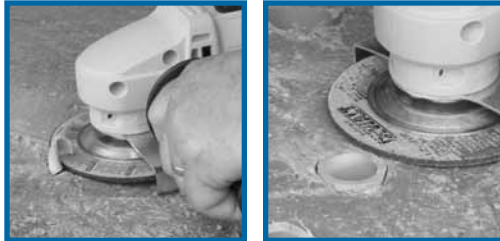


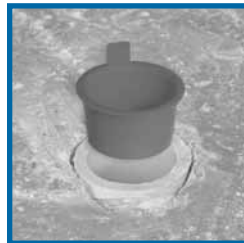
Elbows, Sweeps and Accessories

PVC Conduit Repair System Instructions

- 1** Cut broken conduit off flush.



- 2** Insert plug to keep conduit clean/dry through balance of rough-in. Once rough-in is complete, remove plug and **continue with Step 3**.



Alternative to Conduit Repairs:

Prior to concrete pour, measure and saw cut all conduit stub-ups to the thickness of the concrete pour. Insert plugs. Pour concrete flush to the conduit. When pour is complete, remove plugs and **proceed with Step 3**. This alternative method saves time/money by eliminating the need for transitions or use of metal elbows.

- 3** With reamer tool and standard ½" drill, ream I.D. of conduit. It is recommended to use a variable speed drill. Use slower speed to avoid overheating the conduit.



- 4** The guide will direct the cutter; the stop will touch when completed.



- 5** Insert the coupling and cement into place using the cement manufacturer's instructions.

Cementing Instructions:

- Clean socket I.D. and spigot O.D. of dirt and moisture.
- Apply a uniform coat of cement to spigot end and push onto socket bottom, rotating ¼ turn.
- Allow time to set before disturbing. This will depend upon temperature.



Apply a uniform coat of cement.



Insert fitting.



Rotate quarter turn.

Carlon® Rigid Non-Metallic Conduit (RNC) Fittings & Accessories

Carlon® Schedule 40 and Schedule 80 fittings are designed for use aboveground and underground as described in the National Electrical Code®.

- Ease of installation** — Non-metallic fittings are ¼ to ½ the weight of metallic systems, can be installed in less than half the time and are easily fabricated on the job.
- Safety** — Non-metallic fittings are nonconductive, assuring a safe system.
- Impact Resistant** — Schedule 40 and Schedule 80 non-metallic fittings are resistant to sunlight and are listed for exposed for outdoor usage. The use of expansion fittings allows the system to expand and contract with temperature variations.
- Corrosion Resistant** — Carlon® fittings are non-metallic and will not rust or corrode. Carlon® non-metallic Schedule 40 and Schedule 80 elbows are manufactured to NEMA TC-2, Federal specification WC1094A and UL 651 specifications. Fittings are manufactured to NEMA TC-3, Federal specification WC1094A and UL514B. Both conduit and fittings carry respective UL or ETL Listings and UL or ETL labels.

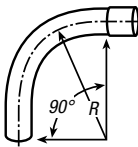
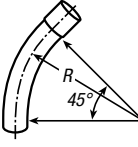
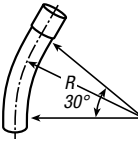
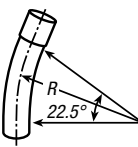
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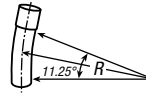
Elbows, Sweeps and Accessories

Schedule 40 Elbows — Standard Radius



Conduit & Fittings — Carlson® PVC Elbows, Conduit & Fittings

ITEM	PLAIN END	BELLED END	SIZE	PLAIN	BELLED	
	CAT. NO.	CAT. NO.		END	END	
			STD.	STD.	STD.	
			CTN.	CTN.	CTN.	
90° ELBOW 	UA9AD	UA9ADB	½	50	50	
	UA9ADR-CAR	UA9ADB	½	25	50	
	UA9AE	UA9AEB	¾	25	25	
	UA9AFR-CTN	UA9AFB-CTN	1	25	25	
	UA9AG	UA9AGB	1¼	20	20	
	UA9AH	UA9AHB	1½	25	25	
	UA9AJ	UA9AJB	2	20	20	
	UA9AK-CAR	UA9AKB-CAR	2½	10	10	
	UA9AL	UA9ALB	3	1	5	
	UA9AM	UA9AMB	3½	1	20	
	UA9AN	UA9ANB	4	1	1	
	UA9AP	UA9APB	5	1	1	
	UA9AR	UA9ARB	6	1	1	
	45° ELBOW 	UA7AD	UA7ADB	½	50	50
		UA7AE	UA7AEB	¾	25	25
UA7AF		UA7AFB	1	20	20	
UA7AF-CAR		UA7AFB	1	15	20	
UA7AG		UA7AGB	1¼	20	20	
UA7AH		UA7AHB	1½	20	20	
UA7AJ		UA7AJB	2	20	20	
UA7AJ-CAR		—	2	4	—	
UA7AK		UA7AKB	2½	20	20	
UA7AL		UA7ALB	3	5	25	
UA7AM		UA7AMB	3½	1	20	
UA7AN		UA7ANB	4	1	20	
UA7AP		UA7APB	5	1	1	
UA7AR		UA7ARB	6	1	1	
30° ELBOW 		UA6AD	UA6ADB	½	50	50
	UA6AE	UA6AEB	¾	25	25	
	UA6AF	UA6AFB	1	25	1	
	UA6AG	UA6AGB	1¼	20	20	
	UA6AH	UA6AHB	1½	25	1	
	UA6AJ	UA6AJB	2	20	20	
	UA6AK	UA6AKB	2½	10	20	
	UA6AL	UA6ALB	3	1	1	
	UA6AM	UA6AMB	3½	1	1	
	UA6AN	UA6ANB	4	1	1	
	UA6AP	UA6APB	5	1	1	
	UA6AR	UA6ARB	6	1	1	
	22½° ELBOW 	UA5AD	—	½	1	—
		UA5AE	—	¾	1	—
		UA5AF	—	1	1	—
UA5AG		—	1¼	1	—	
UA5AH		—	1½	1	—	
UA5AJ		UA5AJB	2	25	1	
UA5AK		—	2½	20	—	
UA5AL		UA5ALB	3	5	1	
UA5AM		—	3½	1	—	
UA5AN		UA5ANB	4	1	1	
UA5AP		UA5APB	5	1	1	
UA5AR		UA5ARB	6	1	1	

ITEM	PLAIN END	BELLED END	SIZE	PLAIN	BELLED
	CAT. NO.	CAT. NO.		END	END
			STD.	STD.	STD.
			CTN.	CTN.	CTN.
11¼° ELBOW 	UA3AD	—	½	1	—
	UA3AE	—	¾	1	—
	UA3AF	—	1	1	—
	UA3AG	—	1¼	1	—
	UA3AH	—	1½	1	—
	UA3AJ	—	2	1	—
	UA3AK	—	2½	1	—
	UA3AL	—	3	1	—
	UA3AM	—	3½	1	—
	UA3AN	UA3ANB	4	1	1
	UA3AP	—	5	1	—
	UA3AR	—	6	1	—

Available in plain and integral belled end for use with non-metallic solvent weld fittings.

Standard Radius Elbow Dimensions (per NEC®)

SIZE (IN.)	A (IN.)	B MINUS (RADIUS) (IN.)		C MIN. (IN.)
		MIN.	MAX.	
½	.840	4	1½	
¾	1.050	4½	1½	
1	1.315	5¾	1¾	
1¼	1.660	7¼	2	
1½	1.900	8¼	2	
2	2.375	9½	2	
2½	2.875	10½	3	
3	3.500	13	3½	
3½	4.000	15	3¼	
4	4.500	16	3¾	
5	5.563	24	3¾	
6	6.625	30	3¾	

Integral Belled End Dimensions

TRADE SIZE (IN.)	A (IN.) AT ENTRANCE		B (IN.) AT BOTTOM		C (IN.) SOCKET DEPTH	
	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
½	.860	.844	.844	.828	1.500	.652
¾	1.074	1.054	1.056	1.036	1.500	.719
1	1.340	1.320	1.320	1.300	1.875	.875
1¼	1.689	1.665	1.667	1.643	2.000	.938
1½	1.930	1.906	1.906	1.882	2.000	1.062
2	2.405	2.381	2.381	2.357	2.000	1.125
2½	2.905	2.875	2.883	2.853	3.000	1.469
3	3.530	3.500	3.507	3.477	3.125	1.594
3½	4.065	3.965	4.007	3.977	3.250	1.687
4	4.565	4.465	4.506	4.476	3.375	1.750
5	5.643	5.543	5.583	5.523	3.625	1.937
6	6.708	6.608	6.644	6.584	3.750	2.125

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