623	30	1.715	1.000	3.385	3.055
	4	59624	30	1.990	0.815	3.850	3.215
	5	59625	12	2.000	1.725	5.015	5.985
	6	59626	10	2.130	1.875	6.025	6.500

FEMALE ADAPTERS (NPT Tapered Thread)

	Size (in)	Part Number	Unit Quantity	A (in)	B (in)	Inside Diameter (ID) (in)	Length (L) (in)
	1/2	59630	150	0.800	0.825	0.620	1.725
	3/4	59631	100	0.800	1.000	0.820	1.900
	1	59632	50	1.000	1.200	1.065	2.300
	1 1/4	59633	30	1.015	1.300	1.395	2.425
	1 1/2	59634	25	1.050	1.290	1.575	2.440
	2	59635	30	1.075	1.375	2.050	2.550
	2 1/2	59636	20	1.675	1.985	2.470	3.760
	3	59637	25	1.630	2.150	3.090	4.100
	3 1/2	59638	20	1.800	2.000	3.540	3.985
	4	59639	15	1.755	2.185	4.025	4.210
	5	59640	10	2.065	3.000	5.035	5.240
	6	59641	6	2.065	3.000	6.045	5.235

EXPANSION COUPLINGS, STRAPS, METER ACCESSORIES

EXPANSION COUPLINGS - Two Piece

	Size (in)	Part Number	Unit Quantity	Expanded (E) (in)	Contracted (C) (in)	Travel (in)
	1/2	789646	25	12.00	8.00	4.00
	3/4	789647	25	12.00	8.00	4.00
	1	789648	40	12.50	8.50	4.00
	1 1/4	789649	20	13.00	9.00	4.00
	1 1/2	789650	20	13.00	9.00	4.00
	2	789651	10	13.25	9.25	4.00
	2 1/2	789652	9	13.25	9.25	4.00
	3	789653	9	22.25	14.25	8.00
	3 1/2	789654	5	22.25	14.25	8.00
	4	789655	5	22.25	14.25	8.00
	5	789656	1	22.25	14.25	8.00
	6	789657	1	22.25	14.25	8.00

PIPE STRAPS - PVC - 2 Hole

	Pipe Size (in)	Part Number	Unit Quantity
	1/2	59280	4x100
	3/4	59281	4x100
	1	59282	5x100
	1 1/4	59283	8x50
	1 1/2	59284	9x25
	2	59285	8x25

PIPE STRAPS - PVC Coated Steel - 2 Hole

	Pipe Size (in)	Part Number	Unit Quantity
	2 1/2	802839	50
	3	802840	25
	3 1/2	802841	25
	4	802842	15
	5	802843	10
	6	802844	5

METER OFFSETS

	Size (in)	Part Number	Unit Quantity
	1 1/4	59193	40
	2	59194	25

METER HUBS

	Size (in)	Part Number	Unit Quantity
	1 1/4	802801	50
	1 1/2	802802	25
	2	802803	50

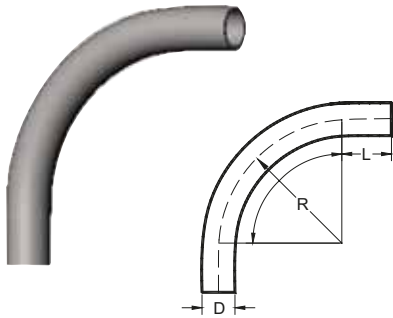
PULLING ELBOW

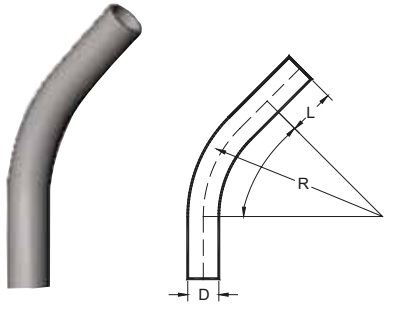
	Size (in)	Part Number	Unit Quantity
	1/2	52400	50
	3/4	52401	50

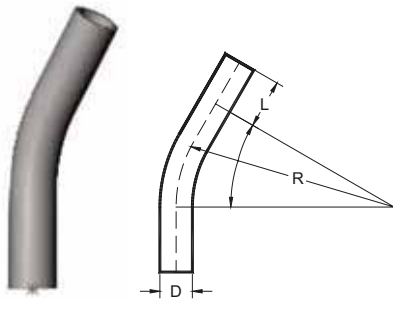
SERVICE ENTRANCE FITTINGS

	Size (in)	Part Number	Unit Quantity
	1/2	59269	25
	3/4	59270	25
	1	59271	15
	1 1/4	59272	20
	1 1/2	59273	20
	2	59274	20
	2 1/2	59275	2
	3	59276	2
	3 1/2	59277	2
	4	59278	2

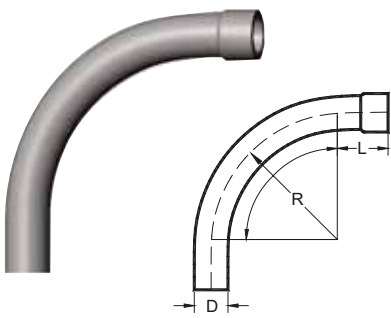
SCHEDULE 40 - Standard Radius Elbows (Plain End)

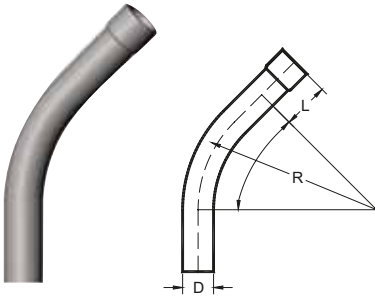
90° ELBOWS - Plain End						
	Size (in)	Part Number	Unit Quantity	Diameter (D) (in)	Length (L) (in)	Radius (R) (in)
	1/2	59588	35	0.840	1.500	4.00
	3/4	59589	50	1.050	1.500	4.50
	1	59590	25	1.315	1.875	5.75
	1 1/4	59591	150	1.660	2.000	7.25
	1 1/2	59592	10	1.900	2.000	8.25
	2	59593	200	2.375	2.000	9.50
	2 1/2	59594	100	2.875	3.000	10.50
	3	59595	50	3.500	3.125	13.00
	3 1/2	59596	50	4.000	3.250	15.00
	4	59597	25	4.500	3.375	16.00
	5	59598	25	5.565	3.622	24.00
	6	59599	25	6.625	3.740	30.00

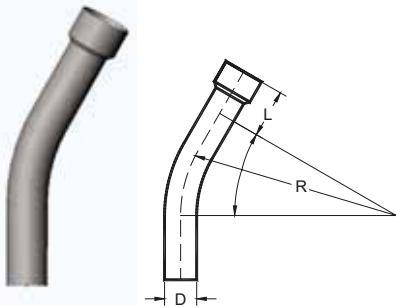
45° ELBOWS - Plain End						
	Size (in)	Part Number	Unit Quantity	Diameter (D) (in)	Length (L) (in)	Radius (R) (in)
	1/2	59575	70	0.840	1.500	4.00
	3/4	59576	50	1.050	1.500	4.50
	1	59577	50	1.315	1.875	5.75
	1 1/4	59578	30	1.660	2.000	7.25
	1 1/2	59579	20	1.900	2.000	8.25
	2	59580	10	2.375	2.000	9.50
	2 1/2	59581	12	2.875	3.000	10.50
	3	59582	10	3.500	3.125	13.00
	3 1/2	59583	1	4.000	3.250	15.00
	4	59584	1	4.500	3.375	16.00
	5	59585	1	5.565	3.625	24.00
	6	59586	1	6.625	3.750	30.00

30° ELBOWS - Plain End						
	Size (in)	Part Number	Unit Quantity	Diameter (D) (in)	Length (L) (in)	Radius (R) (in)
	1/2	59561	50	0.840	1.500	4.00
	3/4	59562	50	1.050	1.500	4.50
	1	59563	50	1.315	1.875	5.75
	1 1/4	59564	30	1.660	2.000	7.25
	1 1/2	59565	25	1.900	2.000	8.25
	2	59566	25	2.375	2.000	9.50
	2 1/2	59567	10	2.875	3.000	10.50
	3	59568	10	3.500	3.125	13.00
	3 1/2	59569	1	4.000	3.250	15.00
	4	59570	1	4.500	3.375	16.00
	5	59571	1	5.565	3.625	24.00
	6	59572	1	6.625	3.750	30.00

SCHEDULE 40 - Standard Radius Elbows (Bell End)

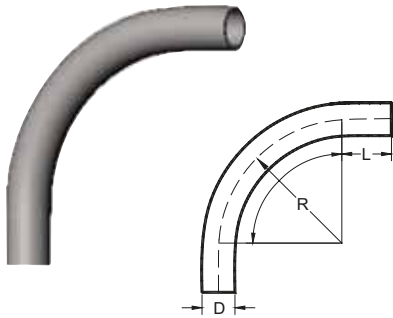
90° ELBOWS - Bell End						
	Size (in)	Part Number	Unit Quantity	Diameter (D) (in)	Length (L) (in)	Radius (R) (in)
	1/2	802752	35	0.840	1.500	4.00
	3/4	802753	50	1.050	1.500	4.50
	1	802754	25	1.315	1.875	5.75
	1 1/4	802755	20	1.660	2.000	7.25
	1 1/2	802756	15	1.900	2.000	8.25
	2	802757	10	2.375	2.000	9.50
	2 1/2	802758	100	2.875	3.000	10.50
	3	802759	50	3.500	3.125	13.00
	3 1/2	802761	50	4.000	3.250	15.00
	4	802762	50	4.500	3.375	16.00
	5	802763	25	5.565	3.622	24.00
	6	802764	25	6.625	3.740	30.00

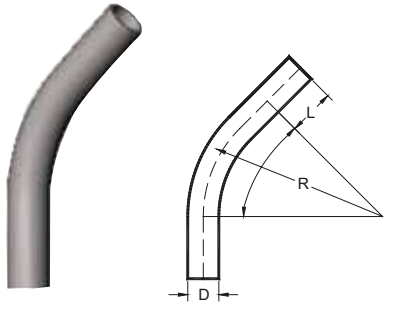
45° ELBOWS - Bell End						
	Size (in)	Part Number	Unit Quantity	Diameter (D) (in)	Length (L) (in)	Radius (R) (in)
	1/2	802765	70	0.840	1.500	4.00
	3/4	802767	50	1.050	1.500	4.50
	1	802768	50	1.315	1.875	5.75
	1 1/4	802769	30	1.660	2.000	7.25
	1 1/2	802770	15	1.900	2.000	8.25
	2	802771	10	2.375	2.000	9.50
	2 1/2	802772	12	2.875	3.000	10.50
	3	802773	10	3.500	3.125	13.00
	3 1/2	802774	1	4.000	3.250	15.00
	4	802775	1	4.500	3.375	16.00
	5	802776	1	5.565	3.625	24.00
	6	802777	1	6.625	3.750	30.00

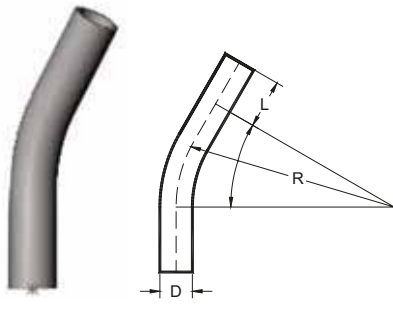
30° ELBOWS - Bell End						
	Size (in)	Part Number	Unit Quantity	Diameter (D) (in)	Length (L) (in)	Radius (R) (in)
	1/2	802778	50	0.840	1.500	4.00
	3/4	802779	35	1.050	1.500	4.50
	1	802780	50	1.315	1.875	5.75
	1 1/4	802781	30	1.660	2.000	7.25
	1 1/2	802782	50	1.900	2.000	8.25
	2	802783	30	2.375	2.000	9.50
	2 1/2	802784	10	2.875	3.000	10.50
	3	802785	10	3.500	3.125	13.00
	3 1/2	802786	1	4.000	3.250	15.00
	4	802787	1	4.500	3.375	16.00
	5	802788	1	5.565	3.625	24.00
	6	802789	1	6.625	3.750	30.00



SCHEDULE 80 - Standard Radius Elbows (Plain End)

90° ELBOWS - Plain End						
	Size (in)	Part Number	Unit Quantity	Diameter (D) (in)	Length (L) (in)	Radius (R) (in)
	1/2	59012	50	0.840	1.500	4.00
	3/4	59013	35	1.050	1.500	4.50
	1	59014	20	1.315	1.875	5.75
	1 1/4	59015	30	1.660	2.000	7.25
	1 1/2	59016	30	1.900	2.000	8.25
	2	59017	15	2.375	2.000	9.50
	2 1/2	59018	18	2.875	3.000	10.50
	3	59019	14	3.500	3.125	13.00
	4	59021	10	4.500	3.375	16.00
	5	59022	30	5.565	3.622	24.00
	6	59023	25	6.625	3.740	30.00

45° ELBOWS - Plain End						
	Size (in)	Part Number	Unit Quantity	Diameter (D) (in)	Length (L) (in)	Radius (R) (in)
	1/2	59000	50	0.840	1.500	4.00
	3/4	59001	25	1.050	1.500	4.50
	1	59002	20	1.315	1.875	5.75
	1 1/4	59003	25	1.660	2.000	7.25
	1 1/2	59004	20	1.900	2.000	8.25
	2	59005	10	2.375	2.000	9.50
	2 1/2	59006	20	2.875	3.000	10.50
	3	59007	8	3.500	3.125	13.00
	4	59009	20	4.500	3.375	16.00
	5	59010	30	5.565	3.625	24.00
	6	59011	25	6.625	3.750	30.00

30° ELBOWS - Plain End						
	Size (in)	Part Number	Unit Quantity	Diameter (D) (in)	Length (L) (in)	Radius (R) (in)
	1/2	59064	50	0.840	1.500	4.00
	3/4	59065	25	1.050	1.500	4.50
	1	59066	20	1.315	1.875	5.75
	1 1/4	59067	25	1.660	2.000	7.25
	1 1/2	59068	20	1.900	2.000	8.25
	2	59069	10	2.375	2.000	9.50
	2 1/2	59070	20	2.875	3.000	10.50
	3	59071	8	3.500	3.125	13.00
	4	59072	20	4.500	3.375	16.00
	5	59073	30	5.565	3.625	24.00
	6	59074	25	6.625	3.750	30.00



PLASTIC DUCT SPACERS

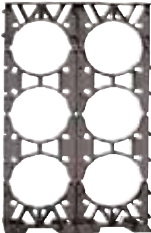
Plastic duct spacers for completely enclosed and locked-in duct banks.

- They snap together, vertically, slide together horizontally for fast, secure field assembly.
- Only two components, base and intermediate, are needed, Banding is not necessary.
- With the Vertical-lok spacer, ducts are accurately separated. Spacers lock firmly together, preventing separation.
- Alignment of the duct bank sections is relatively easy with this completely locked-in construction.
- To prevent the top tier from floating during encased burial, it is suggested that an intermediate spacer be used as a cap.
- Used in both EB and DB installations.

1. Vertical and horizontal interlocking permits building a strong, lock-in duct bank. A wide baseplate provides solid support for heaviest loads.
2. Just a push gives firm vertical locking
3. Units slide together for horizontal locking (For un-usual conditions).

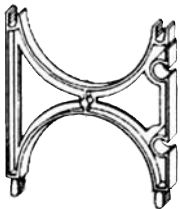


Intermediate & Base Spacer Dimensions

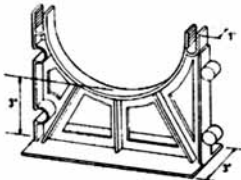
		1" Separation			1-1/2" Separation			2" Separation			3" Separation		
	Nominal Size	R	A	C	R	A	C	R	A	C	R	A	C
	2"	Saddle spacers only			1.2	4.0	1.5	1.2	4.5	2.0	1.2	5.5	3.0
	3"	Saddle spacers only			1.8	5.1	1.5	1.8	5.6	2.0	1.8	6.6	3.0
	4"	2.3	5.6	1.0	2.3	6.1	1.5	12.3	6.6	2.0	2.3	7.6	3.0
	5"	Saddle spacers 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	6.7	2.0	3.4	9.0	3.0

- Base spacers provide a 3" separation between bottom row of ducts & trench floor. except for 4" x 1", which is 1-3/4".
- All Dimensions are in inches.

Intermediate Spacers

		1" Separation			1-1/2" Separation			2" Separation			3" Separation		
	Duct Size	Part #	Std. Pack	Wgt. lbs.	Part #	Std. Pack	Wgt. lbs.	Part #	Std. Pack	Wgt. lbs.	Part #	Std. Pack	Wgt. lbs.
	2"	—	—	—	150-1	350	34	152-1	300	31	154-1	200	27
	3"	—	—	—	156-1	225	32	158-1	200	31	160-1	125	23
	4"	120-1	200	37	185-1	150	30	124-1	125	28	189-1	90	26
	5"	—	—	—	128-1	100	28	130-1	100	30	191-1	80	23
	6"	—	—	—	132-1	100	27	134-1	90	31	162-1	70	26

Base Spacers

		1" Separation			1-1/2" Separation			2" Separation			3" Separation		
	Duct Size	Part #	Std. Pack	Wgt. lbs.	Part #	Std. Pack	Wgt. lbs.	Part #	Std. Pack	Wgt. lbs.	Part #	Std. Pack	Wgt. lbs.
	2"	—	—	—	151-1	250	31	153-1	225	33	155-1	225	35
	3"	—	—	—	157-1	175	31	159-1	155	28	161-1	150	32
	4"	121-1	175	35	186-1	140	39	125-1	140	42	190-1	120	40
	5"	—	—	—	129-1	120	42	131-1	120	42	192-1	100	38
	6"	—	—	—	133-1	100	32	135-1	100	42	163-1	95	38

SCHEDULE 40 - Special Radius Elbows (Plain End)

SCHEDULE 40 - Special Radius Elbows											
		18" Radius		24" Radius		30" Radius		36" Radius		48" Radius	
Size (in)	Degree	Item No.	Num. per Bundle	Item No.	Num. per Bundle	Item No.	Num. per Bundle	Item No.	Num. per Bundle	Item No.	Num. per Bundle
1"	90°	59701	5 pcs.	59708	5 pcs.	59717	5 pcs.	59727	5 pcs.	59738	5 pcs.
	45°	59749	5 pcs.	59756	5 pcs.	59765	5 pcs.	59775	5 pcs.	59786	5 pcs.
	30°	59797	5 pcs.	59804	5 pcs.	59813	5 pcs.	59823	5 pcs.	59834	5 pcs.
	22-1/2°	59845	5 pcs.	59854	5 pcs.	59864	5 pcs.	59875	5 pcs.	59886	5 pcs.
1-1/4"	90°	59702	5 pcs.	59709	5 pcs.	59718	5 pcs.	59728	5 pcs.	59739	5 pcs.
	45°	59750	5 pcs.	59757	5 pcs.	59766	5 pcs.	59776	5 pcs.	59787	5 pcs.
	30°	59798	5 pcs.	59805	5 pcs.	59814	5 pcs.	59824	5 pcs.	59835	5 pcs.
	22-1/2°	59846	5 pcs.	59855	5 pcs.	59865	5 pcs.	59876	5 pcs.	59887	5 pcs.
1-1/2"	90°	59703	5 pcs.	59710	5 pcs.	59719	5 pcs.	59729	5 pcs.	59740	5 pcs.
	45°	59751	5 pcs.	59758	5 pcs.	59767	5 pcs.	59777	5 pcs.	59788	5 pcs.
	30°	59799	5 pcs.	59806	5 pcs.	59815	5 pcs.	59825	5 pcs.	59836	5 pcs.
	22-1/2°	59847	5 pcs.	59856	5 pcs.	59866	5 pcs.	59877	5 pcs.	59888	5 pcs.
2"	90°	59704	5 pcs.	59711	5 pcs.	59720	5 pcs.	59730	5 pcs.	59741	5 pcs.
	45°	59752	5 pcs.	59759	5 pcs.	59768	5 pcs.	59778	5 pcs.	59789	5 pcs.
	30°	59800	5 pcs.	59807	5 pcs.	59816	5 pcs.	59826	5 pcs.	59837	5 pcs.
	22-1/2°	59848	5 pcs.	59857	5 pcs.	59867	5 pcs.	59878	5 pcs.	59889	5 pcs.
2-1/2"	90°	59705	5 pcs.	59712	5 pcs.	59721	5 pcs.	59731	5 pcs.	59742	5 pcs.
	45°	59753	5 pcs.	59760	5 pcs.	59769	5 pcs.	59779	5 pcs.	59790	5 pcs.
	30°	59801	5 pcs.	59808	5 pcs.	59817	5 pcs.	59827	5 pcs.	59838	5 pcs.
	22-1/2°	59849	5 pcs.	59898	5 pcs.	59868	5 pcs.	59879	5 pcs.	59890	5 pcs.
3"	90°	59706	5 pcs.	59713	5 pcs.	59722	5 pcs.	59732	5 pcs.	59743	5 pcs.
	45°	59754	5 pcs.	59761	5 pcs.	59770	5 pcs.	59780	5 pcs.	59791	5 pcs.
	30°	59802	5 pcs.	59809	5 pcs.	59818	5 pcs.	59828	5 pcs.	59839	5 pcs.
	22-1/2°	59850	5 pcs.	59859	5 pcs.	59869	5 pcs.	59880	5 pcs.	59891	5 pcs.
3-1/2"	90°	Use Standard Schedule 40 Radius (15")		59714	5 pcs.	59723	5 pcs.	59733	5 pcs.	59744	5 pcs.
	45°			59762	5 pcs.	59771	5 pcs.	59781	5 pcs.	59792	5 pcs.
	30°			59810	5 pcs.	59819	5 pcs.	59829	5 pcs.	59840	5 pcs.
	22-1/2°			59860	5 pcs.	59870	5 pcs.	59881	5 pcs.	59892	5 pcs.
4"	90°	Use Standard Schedule 40 Radius (16")		59715	5 pcs.	59724	5 pcs.	59734	5 pcs.	59745	5 pcs.
	45°			59763	5 pcs.	59772	5 pcs.	59782	5 pcs.	59793	5 pcs.
	30°			59811	5 pcs.	59820	5 pcs.	59830	5 pcs.	59841	5 pcs.
	22-1/2°			59861	5 pcs.	59871	5 pcs.	59882	5 pcs.	59893	5 pcs.
5"	90°	Use Standard Schedule 40 Radius (24")				59725	1 pc.	59735	1 pc.	59746	5 pcs.
	45°					59773	1 pc.	59783	1 pc.	59794	5 pcs.
	30°					59821	1 pc.	59831	1 pc.	59842	5 pcs.
	22-1/2°					59872	1 pc.	59883	1 pc.	59894	5 pcs.
6"	90°	Use Standard Schedule 40 Radius (30")						59736	1 pc.	59747	5 pcs.
	45°							59784	1 pc.	59795	5 pcs.
	30°							59832	1 pc.	59843	5 pcs.
	22-1/2°							59884	1 pc.	59895	5 pcs.

- 60" radius available upon request
- Special radius bell end elbows available upon request
- Contact your Allied Tube & Conduit, Electrical representative for more information

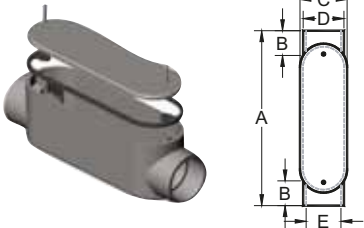
SCHEDULE 80 - Special Radius Elbows (Plain End)

SCHEDULE 80 - Special Radius Elbows									
		18" Radius		24" Radius		36" Radius		48" Radius	
Size (in)	Degree	Item No.	Num. per Bundle	Item No.	Num. per Bundle	Item No.	Num. per Bundle	Item No.	Num. per Bundle
1"	90°	808827	5 pcs.	808831	5 pcs.	808835	5 pcs.	808845	5 pcs.
	45°	808828	5 pcs.	808832	5 pcs.	808842	5 pcs.	808846	5 pcs.
	30°	808829	5 pcs.	808833	5 pcs.	808843	5 pcs.	808847	5 pcs.
	22-1/2°	808830	5 pcs.	808834	5 pcs.	808844	5 pcs.	808848	5 pcs.
1-1/4"	90°	808849	5 pcs.	808854	5 pcs.	808858	5 pcs.	808862	5 pcs.
	45°	808850	5 pcs.	808855	5 pcs.	808859	5 pcs.	808863	5 pcs.
	30°	808851	5 pcs.	808856	5 pcs.	808860	5 pcs.	808864	5 pcs.
	22-1/2°	808852	5 pcs.	808857	5 pcs.	808861	5 pcs.	808865	5 pcs.
1-1/2"	90°	805133	5 pcs.	808868	5 pcs.	809049	5 pcs.	809053	5 pcs.
	45°	805131	5 pcs.	808869	5 pcs.	809050	5 pcs.	809054	5 pcs.
	30°	808866	5 pcs.	808870	5 pcs.	809051	5 pcs.	809055	5 pcs.
	22-1/2°	808867	5 pcs.	808871	5 pcs.	809052	5 pcs.	809056	5 pcs.
2"	90°	809057	5 pcs.	805916	5 pcs.	597394	5 pcs.	597493	5 pcs.
	45°	809058	5 pcs.	809061	5 pcs.	809067	5 pcs.	809070	5 pcs.
	30°	809059	5 pcs.	809065	5 pcs.	809068	5 pcs.	809071	5 pcs.
	22-1/2°	809060	5 pcs.	809066	5 pcs.	809069	5 pcs.	809072	5 pcs.
2-1/2"	90°	597043	5 pcs.	597123	5 pcs.	597391	5 pcs.	809081	5 pcs.
	45°	805132	5 pcs.	809078	5 pcs.	809075	5 pcs.	809082	5 pcs.
	30°	809073	5 pcs.	809079	5 pcs.	809076	5 pcs.	809083	5 pcs.
	22-1/2°	809074	5 pcs.	809080	5 pcs.	809077	5 pcs.	809084	5 pcs.
3"	90°	597063	5 pcs.	597152	5 pcs.	597392	5 pcs.	597494	5 pcs.
	45°	809085	5 pcs.	809088	5 pcs.	809091	5 pcs.	809094	5 pcs.
	30°	809086	5 pcs.	809089	5 pcs.	809092	5 pcs.	809095	5 pcs.
	22-1/2°	809087	5 pcs.	809090	5 pcs.	809093	5 pcs.	809096	5 pcs.
4"	90°	Use Standard Schedule 40 Radius (16")		597153	5 pcs.	597393	5 pcs.	597492	5 pcs.
	45°			809205	5 pcs.	597823	5 pcs.	597944	5 pcs.
	30°			809206	5 pcs.	809208	5 pcs.	809210	5 pcs.
	22-1/2°			809207	5 pcs.	809209	5 pcs.	809211	5 pcs.
5"	90°	—	—	Use Standard Schedule 40 Radius (24")		597395	1 pc.	597495	1 pc.
	45°	—	—			597824	1 pc.	597946	1 pc.
	30°	—	—			809212	1 pc.	809214	1 pc.
	22-1/2°	—	—			809213	1 pc.	809215	1 pc.
6"	90°	—	—	—	—	809249	1 pc.	597491	1 pc.
	45°	—	—	—	—	809250	1 pc.	597945	1 pc.
	30°	—	—	—	—	809251	1 pc.	809253	1 pc.
	22-1/2°	—	—	—	—	809252	1 pc.	809254	1 pc.

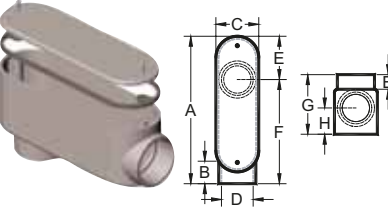
- 60" radius available upon request
- Contact your Allied Tube & Conduit, Electrical representative for more information

ACCESS FITTINGS

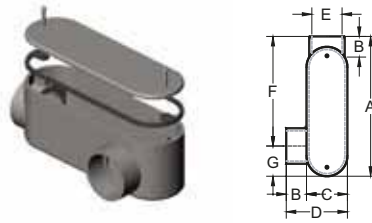
TYPE C

	TYPE C		Unit Quantity	A (in)	B (in)	C (in)	D (in)	E (in)
	Size (in)	Part Number						
	1/2	59260	30	5.606	0.639	1.268	1.100	0.840
	3/4	59261	20	5.606	0.810	1.536	1.325	1.050
	1	59262	15	6.500	0.910	1.700	1.600	1.335
	1 1/4	59263	15	7.900	1.050	2.300	2.250	1.100
	1 1/2	59264	10	8.500	1.125	2.675	2.250	1.900
	2	59265	15	10.875	1.160	3.188	2.820	2.375
	2 1/2	59266	4	14.600	1.750	4.500	3.950	2.870
	3	59267	4	14.600	1.900	4.500	3.950	3.510
	3 1/2	59268	4	17.040	2.125	5.536	5.000	4.000
	4	59279	4	17.040	2.125	5.536	5.000	4.530

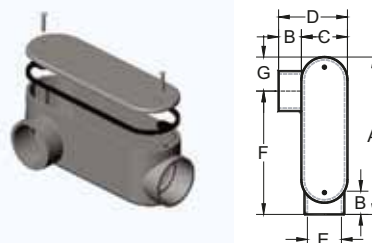
TYPE LB

	TYPE LB		Unit Quantity	A (in)	B (in)	C (in)	D (in)	E (in)	F (in)	G (in)	H (in)
	Size (in)	Part Number									
	1/2	59200	25	4.337	0.639	1.268	0.840	1.297	4.095	2.487	1.005
	3/4	59201	25	5.395	0.810	1.536	1.050	1.297	4.095	2.487	1.005
	1	59202	15	6.250	0.910	1.700	1.335	1.500	4.750	2.075	1.125
	1 1/4	59203	20	7.625	1.050	2.300	1.100	1.750	5.750	3.575	1.562
	1 1/2	59204	10	8.250	1.125	2.675	1.900	1.750	6.500	3.938	1.656
	2	59205	15	10.531	1.160	3.188	2.375	2.344	8.156	4.535	1.968
	2 1/2	59206	5	13.630	1.750	4.500	2.870	3.805	9.825	6.240	2.610
	3	59207	5	13.630	1.900	4.500	3.510	2.733	10.897	6.240	2.610
	3 1/2	59208	5	16.000	2.125	5.536	4.000	4.535	11.465	7.500	2.975
	4	59209	5	16.000	2.125	5.536	4.530	4.535	11.465	7.500	2.975

TYPE LL

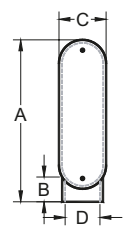
	TYPE LL		Unit Quantity	A (in)	B (in)	C (in)	D (in)	E (in)	F (in)	G (in)
	Size (in)	Part Number								
	1/2	59210	25	4.337	0.639	1.268	2.487	0.840	4.095	1.297
	3/4	59211	20	5.395	0.810	1.536	2.487	1.050	4.095	1.297
	1	59212	15	6.250	0.910	1.700	2.075	1.335	4.750	1.500
	1 1/4	59213	10	7.625	1.050	2.300	3.575	1.100	5.750	1.750
	1 1/2	59214	10	8.250	1.125	2.675	3.938	1.900	6.500	1.750
	2	59215	10	10.531	1.160	3.188	4.535	2.375	8.156	2.344
	2 1/2	59216	4	13.630	1.750	4.500	6.240	2.870	9.825	3.805
	3	59217	4	13.630	1.900	4.500	6.240	3.510	10.897	2.733
	3 1/2	59218	5	16.000	2.125	5.536	7.500	4.000	11.465	4.535
	4	59219	5	16.000	2.125	5.536	7.500	4.530	11.465	4.535

TYPE LR

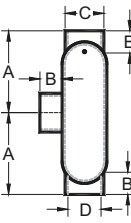
	TYPE LR		Unit Quantity	A (in)	B (in)	C (in)	D (in)	E (in)	F (in)	G (in)
	Size (in)	Part Number								
	1/2	59220	25	4.337	0.639	1.268	2.487	0.840	4.095	1.297
	3/4	59221	20	5.395	0.810	1.536	2.487	1.050	4.095	1.297
	1	59222	15	6.250	0.910	1.700	2.075	1.335	4.750	1.500
	1 1/4	59223	10	7.625	1.050	2.300	3.575	1.100	5.750	1.750
	1 1/2	59224	10	8.250	1.125	2.675	3.938	1.900	6.500	1.750
	2	59225	10	10.531	1.160	3.188	4.535	2.375	8.156	2.344
	2 1/2	59226	4	13.630	1.750	4.500	6.240	2.870	9.825	3.805
	3	59227	4	13.630	1.900	4.500	6.240	3.510	10.897	2.733
	3 1/2	59228	5	16.000	2.125	5.536	7.500	4.000	11.465	4.535
	4	59229	5	16.000	2.125	5.536	7.500	4.530	11.465	4.535

ACCESS FITTINGS

TYPE E

		Size (in)	Part Number	Unit Quantity	A (in)	B (in)	C (in)	D (in)
		1/2	59090	30	4.337	0.639	1.268	0.840
		3/4	59091	20	5.395	0.810	1.536	1.050
		1	59092	15	6.250	0.910	1.700	1.335
		1 1/4	59093	20	7.625	1.050	2.300	1.100
		1 1/2	59094	10	8.250	1.125	2.675	1.900
		2	59095	15	10.531	1.160	3.188	2.375
		2 1/2	59296	4	13.630	1.750	4.500	2.870
		3	59297	4	13.630	1.900	4.500	3.510
		3 1/2	59298	4	16.000	2.125	5.536	4.000
		4	59299	4	16.000	2.125	5.536	4.530

TYPE T

		Size (in)	Part Number	Unit Quantity	A (in)	B (in)	C (in)	D (in)
		1/2	59230	30	2.280	0.639	1.100	0.840
		3/4	59231	20	2.803	0.810	1.325	1.050
		1	59232	25	3.250	0.910	1.600	1.335
		1 1/4	59233	15	3.950	1.050	2.250	1.100
		1 1/2	59234	10	4.250	1.125	2.250	1.900
		2	59235	10	5.438	1.160	2.820	2.375
		2 1/2	59236	4	7.300	1.750	3.950	2.870
		3	59237	4	7.300	1.900	3.950	3.510
		3 1/2	59238	4	8.535	2.125	5.000	4.000
		4	59239	4	8.535	2.125	5.000	4.530



COVER PLATES

SINGLE GANG COVER PLATES - F SERIES



802883



802884



59162



802885



59164



59165

Description	Part Number	Unit Quantity
Toggle Switch	802883	100
Duplex Receptacle	802884	100
Single Receptacle - 15 Amp	59162	100
Single Receptacle - 20 Amp	802885	100
Single Receptacle - 30 Amp	59164	100
Single Blank with Gasket	59165	10

DOUBLE GANG COVER PLATES - F SERIES



59156



802904



802905



59159

Description	Part Number	Unit Quantity
Double Switch	59156	50
Combo Switch/Receptacle	802904	50
Double Duplex	802905	50
Double Blank with Gasket	59159	50

TRIPLE GANG COVER PLATES - F SERIES



802909



802914



802915



802916

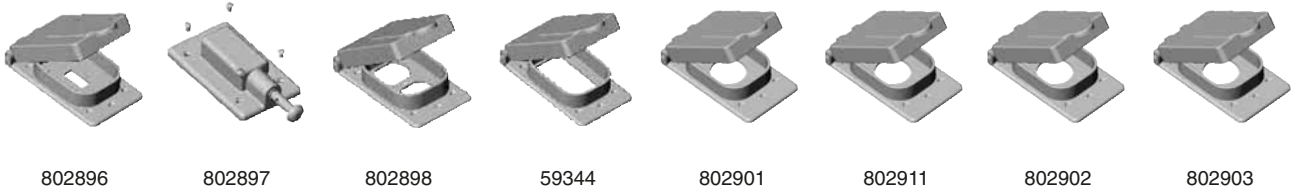


802917

Description	Part Number	Unit Quantity
Triple Switch	802909	50
Double Switch/Receptacle	802914	50
Double Receptacle/Switch	802915	50
Triple Receptacle	802916	50
Triple Blank with Gasket	802917	50

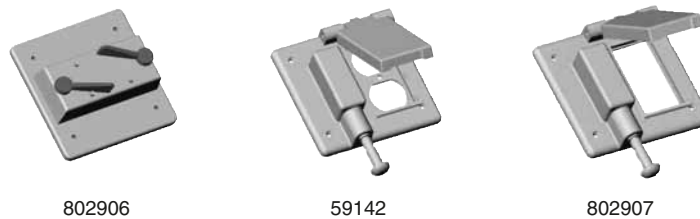
WEATHERPROOF BOX COVERS

SINGLE GANG BOX COVERS



Description	Part Number	Unit Quantity
Toggle Switch	802896	20
Plunger Switch	802897	20
Duplex Receptacle	802898	20
GFI Receptacle	59344	20
Receptacle - 15 Amp	802901	20
Receptacle - 20 Amp	802911	20
Receptacle - 30 Amp	802902	20
Receptacle - 50 Amp	802903	20

DOUBLE GANG BOX COVERS



Description	Part Number	Unit Quantity
Toggle Switch	802906	10
Combo Switch/Receptacle	59142	10
Combo Switch/GFI	802907	10

EXPOSED BOXES

SINGLE GANG BOXES - F SERIES



FS



FSS



FSC



FSCC

Description	Part Number	Unit Quantity	Volume (in ³)
1/2" FS	59240	10	17.0
3/4" FS	59241	10	17.0
1/2" FSS	59243	10	17.5
3/4" FSS	59244	10	17.5
1/2" FSC	59246	10	16.3
3/4" FSC	59247	10	16.3
1/2" FSCC	59345	10	17.0
3/4" FSCC	59346	10	17.0

DOUBLE GANG BOXES - F SERIES



FS



FSS



FSC



FSCC



BLANK

Description	Part Number	Unit Quantity	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	802861	10	39.5
3/4" FS	802862	10	39.5
1" FS	59153	10	39.5
1/2" FSS	802864	10	37.0
3/4" FSS	802865	10	37.0
1" FSS	59348	10	37.0
1/2" FSC	802867	10	37.0
3/4" FSC	802868	10	37.0
1" FSC	802869	10	37.0
1/2" FSCC	802870	10	36.0
3/4" FSCC	802871	10	36.0
1" FSCC	59349	10	36.0
BLANK	59155	10	52.0

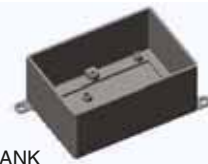
TRIPLE GANG BOXES - F SERIES



FS



FSC



BLANK

Description	Part Number	Unit Quantity	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	802874	10	56.0
3/4" FSC	802876	10	56.0
1" FSC	59146	10	56.0
1/2" FS	802878	10	54.0
3/4" FS	802879	10	54.0
1" FS	802880	10	54.0
BLANK	802881	10	73.8

EXPOSED BOXES

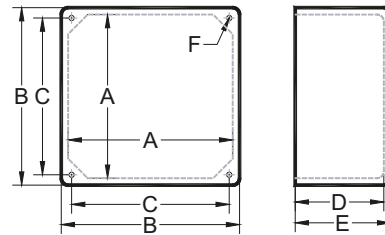
OCTAGONAL BOXES

	Size (in)	Part Number	Unit Quantity
	4 x 11/2	802804	20
	4 x 2	802805	12
	3/4 KO PLUG	802806	1
	1 KO PLUG	802807	1

OCTAGONAL BOX EXTENSION RINGS

	Size (in)	Part Number	Unit Quantity
	1	802808	20
	2	802809	20

JUNCTION BOXES with gasket



Nominal Size (in)	Part Number	Unit Quantity	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 (in3)
4 x 4 x 2	59250	15	3.675	4.000	3.450	2.125	2.000	8-32	25.4
4 x 4 x 4	59251	10	3.675	4.000	3.450	4.188	3.750	8-32	47.5
4 x 4 x 6	59252	8	3.675	4.000	3.450	6.225	6.000	8-32	76.1
5 x 5 x 2	59253	12	4.680	5.000	4.485	2.000	1.845	8-32	38.7
6 x 6 x 4	59254	15	6.000	6.375	5.813	4.188	4.000	10-32	139.5
6 x 6 x 6	59255	4	6.000	6.375	5.813	6.188	6.000	10-32	209.3
8 x 8 x 4	59256	4	8.075	8.625	7.996	4.230	4.005	1/4-20	258.6
8 x 8 x 7	59257	4	8.100	8.625	7.996	7.250	7.035	1/4-20	455.6
12 x 12 x 4	59258	2	12.085	12.580	11.874	4.256	4.030	1/4-20	578.3
12 x 12 x 6	59259	4	12.085	12.580	11.874	6.240	6.025	1/4-20	864.6
12 x 12 x 8	802944	3	12.085	12.580	11.874	8.250	8.025	1/4-20	1,151.6



FITTINGS - MISC., & SOLVENT CEMENT

END CAP			
	Size (in)	Part Number	Unit Quantity
	1/2	59645	200
	3/4	59646	150
	1	59647	100
	1 1/4	59648	40
	1 1/2	59649	40
	2	59125	20
	2 1/2	59126	15
	3	59127	10
	4	59128	12
	5	59129	4
	6	59130	10

END BELL MOLDED			
	Size (in)	Part Number	Unit Quantity
	1/2	59673	100
	3/4	59674	100
	1	59675	50
	1 1/4	59676	50
	1 1/2	59677	50
	2	59678	40
	2 1/2	59679	50
	3	59680	50
	3 1/2	59681	50
	4	59682	50
	5	59683	25
	6	59684	15

JUNCTION BOX ADAPTERS			
	Size (in)	Part Number	Unit Quantity
	1/2	33715	100
	3/4	33716	100
	1	33717	100
	1 1/4	33718	50
	1 1/2	33719	50
	2	33720	25
	2 1/2	33721	10
	3	33722	10
	3 1/2	33723	10
	4	33724	10

REDUCER BUSHINGS			
	Size (in)	Part Number	Unit Quantity
	3/4 x 1/2	59897	3x100
	1 x 1/2	802738	3x100
	1 x 3/4	59899	200
	1 1/4 x 3/4	802739	2x25
	1 1/4 x 1	59901	100
	1 1/2 x 1	802740	50
	1 1/2 x 1 1/4	59903	50
	2 x 1	802741	50
	2 x 1 1/4	802742	25
	2 x 1 1/2	59905	25
	2 1/2 x 2	59906	15
	3 x 2	802743	25
	3 x 2 1/2	59909	15
	4 x 2	802744	15
	4 x 3	59908	10
	4 x 3 1/2	59910	15

POLY PLUG WITH PULLING EYE			
	Size (in)	Part Number	Unit Quantity
	2	802918	60
	3	802919	30
	4	802920	48
	5	802921	30
	6	802922	30

CONDUIT CEMENT #99			
	Size Descr.	Part Number	Unit Quantity
	1/2 Pint	85177	24
	Pint	85174	12
	Quart	85175	12
	Gallon	85176	6

PRIMER CLEAR			
	Size (in)	Part Number	Unit Quantity
	1/2 Pint	813088	24
	Pint	813085	12
	Quart	813087	12
	Gallon	813091	6

- Purple primer and gray conduit cement available upon request.
- Contact your Allied Tube & Conduit, Electrical representative for more information

PVC CROSS-REFERENCE CHART

	Couplings				Terminal Adapters				Female Adapters			
	Allied	Cantex	Carlton	Kraloy	Allied	Cantex	Carlton	Kraloy	Allied	Cantex	Carlton	Kraloy
1/2"	59601	6141623	E940D	078001	59615	5140103	E943D	078084	59630	5140043	E942D	078070
3/4"	59602	6141624	E940E	078002	59616	5140104	E943E	078085	59631	5140044	E942E	078071
1"	59603	6141625	E940F	078003	59617	5140105	E943F	078086	59632	5140045	E942F	078072
1 1/4"	59604	6141626	E940G	078004	59618	5140106	E943G	078087	59633	5140046	E942G	078073
1 1/2"	59605	6141627	E940H	078005	59619	5140107	E943H	078088	59634	5140047	E942H	078074
2"	59606	6141628	E940J	078006	59620	5140108	E943J	078089	59635	5140048	E942J	078075
2 1/2"	59607	6141629	E940K	078007	59621	5140109	E943K	078090	59636	5140049	E942K	078076
3"	59608	6141630	E940L	078008	59622	5140110	E943L	078091	59637	5140050	E942L	078077
3 1/2"	59609	6141631	E940M	078009	59623	5140111	E943M	078092	59338	5140051	E942M	078078
4"	59610	6141632	E940N	078010	59624	5140112	E943N	078093	59639	5140052	E942N	078079
5"	59611	6141633	E940P	078012	59625	5140113	E943P	078094	59640	5140053	E942P	078080
6"	59612	6141634	E940R	078014	59626	5140114	E943R	078095	59641	5140054	E942R	078081
	Schedule 40 90° Std. Radius Elbows - PE				Schedule 40 45° Std. Radius Elbows - PE				Schedule 40 30° Std. Radius Elbows - PE			
	Allied	Cantex	Carlton	Kraloy	Allied	Cantex	Carlton	Kraloy	Allied	Cantex	Carlton	Kraloy
1/2"	59588	5133823	UA9AD	078540	59575	5133763	UA7AD	078552	59561	5133755	UA6AD	078564
3/4"	59589	5133824	UA9AE	078541	59576	5133764	UA7AE	078553	59562	5133744	UA6AE	078565
1"	59590	5133825	UA9AF	078542	59577	5133765	UA7AF	078554	59563	5133745	UA6AF	078566
1 1/4"	59591	5133826	UA9AG	078543	59578	5133766	UA7AG	078555	59564	5133746	UA6AG	078567
1 1/2"	59592	5133827	UA9AH	078544	59579	5133767	UA7AH	078556	59565	5133747	UA6AH	078568
2"	59593	5133828	UA9AJ	078545	59580	5133768	UA7AJ	078557	59566	5133748	UA6AJ	078569
2 1/2"	59594	5133829	UA9AK	078546	59581	5133769	UA7AK	078558	59567	5133749	UA6AK	078570
3"	59595	5133830	UA9AL	078547	59582	5133770	UA7AL	078559	59568	5133750	UA6AL	078571
3 1/2"	59596	5133831	UA9AM	078548	59583	5133771	UA7AM	078560	59569	5133751	UA6AM	078572
4"	59597	5133832	UA9AN	078549	59584	5133772	UA7AN	078561	59570	5133752	UA6AN	078573
5"	59598	5133833	UA9AP	078550	59585	5133773	UA7AP	078562	59571	5133753	UA6AP	078574
6"	59599	5133834	UA9AR	078551	59586	5133774	UA7AR	078563	59572	5133754	UA6AR	078575
	Schedule 40 90° Std. Radius Elbows - Bell End				Schedule 40 45° Std. Radius Elbows - Bell End				Schedule 40 30° Std. Radius Elbows - Bell End			
	Allied	Cantex	Carlton	Kraloy	Allied	Cantex	Carlton	Kraloy	Allied	Cantex	Carlton	Kraloy
1/2"	802752	5233823	UA9ADB	078588	802765	5233763	UA7ADB	078600	802778	-	UA6ADB	-
3/4"	802753	5233824	UA9AEB	078589	802767	5233764	UA7AEB	078601	802779	-	UA6AEB	-
1"	802754	5233825	UA9AFB	078590	802768	5233765	UA7AFB	078602	802780	-	UA6AFB	-
1 1/4"	802755	5233826	UA9AGB	078591	802769	5233766	UA7AGB	078603	802781	-	UA6AGB	-
1 1/2"	802756	5233827	UA9AHB	078592	802770	5233767	UA7AHB	078604	802782	-	UA6AHB	-
2"	802757	5233828	UA9AJB	078593	802771	5233768	UA7AJB	078605	802783	5233748	UA6AJB	-
2 1/2"	802758	5233829	UA9AKB	078594	802772	5233769	UA7AKB	078606	802784	-	UA6AKB	-
3"	802759	5233830	UA9ALB	078595	802773	5233770	UA7ALB	078607	802785	5233750	UA6ALB	-
3 1/2"	802761	5233831	UA9AMB	078596	802774	5233771	UA7AMB	078608	802786	5233751	UA6AMB	-
4"	802762	5233832	UA9ANB	078597	802775	5233772	UA7ANB	078609	802787	5233752	UA6ANB	-
5"	802763	5233833	UA9APB	078598	802776	5233773	UA7APB	078610	802788	5233753	UA6APB	-
6"	802764	5233834	UA9ARB	078599	802777	5233774	UA7ARB	078611	802789	5233754	UA6ARB	-
	Schedule 80 90° Std. Radius Elbows - PE				Schedule 80 45° Std. Radius Elbows - PE				Schedule 80 30° Std. Radius Elbows - PE			
	Allied	Cantex	Carlton	Kraloy	Allied	Cantex	Carlton	Kraloy	Allied	Cantex	Carlton	Kraloy
1/2"	59012	5121053	UB9AD	078620	59000	5121003	UB7AD	078631	59064	5121000	UB6AD	078642
3/4"	59013	5121054	UB9AE	078621	59001	5121004	UB7AE	078632	59065	5121001	UB6AE	078643
1"	59014	5121055	UB9AF	078622	59002	5121005	UB7AF	078633	59066	5121002	UB6AF	078644
1 1/4"	59015	5121056	UB9AG	078623	59003	5121006	UB7AG	078634	59067	5121006	UB6AG	078645
1 1/2"	59016	5121057	UB9AH	078624	59004	5121007	UB7AH	078635	59068	5121850	UB6AH	078646
2"	59017	5121058	UB9AJ	078625	59005	5121008	UB7AJ	078636	59069	5121108	UB6AJ	078647
2 1/2"	59018	5121059	UB9AK	078626	59006	5121009	UB7AK	078637	59070	5121109	UB6AK	078648
3"	59019	5121060	UB9AL	078627	59007	5121010	UB7AL	078638	59071	5121110	UB6AL	078649
4"	59021	5121061	UB9AN	078628	59009	5121011	UB7AN	078639	59072	5121111	UB6AN	078650
5"	59022	5121062	UB9AP	078629	59010	5121012	UB7AP	078640	59073	5121112	UB6AP	078651
6"	59023	5121063	UB9AR	078630	59011	5121013	UB7AR	078641	59074	5121113	UB6AR	078652
	Access Fittings - Type C				Access Fittings - Type LB				Access Fittings - Type LL			
	Allied	Cantex	Carlton	Kraloy	Allied	Cantex	Carlton	Kraloy	Allied	Cantex	Carlton	Kraloy
1/2"	59260	5133101	E987D	078116	59200	5133663	E986D	078140	59210	5133660	E984D	078152
3/4"	59261	5133102	E987E	078117	59201	5133664	E986E	078141	59211	5133661	E984E	078153
1"	59262	5133103	E987F	078118	59202	5133665	E986F	078142	59212	5133662	E984F	078154
1 1/4"	59263	5133104	E987G	078119	59203	5133666	E986G	078143	59213	5133649	E984G	078155
1 1/2"	59264	5133105	E987H	078120	59204	5133667	E986H	078144	59214	5133648	E984H	078156
2"	59265	5133106	E987J	078121	59205	5133668	E986J	078145	59215	5133647	E984J	078157
2 1/2"	59266	5133108	-	078122	59206	5133669	E986K	078146	59216	5133644	-	078158
3"	59267	5133107	-	078123	59207	5133670	E986L	078147	59217	5133646	-	078159
3 1/2"	59268	5133110	-	078124	59208	5133671	E986M	078148	59218	5133640	-	078160
4"	59279	5133109	-	078125	59209	5133672	E986N	078149	59219	5133645	-	078161
	Access Fittings - Type E				Access Fittings - Type T				Access Fittings - Type LR			
	Allied	Cantex	Carlton	Kraloy	Allied	Cantex	Carlton	Kraloy	Allied	Cantex	Carlton	Kraloy
1/2"	59090	5133151	E988D	078128	59230	5133563	E983D	078176	59220	5133650	E985D	078164
3/4"	59091	5133152	E988E	078129	59231	5133564	E983E	078177	59221	5133651	E985E	078165
1"	59092	5133153	E988F	078130	59232	5133565	E983F	078178	59222	5133652	E985F	078166
1 1/4"	59093	5133154	E988G	078131	59233	5133566	E983G	078179	59223	5133653	E985G	078167
1 1/2"	59094	5133155	E988H	078132	59234	5133567	E983H	078180	59224	5133654	E985H	078168
2"	59095	5133156	E988J	078133	59235	5133568	E983J	078181	59225	5133655	E985J	078169
2 1/2"	59296	5133157	-	078134	59236	5133569	-	078182	59226	5133658	-	078170
3"	59297	5133158	-	078135	59237	5133570	-	078183	59227	5133656	-	078171
3 1/2"	59298	5133160	-	078136	59238	5133572	-	078184	59228	5133659	-	078172
4"	59299	5133159	-	078137	59239	5133571	-	078185	59229	5133657	-	078173

OTHER PVC PRODUCTS

Other PVC electrical products can be found in the Allied PVC Electrical Conduit Catalog

Allied PVC Electrical Conduit Catalog covers:

- Information on how products are 90 Degree Celsius Rated
- Expansion/Contraction Considerations
- Corrosion Resistance Information
- Installation Instructions
- Pallet & Loading Information
- Product information and properties on:
 - UL listed Rigid Schedule-40, and Schedule 80 Extra Heavy Duty Electrical Conduit.
 - Rigid PVC Utility Duct Type DB-120 Direct Burial Electrical Conduit - NEMA TC-6 & TC-8.
 - Rigid PVC Utility Duct Type EB-20 Encased Burial Electrical Conduit - NEMA TC-6.
 - Rigid PVC Utility Duct Type EB-35 Encased Burial Electrical Conduit - NEMA TC-8.

WARRANTY

Limited Warranty.

Seller only warrants to Buyer that the goods to be shipped hereunder will meet applicable Underwriter's Laboratory specifications. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IN LIEU OF ANY AND ALL OTHER WARRANTIES, WHETHER WRITTEN, ORAL OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE. SELLER HEREBY EXPRESSLY DISCLAIMS ANY OTHER WARRANTY OF ANY KIND, WHETHER WRITTEN, ORAL OR IMPLIED, THAT THE GOODS SHALL CONFORM WITH ANY SAMPLES FURNISHED BY SELLER OR BUYER, OR THAT THE GOODS SHALL NOT DISCOLOR OR THE TEXTURE OR FINISH OF THE GOODS SHALL NOT DETERIORATE AFTER SHIPMENT BY SELLER.

Solvent Weld Pipe Disclaimer for Both Standard and Non-Standard Products.

Because Allied cannot be assured that solvent weld pipe will be installed by persons fully acquainted with the proper installation techniques involved and the limitations upon such techniques caused by variations installation conditions, Allied DOES NOT WARRANT AND WILL NOT BE RESPONSIBLE OR LIABLE FOR ANY EXPENSES, DAMAGES, OR LOSSES WHATSOEVER CONNECTED WITH OR GROWING OUT OF OR CAUSED BY THE FAILURE OF ANY SOLVENT WELD JOINT OR BY DEFECTIVE SOLVENT USED IN MAKING ANY SUCH JOINT. This disclaimer does not apply to factory-made solvent welds.

Remedy.

If it appears within thirty (30) days from the date of receipt by Buyer or Buyer's agent that the goods shipped do not meet Seller's above express warranty and Buyer notifies Seller, in writing, within such period, Seller, at its option, will repair or replace such defective or non-conforming goods or return the purchase price paid therefore by Buyer.

THE LIABILITY OF SELLER TO BUYER ARISING OUT OF THE SALE OF GOODS OR THEIR USE, WHETHER ON WARRANTY, CONTRACT OR NEGLIGENCE IS LIMITED ONLY TO THE REPLACEMENT OR REPAIR OF DEFECTIVE GOODS OR RETURN OF THE PURCHASE PRICE, AS HEREIN PROVIDED. AND UPON THE EXPIRATION OF SAID THIRTY (30) DAY PERIOD ALL SUCH LIABILITY SHALL TERMINATE. THE FOREGOING SHALL CONSTITUTE THE SOLE REMEDY OF THE BUYER AND THE SOLE LIABILITY OF SELLER. IN NO EVENT SHALL THE SELLER BE LIABLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.

Buyer shall bear all cost of disassembly, shipment and re-installment of any defective, repaired or replaced goods and shall return to Seller only upon written authorization of Seller, all goods for which refund of purchase price is made.

ALLIED ELECTRICAL™ Group



Allied Electrical Conduit

Steel Conduit

- Rigid (GRC)
- IMC

Aluminum Conduit

- Rigid
- Aluminum Elbows
- Aluminum Couplings

Steel EMT

- True Color™ EMT
- Fire Alarm™
- Blue EMT
- E-Z Pull® EMT

Kwik Products

- Kwik-Fit® EMT (built-in set-screw coupling)
- Kwik-Couple® IMC/GRC (built-in 3 piece rotating coupling)
- Kwik-Fit® Compression EMT (built-in compression fitting)

PVC

- Rigid PVC
- Schedule - 40 & 80 Products
- EB/DB Duct
- Fittings, Spacers, & Accessories

AFC Cable Systems®

AC & MC Cable

- MC TUFF® Lightweight Steel (MC) Cable
- MC TUFF® IG (MC) Cable with Isolated Ground
- MC-Lite® Metal Clad Aluminum (MC) Cable
- HCF-90® & HCF-Lite®
- AC-90® & AC-Lite®
- Fire Alarm/Control Cable™
- Home Run Cable®
- Parking Deck/Lot Cable™
- Super Neutral Cable®

Flexible Conduit

- LIQUID-TUFF™ Liquid-Tight Flexible Conduit
- Full and Reduced Wall Flexible Metal Conduit

Fittings

- EMT Steel Compression & Set-Screw Fittings
- Liquid-Tight Metallic & Non-Metallic Fittings
- MC/AC Cable Connectors

AFC Accessories

- Lighting, Power, & Appliance Whips
- Temp-Lites®
- Bare Armored Ground

ACS/Uni-Fab

- Modular Lighting Systems
- Raised Floor Assemblies
- Pre-Fab Assemblies
- Custom Fabrication

Power-Strut® Framing Systems

Channel

- Steel Channel
- Aluminum Channel
- Stainless Steel Channel
- Fiberglass Channel
- Junior Strut

Fittings & Accessories

- Strut Brackets
- Strut Fittings
- Pipe Clamps
- Threaded Rods
- Fiberglass Fittings
- Junior Strut Fittings
- Concrete Inserts
- Power-Angle® Slotted Angles

Finishes

- Pre-Galvanized Channel
- Power-Green® Channel
- Hot-Dip Galv. Channel
- Power-Gold™ Channel

Cope® Cable Tray Systems

Aluminum Tray

- Aluminum Ladder Tray
- Aluminum Hat Tray
- Aluminum Trof Tray
- Aluminum Channel
- Aluminum Fittings

Steel Tray

- Steel Ladder Tray
- Steel Hat Tray
- Steel Trof Tray
- Steel Channel
- Steel Fittings

Fiberglass Tray

- Cope-glas™ Fiberglass Tray
- Fiberglass Fittings

Wire Basket

- CAT-TRAY™ Wire Basket
- CAT-TRAY™ Accessories

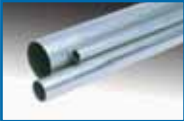
Center Hung Tray

- Centipede® Center Hung Tray
- Centipede® Accessories

Other Cope Products

- Cable Channel

Allied Tube & Conduit - Electrical Family of Innovative Products

• RIGID & IMC CONDUIT		• KWIK-FIT® EMT	
• ALUMINUM CONDUIT		• KWIK-COUPLE®	
• TRUE COLOR™ EMT		• KWIK-FIT® COMPRESSION EMT	
• E-Z PULL® EMT		• PVC CONDUIT & FITTINGS	

- **Allied Tube & Conduit - Electrical**
16100 S. Lathrop Avenue
Harvey, IL 60426
Tel. 800-882-5543
Fax 708-339-0615



Allied Tube & Conduit
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ALLIED ELECTRICAL™ Group

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