

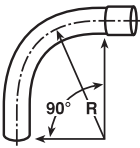
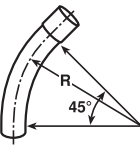
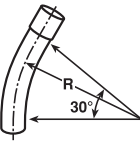
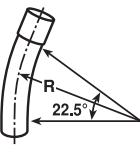


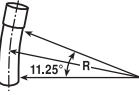
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Schedule 40 Elbows Standard Radius

ITEM	PLAIN END CAT. NO.	BELLED END CAT. NO.	SIZE (IN.)	PLAIN END STD. CTN.	BELLED END STD. 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	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 CAT. NO.	BELLED END CAT. NO.	SIZE (IN.)	PLAIN END STD. CTN.	BELLED END STD. CTN.
 11½° 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

SIZE (IN.)	A (IN.)	B MIN. (RADIUS) (IN.)	C MIN. (IN.)
½	.840	4	1½
¾	1.050	4½	1½
1	1.315	5½	1½
1¼	1.660	7½	2
1½	1.900	8½	2
2	2.375	9½	2
2½	2.875	10½	3
3	3.500	13	3½
3½	4.000	15	3½
4	4.500	16	3½
5	5.563	24	3½
6	6.625	30	3½

Integral Belled End Dimensions

TRADE SIZE (IN.)	A (IN.)		B (IN.)		C (IN.)	
	AT ENTRANCE MAX.	MIN.	AT BOTTOM MAX.	MIN.	SOCKET DEPTH MAX.	MIN.
½	.860	0.844	0.844	0.828	1.500	0.652
¾	1.074	1.054	1.056	1.036	1.500	0.719
1	1.340	1.320	1.320	1.300	1.875	0.875
1¼	1.689	1.665	1.667	1.643	2.000	0.938
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

Carlton® Non-Metallic Rigid Conduit, Fittings and Accessories

Corporate Office
Tel: 901.252.8000
800.816.7809
Fax: 901.252.1354

Customer Service
Tel: 800.816.7809
Fax: 800.816.7810

Technical Services
Tel: 888.862.3289
Fax: 901.252.1321

Tool Services
Tel: 800.284.8665

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Schedule 40 Elbows

Special Radius

*Consult factory for additional sizes/configurations

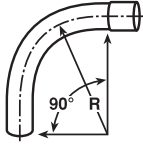


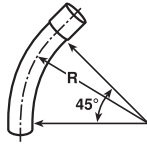
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Carlton® Non-Metallic Rigid Conduit, Fittings and Accessories

SEGMENT	PLAIN END CAT. NO.	BELLED END CAT. NO.	NOM. DIAM. (IN.)	RADIUS (IN.)	PLAIN END STD. CTN.	BELLED END STD. CTN.
90° ELBOW						
	UA9CF	UA9CFB	1	18	1	1
	UA9DF	UA9DFB	1	24	1	1
	UA9EF	UA9EFB	1	30	1	1
	UA9FF	—	1	36	1	—
	UA9HF	—	1	48	1	—
	UA9CG	UA9CGB	1¼	18	1	1
	UA9DG	UA9DGB	1¼	24	1	1
	UA9EG	UA9EGB	1¼	30	1	1
	UA9FG	UA9FGB	1¼	36	1	1
	UA9HG	—	1¼	48	1	—
	UA9CH	UA9CHB	1½	18	1	1
	UA9DH	UA9DHB	1½	24	1	1
	UA9EH	UA9EHB	1½	30	1	1
	UA9FH	UA9FHB	1½	36	1	1
	UA9HH	—	1½	48	1	—
	UA9CJ	UA9CJB	2	18	1	1
	UA9DJ	UA9DJB-UPC	2	24	1	1
	UA9EJ	UA9EJB	2	30	1	1
	UA9FJ-UPC	UA9FJB	2	36	1	1
	UA9HJ	UA9HJB	2	48	1	1
	UA9JJ	—	2	72	1	—
	UA9CK	UA9CKB	2½	18	1	1
	UA9DK	UA9DKB-UPC	2½	24	1	1
	UA9EK	UA9EKB	2½	30	1	1
	UA9FK-UPC	UA9FKB	2½	36	1	1
	UA9HK	UA9HKB	2½	48	1	1
	UA9CL	UA9CLB	3	18	1	1
	UA9DL	UA9DLB-UPC	3	24	1	1
	UA9EL	UA9ELB	3	30	1	1
	UA9FL	UA9FLB	3	36	1	1
	UA9HL	UA9HLB	3	48	1	1
	UA9IL	—	3	60	1	—
	UA9DM	UA9DMB	3½	24	1	1
	UA9EM	UA9EMB	3½	30	1	1
	UA9FM	UA9FMB	3½	36	1	1
	UA9HM	UA9HMB	3½	48	1	1
	—	UA9CNB	4	18	—	1
	UA9DN	UA9DNB	4	24	1	1
	UA9EN	UA9ENB	4	30	1	1
	UA9FN	UA9FNB	4	36	1	1
	UA9HN	UA9HNB	4	48	1	1
	UA9IN	UA9INB	4	60	1	1
	UA9JN	—	4	72	1	1
	UA9EP	UA9EPB	5	30	1	1
	UA9FP	UA9FPB	5	36	1	1
	UA9HP	UA9HPB	5	48	1	1
	UA9IP	UA9IPB	5	60	1	1
	UA9FR	UA9FRB	6	36	1	1
	UA9HR	UA9HRB	6	48	1	1
	UA9IR	UA9IRB	6	60	1	1
	—	UA9TRB	6	180	—	1
	UA9HT	—	8	48	1	1

SEGMENT	PLAIN END CAT. NO.	BELLED END CAT. NO.	NOM. DIAM. (IN.)	RADIUS (IN.)	PLAIN END STD. CTN.	BELLED END STD. CTN.
45° ELBOW						
	UA7CF	—	1	18	1	—
	UA7DF	—	1	24	1	—
	UA7EF	—	1	30	1	—
	UA7FF	—	1	36	1	—
	UA7HF	—	1	48	1	—
	UA7CG	—	1¼	18	1	—
	UA7DG	—	1¼	24	1	—
	UA7EG	—	1¼	30	1	—
	UA7FG	—	1¼	36	1	—
	UA7HG	—	1¼	48	1	—
	UA7CH	—	1½	18	1	—
	UA7DH	—	1½	24	1	—
	UA7EH	—	1½	30	1	—
	UA7FH	UA7FHB	1½	36	1	1
	UA7HH	—	1½	48	1	—
	—	UA7BJB	2	12	—	1
	UA7CJ	UA7CJB	2	18	1	1
	UA7DJ	UA7DJB	2	24	1	1
	UA7EJ	UA7EJB	2	30	1	1
	UA7FJ	UA7FJB	2	36	1	1
	UA7HJ	UA7HJB	2	48	1	1
	UA7SJ	—	2	150	1	—
	UA7CK	—	2½	18	1	—
	UA7DK	UA7DKB	2½	24	1	1
	UA7EK	—	2½	30	1	—
	UA7FK	UA7FKB	2½	36	1	1
	UA7HK	—	2½	48	1	—
	UA7CL	UA7CLB	3	18	1	1
	UA7DL	UA7DLB	3	24	1	1
	UA7EL	UA7ELB	3	30	1	1
	UA7FL	UA7FLB	3	36	1	1
	UA7HL	UA7HLB	3	48	1	1
	UA7DM	—	3½	24	1	—
	UA7EM	—	3½	30	1	—
	UA7FM	—	3½	36	1	—
	UA7DN	UA7DNB	4	24	1	1
	UA7EN	UA7ENB	4	30	1	1
	UA7FN	UA7FNB	4	36	1	1
	UA7HN	UA7HNB	4	48	1	1
	—	UA7NNB	4	120	—	1
	UA7SN	UA7SNB	4	150	1	—
	UA7EP	UA7EPB	5	30	1	1
	UA7FP	UA7FPB	5	36	1	1
	UA7HP	UA7HPB	5	48	1	1
	—	UA7IPB	5	60	—	1
	—	UA7NPB	5	120	—	1
	—	UA7SPB	5	150	—	1
	UA7FR	UA7FRB	6	36	1	1
	UA7HR	UA7HRB	6	48	1	1
	UA7FT	—	8	36	1	—
	UA7HT	—	8	48	1	—

NOTE: Elbows 72" and larger may be shipped in segments. Consult factory for specifics.



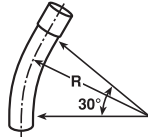
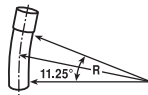
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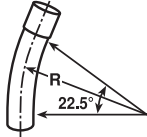


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Schedule 40 Elbows Special Radius

*Consult factory for additional sizes/configurations

SEGMENT	PLAIN END CAT. NO.	BELLED END CAT. NO.	NOM. DIAM. (IN.)	RADIUS (IN.)	PLAIN END STD. CTN.	BELLED END STD. CTN.
30° ELBOW 	UA6CJ	—	2	18	1	—
	UA6DJ	UA6DJB	2	24	1	1
	UA6FJ	UA6FJB	2	36	1	1
	UA6HJ	UA6HJB	2	48	1	1
	UA6CK	—	2½	18	1	—
	UA6DK	—	2½	24	1	—
	UA6CL	—	3	18	1	—
	UA6DL	UA6DLB	3	24	1	1
	UA6FL	UA6FLB	3	36	1	1
	UA6HL	UA6HLB	3	48	1	1
	UA6DM	—	3½	24	1	—
	UA6FM	—	3½	36	1	—
	UA6HM	—	3½	48	1	—
	UA6DN	—	4	24	1	—
	UA6FN	UA6FNB	4	36	1	1
	UA6HN	UA6HNB	4	48	1	1
	UA6FP	UA6FPB	5	36	1	1
	UA6HP	UA6HPB	5	48	1	1
	UA6FR	UA6FRB	6	36	1	1
	UA6HR	UA6HRB	6	48	1	1
11¼° ELBOW 	UA3DJ	UA3DJB	2	24	1	25
	UA3FJ	UA3FJB	2	36	1	1
	UA3HJ	—	2	48	1	—
	UA3HK	—	2½	48	1	—
	UA3DL	UA3DLB	3	24	1	1
	UA3FL	UA3FLB	3	36	1	1
	UA3HL	—	3	48	1	—
	UA3DM	—	3½	24	1	—
	UA3HM	—	3½	48	1	—
	UA3DN	UA3DNB	4	24	1	1
	UA3FN	UA3FNB	4	36	1	1
	—	UA3SNB	4	150	—	1
	UA3HN	UA3HNB	4	48	1	1
	UA3FP	UA3FPB	5	36	1	1
	UA3HP	—	5	48	1	—
	—	UA3UPB	5	240	—	1
	UA3FR	UA3FRB	6	36	1	1
	UA3HR	—	6	48	1	—
	UA3FT	—	8	36	1	—

SEGMENT	PLAIN END CAT. NO.	BELLED END CAT. NO.	NOM. DIAM. (IN.)	RADIUS (IN.)	PLAIN END STD. CTN.	BELLED END STD. CTN.
22½° ELBOW 	UA5FF	—	1	36	1	—
	UA5FG	—	1¼	36	1	—
	UA5FH	UA5FHB	1½	36	1	1
	UA5CJ	UA5CJB	2	18	1	1
	UA5DJ	UA5DJB	2	24	1	25
	UA5EJ	UA5EJB	2	30	1	1
	UA5FJ	UA5FJB	2	36	1	1
	UA5HJ	—	2	48	1	—
	UA5VJ	—	2	300	1	—
	UA5CK	—	2½	18	1	—
	UA5DK	—	2½	24	1	—
	UA5EK	—	2½	30	1	—
	UA5FK	—	2½	36	1	—
	UA5HK	—	2½	48	1	—
	—	UA5CLB	3	18	1	1
	UA5DL	UA5DLB	3	24	1	1
	UA5EL	UA5ELB	3	30	1	1
	UA5FL	UA5FLB	3	36	1	1
	UA5HL	—	3	48	1	—
	UA5VL	—	3	300	1	—
	UA5DM	—	3½	24	1	—
	UA5EM	—	3½	30	1	—
	UA5FM	—	3½	36	1	—
	UA5HM	—	3½	48	1	—
	UA5DN	UA5DNB	4	24	1	1
	UA5EN	UA5ENB	4	30	1	1
	UA5FN	UA5FNB	4	36	1	1
	UA5HN	UA5HNB	4	48	1	—
	UA5IN	—	4	60	1	—
	UA5JN	—	4	72	1	—
	UA5SN	UA5SNB	4	150	1	—
	—	UA5UNB	4	240	—	1
	—	UA5VNB	4	300	—	1
	—	UA5DPB	5	24	1	1
	UA5EP	UA5EPB	5	30	1	1
	UA5FP	UA5FPB	5	36	1	1
UA5HP	UA5HPB	5	48	1	1	
UA5IP	—	5	60	1	—	
UA5SP	—	5	150	1	—	
—	UA5UPB	5	240	—	1	
—	UA5VPB	5	300	—	1	
UA5FR	UA5FRB	6	36	1	1	
UA5HR	UA5HRB	6	48	1	1	
UA5IR	—	6	60	1	—	
UA5RR	—	6	144	1	—	
UA5SR	—	6	150	1	—	
UA5VR	—	6	300	1	—	
UA5FT	—	8	36	1	—	
UA5HT	—	8	48	1	—	

NOTE: Elbows 72" and larger may be shipped in segments. Consult factory for specifics.

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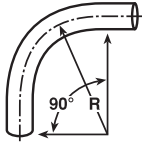
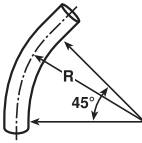
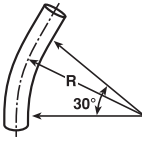
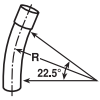
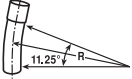
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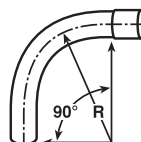
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Schedule 80 Elbows Standard Radius

For use with non-metallic solvent weld fittings.

ITEM	PLAIN END CAT. NO.	BELLED END CAT. NO.	SIZE (IN.)	PLAIN END STD. CTN.	BELLED END STD. CTN.
 90° ELBOW	UB9AD	—	½	50	—
	UB9AE	—	¾	25	—
	UB9AF	—	1	25	—
	UB9AG	—	1¼	20	—
	UB9AH	—	1½	25	—
	UB9AJ	—	2	20	—
	UB9AK	—	2½	10	—
	UB9AL	—	3	5	—
	UB9AN	—	4	1	—
	UB9AP	UB9APB	5	1	1
	UB9AR	—	6	1	—
	 45° ELBOW	UB7AD	—	½	50
UB7AE-UPC		—	¾	25	—
UB7AF-UPC		—	1	20	—
UB7AG		—	1¼	20	—
UB7AH		—	1½	20	—
UB7AH-CAR		—	1½	5	—
UB7AJ-UPC		—	2	20	—
UB7AK		—	2½	20	—
UB7AL		—	3	1	—
UB7AN		—	4	1	—
UB7AP		UB7APB	5	1	1
UB7AR		—	6	1	—
 30° ELBOW	UB6AD	—	½	50	—
	UB6AE	—	¾	25	—
	UB6AF	—	1	25	—
	UB6AG	—	1¼	5	—
	UB6AH	—	1½	25	—
	UB6AJ	—	2	20	—
	UB6AK	—	2½	1	—
	UB6AL	—	3	1	—
	UB6AN	—	4	1	—
	UB6AP	—	5	1	—
	UB6AR	—	6	1	—
	 22½° ELBOW	UB5AL	—	3	5
UB5AN		—	4	1	—
UB5AP		UB5APB	5	1	1
 11¼° ELBOW	UB3AL	—	3	1	—
	UB3AR	—	6	1	—

Special Radius

SEGMENT	PLAIN END CAT. NO.	BELLED END CAT. NO.	NOM. DIAM. (IN.)	RADIUS (IN.)	PLAIN END STD. CTN.	BELLED END STD. CTN.
 90° ELBOW	UB9CF	—	1	18	1	—
	UB9DF	—	1	24	1	—
	UB9FF	—	1	36	1	—
	UB9HF	—	1	48	1	—
	UB9CG	—	1¼	18	1	—
	UB9DG	—	1¼	24	1	—
	UB9FG	—	1¼	36	1	—
	UB9HG	—	1¼	48	1	—
	UB9CH	—	1½	18	1	—
	UB9DH-UPC	UB9DHB	1½	24	1	1
	UB9FH	—	1½	36	1	—
	UB9HH	—	1½	48	1	—
	UB9CJ	—	2	18	1	—
	UB9DJ-UPC	UB9DJB	2	24	1	1
	UB9FJ	UB9FJB	2	36	1	1
	UB9HJ	—	2	48	1	—
	UB9CK	—	2½	18	1	—
	UB9DK-UPC	UB9DKB	2½	24	1	1
	UB9FK	UB9FKB	2½	36	1	1
	UB9HK	—	2½	48	1	—
	UB9CL	—	3	18	1	—
	UB9DL	UB9DLB	3	24	1	1
	UB9FL	UB9FLB	3	36	1	1
	UB9HL	—	3	48	1	—
	UB9DN	UB9DNB	4	24	1	1
	UB9FN	UB9FNB	4	36	1	1
	UB9HN	UB9HNB	4	48	1	1
	UB9NN	—	4	120	1	—
UB9FP	—	5	36	1	—	
UB9HP	—	5	48	1	—	
UB9IP	—	5	60	1	—	
UB9FR	—	6	36	1	—	
UB9HR	—	6	48	1	—	
UB9IR	—	6	60	1	—	

NOTE: Elbows 72" and larger may be shipped in segments. Consult factory for specifics.

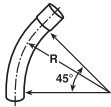
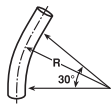
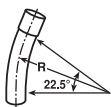
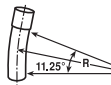
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Schedule 80 Elbows

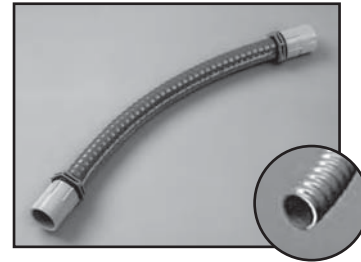
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Special Radius

SEGMENT	PLAIN END CAT. NO.	BELLED END CAT. NO.	NOM. DIAM. (IN.)	RADIUS (IN.)	PLAIN END STD. CTN.	BELLED END STD. CTN.
45° ELBOW 	UB7CF	—	1	18	1	—
	UB7DF	—	1	24	1	—
	UB7FF	—	1	36	1	—
	UB7HF	—	1	48	1	—
	UB7DG	—	1 1/4	24	1	—
	UB7FG	—	1 1/4	36	1	—
	UB7HG	—	1 1/4	48	1	—
	UB7CH	—	1 1/2	18	1	—
	UB7DH	UB7DHB	1 1/2	24	1	1
	UB7FH	—	1 1/2	36	1	—
	UB7HH	—	1 1/2	48	1	—
	UB7CJ	—	2	18	1	—
	UB7DJ	UB7DJB	2	24	1	1
	UB7FJ	UB7FJB	2	36	1	1
	UB7HJ	—	2	48	1	—
	UB7DK	UB7DKB	2 1/2	24	1	1
	UB7FK	—	2 1/2	36	1	—
	UB7HK	—	2 1/2	48	1	—
	UB7CL	—	3	18	1	—
	UB7DL	UB7DLB	3	24	1	1
	UB7FL	UB7FLB	3	36	1	1
	UB7HL	—	3	48	1	—
	UB7DN	UB7DNB	4	24	1	1
	UB7FN	UB7FNB	4	36	1	1
	UB7HN	—	4	48	1	—
	UB7FP	—	5	36	1	—
	UB7HP	—	5	48	1	—
	UB7FR	—	6	36	1	—
UB7HR	—	6	48	1	—	
UB7IR	—	6	60	1	—	
30° ELBOW 	UB6FN	—	4	36	1	—
	UB6FR	—	6	36	1	—
22 1/2° ELBOW 	—	UB5DHB	1 1/2	24	—	20
	—	UB5DJB	2	24	—	20
	—	UB5FJB	2	36	—	25
	—	UB5DKB	2 1/2	24	—	15
	UB5DL	UB5DLB	3	24	1	10
	—	UB5FLB	3	36	—	1
	UB5DN	UB5DNB	4	24	1	5
	—	UB5FNB	4	36	—	1
11 1/2° ELBOW 	UB5FP	—	5	36	1	—
	UB3FP	—	5	36	1	—

NOTE: Elbows 72" and larger may be shipped in segments. Consult factory for specifics.

Flexible PVC Elbows



- UL Listed for exposed and direct burial applications in accordance with Article 356 of the NEC®
- 0°–90° bending and offset applications
- O-ring seal for moisture-tight connections
- Maintains round shape throughout bend
- Sunlight resistant
- Non-corrosive — all PVC and Neoprene material
- Fully assembled and ready to use

CAT. NO.	SIZE (IN.)	STD. CTN.	STD. WT. (LBS.)	LENGTH FULLY ASSEMBLED (IN.)
UAFAD	1/2	8	1.6	8.5
UFAFE	3/4	6	1.9	9.6
UFAFF	1	6	2.4	11.9



ETL Listed to UL 651 in compliance to the NEC®



LISTED E23018

Carlton® Non-Metallic Rigid Conduit, Fittings and Accessories

Corporate Office
Tel: 901.252.8000
800.816.7809
Fax: 901.252.1354

Customer Service
Tel: 800.816.7809
Fax: 800.816.7810

Technical Services
Tel: 888.862.3289
Fax: 901.252.1321

Tool Services
Tel: 800.284.8665

Thomas & Betts

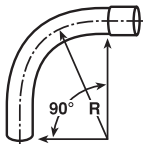
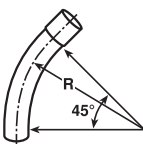
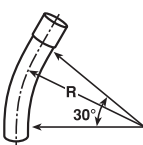
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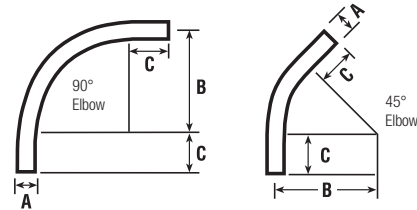
Canadian Schedule 40 Elbows Standard Radius



LR90813

ITEM	BELLED END CAT. NO.	BELLED END SIZE (IN.)	STD. CTN.
90° ELBOW 	UA9ADCB-CTN	½	40
	UA9AECB-CTN	¾	25
	UA9AFCB-CTN	1	25
	UA9AGCB-UPC	1¼	20
	UA9AHC B-UPC	1½	25
	UA9AJCB-UPC	2	20
	UA9AKCB-CTN	2½	10
	UA9ALCB-UPC	3	25
	UA9AMCB	3½	1
	UA9ANCB	4	1
	UA9APCB	5	1
	UA9ARCB	6	1
	45° ELBOW 	UA7AGCB	1¼
UA7AHC B		1½	20
UA7AJCB		2	20
UA7AKCB		2½	1
UA7ALCB		3	5
UA7AMCB		3½	1
UA7ANCB		4	1
30° ELBOW 	UA6AJCB	2	20
	UA6ANCB	4	1
	UA6ARCB	6	1

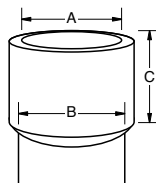
Standard Radius Elbow Dimensions



SIZE (IN.)	A (IN.)	B MIN. (RADIUS) (IN.)	C MIN. (IN.)
½	.840	4	1½
¾	1.050	4½	1½
1	1.315	5¼	1½
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	3½
4	4.500	16	3½
5	5.563	24	3½
6	6.625	30	3½

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

Integral Belled End Dimensions



TRADE SIZE (IN.)	A AT ENTRANCE		B AT BOTTOM		C SOCKET DEPTH	
	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
½	.860	0.844	0.844	0.828	1.500	0.652
¾	1.074	1.054	1.056	1.036	1.500	0.719
1	1.340	1.320	1.320	1.300	1.875	0.875
1¼	1.689	1.665	1.667	1.643	2.000	0.938
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

Rigid Non-Metallic Conduit Fittings (for use with Schedule 40 & 80 Conduit)



Expansion Fittings

E945 series expansion fittings are designed to compensate for length changes due to temperature variations in exposed conduit runs.

- Exclusive molded-in mid-point indicator on the piston
- Exclusive 2" expansion fitting with an 8" travel distance
- Two-piece molded design with lubricated seals for easier movement for the life of the product
- Ridges on the fitting for easier installation (sizes 2"-6" only)
- Male terminal adapter end design (½"-2" NPT Threads, and 2½"-6" NPSC threads)
- Two O-rings to prevent leakage
- Can be installed vertically or horizontally



COUPLING END CAT. NO.	MALE TERMINAL ADAPTER END CAT. NO.	SIZE (IN.)	STD. CTN.	TRAVEL LENGTH (IN.)
E945D	E945DX	½	20	4
E945E	E945EX	¾	15	4
E945F	E945FX	1	10	4
E945G	E945GX	1¼	5	4
E945H	E945HX	1½	5	4
E945J	E945JX	2	15	8
E945K	E945KX	2½	10	8
E945L	E945LX	3	10	8
E945M	E945MX	3½	5	8
E945N	E945NX	4	5	8
E945P	E945PX	5	1	8
E945R	E945RX	6	1	8

Short Expansion Couplings

Expand to a maximum of 2".

CAT. NO.	SIZE (IN.)	STD. CTN.
E955D	½	40
E955E	¾	40
E955F	1	25
E955G	1¼	15
E955H	1½	10
E955J	2	6

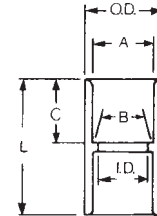


Couplings Standard Couplings

All socket fittings should be attached using Carlton® solvent cement.



Socket type for joining non-metallic conduit.



Except where noted by ▶

CAT. NO.	SIZE (IN.)	STD. CTN.	TYPICAL (IN.)		I.D. (IN.)	O.D. (IN.)	TYPICAL (IN.)	
			A	B			C	L
E940D	½	150	.852	.836	.728	1¼	1¼	1½
▶ CE940DR-CTN	½	75	.852	.836	.728	1¼	1¼	1½
E940E	¾	100	1.064	1.046	.840	1¾	¾	1¾
▶ CE940ER-CTN	¾	45	1.064	1.046	.840	1¾	¾	1¾
E940F	1	50	1.330	1.310	1.210	1¾	1½	2
▶ CE940F-UPC	1	50	1.330	1.310	1.210	1¾	1½	2
E940G	1¼	30	1.677	1.655	1.535	1¾	1	2½
E940H	1½	25	1.918	1.894	1.755	2¾	1¾	2¾
E940J	2	30	2.393	2.369	2.190	2¾	1¾	2½
E940K	2½	20	2.890	2.868	2.688	3¾	1¾	3¾
E940L	3	25	3.515	3.492	3.375	3¾	1¾	3¾
E940M	3½	20	4.015	3.992	3.780	4¾	1¾	3¾
E940N	4	15	4.515	4.491	4.265	5¾	1¾	3¾
E940P	5	8	5.593	5.553	5.097	6¾	1¾	4¾
E940R	6	5	6.658	6.614	6.115	7¾	2¾	4¾

▶ Canada only

Special Long Line Couplings



Long Line Couplings

CAT. NO.	SIZE (IN.)	STD. CTN.	STD. WT. (LBS.)	LENGTH (IN.)
E941H	1½	40	9	3.19
E941J	2	25	8	3.59
E941K	2½	15	8	4.29
E941L	3	15	14	6.44
E941N	4	10	15	6.96
E941PF	5	4	12	9.63
▶ E941RF	6	5	21	11.75

Fabricated Expansion Couplings



CAT. NO.	SIZE (IN.)	STD. CTN.	TRAVEL LENGTH (IN.)
E945KXL	2½	10	12

Non-Metallic Rigid Conduit, Fittings and Accessories

Rigid Non-Metallic Conduit Fittings (for use with Schedule 40 & 80 Conduit)

Couplings

Special Long Line Couplings —
Sleeve Couplings

Sleeve Coupling
(For Repair Work)
No Internal Stop



CAT. NO.	SIZE (IN.)	STD. CTN.	STD. WT. (LBS.)	LENGTH (IN.)
▶ E948H	1½	25	6	4
▶ E948J	2	25	5	3
▶ E948K	2½	25	16	6
▶ E948L	3	25	13	4
▶ E948N	4	10	8	6.5
▶ E948P	5	14	33	7
▶ E948R	6	6	16	6
▶ E948JR	2	15	8	6
▶ E948JS	2 (Sch. 40 Split Duct)	25	6	—
▶ E948KS7	2½ (Sch. 40 Split Duct)	25	19	7
▶ E948L12	3	1	1	12
▶ E948L6	3	15	15	6
▶ E948LS	3 (Sch. 40 Split Duct)	25	17	—
▶ E948N12	4	10	28	12
▶ E948N7	4	15	25	7
▶ E948NS	4 (Sch. 40 Split Duct)	10	15	—
▶ E948PS	5 (Sch. 40 Split Duct)	1	2	—
▶ E948R10	6	6	25	10
▶ E948R12	6	6	25	12
▶ E948RS	6 (Sch. 40 Split Duct)	1	2	—

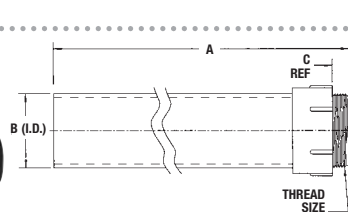
Special Schedule 40 Swedge Couplings

CAT. NO.	SIZE (IN.)	STD. CTN.	STD. WT. (LBS.)
▶ E442K	2½	20	13
▶ E442R	6	6	27
▶ E442T	8	2	17

*Consult factory for additional sizes



Risers Schedule 40



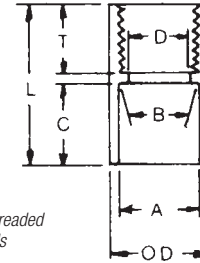
CAT. NO.	SIZE (IN.)	A (IN.) (LENGTH)	B (IN.)	C (IN.)	THREAD SIZE (IN.)	STD. CTN.	STD. WT. (LBS.)
▶ E954HX	1½	80.00	1.567	.950	1½ NPT	1	3.8
▶ E954J	2	60.00	2.024	.825	2 NPT	1	3.7
▶ E954JX	2	80.00	2.024	.825	2 NPT	1	5.0
▶ E954K	2½	60.00	2.418	.812	2½ NPSC	1	6.0
▶ E954KX	2½	80.00	2.418	.812	2½ NPSC	1	8.4
▶ E954L	3	60.00	3.012	.798	3 NPSC	1	8.7
▶ E954LX	3	80.00	3.012	.798	3 NPSC	1	11.0

Adapters

Female Adapters



Except where noted by ▶



For adapting non-metallic conduits to threaded fittings, metallic systems. Female threads on one end, socket end on other.

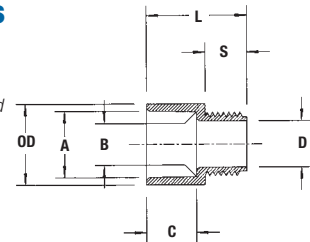
CAT. NO.	SIZE (IN.)	STD. CTN.	TYPICAL (IN.)		MIN. D (IN.)	MAX. OD (IN.)	TYPICAL (IN.)		
			A	B			C	T	L
E942D	½	150	.852	.836	.620	1¼	1¼	¾	1¼
E942E	¾	100	1.064	1.046	.822	1½	1½	¾	1½
E942F	1	50	1.330	1.310	1.046	1¾	1¾	¾	1¾
E942G	1¼	30	1.677	1.655	1.377	2¼	1	¾	2
E942H	1½	25	1.918	1.894	1.607	2½	1½	¾	2½
E942J	2	30	2.393	2.369	2.064	2¾	1¾	1	2¾
E942K	2½	20	2.890	2.868	2.450	3½	1¾	1½	2¾
E942L	3	25	3.515	3.492	3.000	3¾	1¾	1½	3½
E942M	3½	20	4.015	3.992	3.500	4½	1¾	1½	3½
E942N	4	15	4.515	4.491	4.000	5¼	1¾	1½	3¾
▶ E942NX9*	4	15	(Call for information)						
E942P	5	8	5.593	5.553	5.047	6¼	1¾	1½	3¾
E942R	6	6	6.658	6.614	6.055	7¼	2½	1¾	3¾
▶ E942RX*	6	6	(Call for information)						

* Long Line Adapter

Male Terminal Adapters



For adapting non-metallic conduits to boxes, threaded fittings, metallic systems. Male threads on one end, socket end on other.



CAT. NO.	SIZE (IN.)	STD. CTN.	TYPICAL (IN.)		MIN. D (IN.)	MAX. OD (IN.)	TYPICAL (IN.)		
			A	B			C	S	L
E943D	½	150	.852	.836	.594	1.042	.652	.545	1.310
E943E	¾	125	1.064	1.046	.793	1.290	.809	.553	1.470
E943F	1	50	1.330	1.310	1.025	1.580	.965	.812	1.902
E943G	1¼	50	1.677	1.655	1.345	1.973	1.208	.816	1.986
E943H	1½	25	1.918	1.894	1.574	2.188	1.155	.802	2.105
E943J	2	50	2.393	2.369	1.998	2.713	1.145	.825	2.093
E943K	2½	25	2.890	2.868	2.400	3.290	1.490	.812	2.480
E943L	3	45	3.515	3.492	2.989	3.965	1.643	.797	2.660
E943M	3½	30	4.015	3.992	3.405	4.515	1.720	.802	2.740
E943N	4	20	4.515	4.491	3.895	5.065	1.788	.733	2.830
E943P	5	5	5.593	5.553	4.900	6.104	1.935	.990	3.200
E943R	6	10	6.658	6.614	5.900	7.288	2.128	.985	3.410

Rigid Non-Metallic Conduit Fittings (for use with Schedule 40 & 80 Conduit)

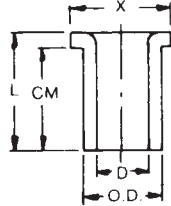


Adapters

Box Adapters for Enclosures



Adapts non-metallic conduit to all electrical enclosures by inserting adapter through knockout and cementing into Carlton couplings.



CAT. NO.	SIZE (IN.)	STD. CTN.	MIN D (IN.)	OD (IN.) TYPICAL	MAX X (IN.)	CM (IN.) TYPICAL	L (IN.) TYPICAL
E996D	1/2	100	.662	.840	1 1/4	2 1/2	2 1/2
E996E	3/4	100	.824	1.050	1 21/64	2 5/32	2 9/32
E996F	1	100	1.049	1.315	1 1/2	2 3/4	2 1/2
E996G	1 1/4	50	1.380	1.660	1 3/8	1 1/2	1 1/4
E996H	1 1/2	50	1.610	1.900	2 1/8	1 1/2	1 1/2
E996J	2	25	2.067	2.375	2 1/2	1 1/4	1 1/4
E996K	2 1/2	15	2.469	2.875	3 1/8	1 1/2	1 1/4
E996L	3	20	3.068	3.500	4 1/2	2	2 1/4
E996N	4	10	4.026	4.500	5 1/2	2 1/2	2 1/4

Threaded Adapters

CAT. NO.	SIZE (IN.)	STD. CTN.
E9842D ¹	1/2	25
E9842E ²	3/4	25

¹ Fits 3/4" sockets
² Fits 1" sockets

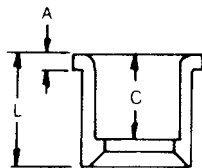


Reducers

Reducer Bushings



For connecting different sizes of conduit.
Bell x Spigot.



CAT. NO.	SIZE (IN.)	STD. CTN.	L (IN.) TYPICAL	A (IN.) TYPICAL	C (IN.) TYPICAL
E950ED	3/4 x 1/2	100	1 1/2	1 3/4	1 1/2
E950FD-CAR	1 x 1/2	25	1 1/2	3/4	5/8
E950FE	1 x 3/4	100	1 1/2	3/4	1 1/4
E950GE-CAR	1 1/4 x 3/4	10	1 1/2	3/4	1 1/4
E950GF	1 1/4 x 1	50	1 1/2	3/4	1 1/4
E950HF-CAR	1 1/2 x 1	10	1 1/2	3/4	1 1/4
E950HG-CAR	1 1/2 x 1 1/4	10	1 1/2	3/4	1 1/4
E950JG-CAR	2 x 1 1/4	10	1 3/4	7/8	1 1/4
E950JH-CAR	2 x 1 1/2	10	1 3/4	7/8	1 5/8
E950KJ-CAR	2 1/2 x 2	10	2 1/2	3/4	1 7/8
E950LJ-CAR	3 x 2	10	2 3/4	1	1 1/2
E950LK	3 x 2 1/2	25	1 1/2	1/4	1 1/8
E950NL	4 x 3	25	2 3/4	5/8	1 15/16

Plugs

Reducer Plugs

CAT. NO.	SIZE (IN.)	STD. CTN.	STD. WT. (LBS.)
E971C	3/4 x 1/2	100	2
E971D	1 x 3/4	100	3



Plugs (Polyethylene)

CAT. NO.	SIZE (IN.)	STD. CTN.	STD. WT. (LBS.)
P258H	1 1/2	50	2
P258K	2 1/2	25	1.5



Plugs with Pull Tabs (Polyethylene)

CAT. NO.	SIZE (IN.)	STD. CTN.	STD. WT. (LBS.)
P258JT	2	60	3
P258LT	3	30	3
P258NT	4	48	8
P258PT	5	30	6
P258RT	6	30	9



Fabricated Reducers



CAT. NO.	SIZE (IN.)	STD. CTN.	STD. WT. (LBS.)
Male x Male			
E952JH	1 1/2 x 2	48	20
E952KJ	2 1/2 x 2	48	26
E952LJ	3 x 2	36	21
E952LK	3 x 2 1/2	36	32
E952NL	4 x 3	15	21
E952NM	4 x 3 1/2	15	25
E952PN	5 x 4	12	27
E952RP	6 x 5	10	31
Male x Female			
E952NJF	4 x 2	15	16
E952RNF	6 x 4	10	28

SP® LR31146
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Except where noted by ▶

Carlton® Non-Metallic Rigid Conduit, Fittings and Accessories

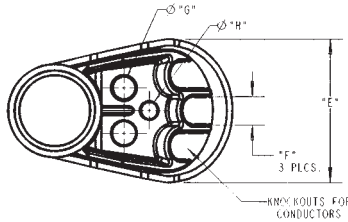
Carlton®

Rigid Non-Metallic Conduit Fittings (for use with Schedule 40 & 80 Conduit)

Caps Service Entrance Caps



UL US
LISTED
E13938



CAT. NO.	SIZE (IN.)	STD. CTN.	DIMENSIONS (IN.)			
			E	F	G	H
E998D	½	5	1.76	.45	.45	—
E998E	¾	20	1.76	.45	.45	—
E998E-CAR	¾	5	1.76	.45	.45	—
E998F	1	15	2.26	.59	.58	—
E998F-CAR	1	5	2.26	.59	.58	—
E998G-CAR	1¼	5	3.52	.74	.71	.50
E998H-CAR	1½	5	3.52	.74	.71	.50
E998J-CAR	2	5	4.26	.83	.78	.56
E998K-UPC	2½	2	7.47	1.70	1.31	1.00
E998L	3	2	7.47	1.70	1.31	1.00
E998N	4	2	10.45	2.25	1.88	1.31

End Caps

CAT. NO.	SIZE (IN.)	STD. CTN.	STD. WT. (LBS.)
▶ E958D	½	100	3
▶ E958E	¾	100	4
▶ E958F	1	75	5
▶ E958G	1¼	40	4
▶ E958H	1½	30	4
▶ E958J	2	25	5
▶ E958K	2½	10	4
▶ E958L	3	10	5
▶ E958N	4	5	17
▶ E958P	5	5	11
▶ E958R	6	5	13



PVC Riser Caps

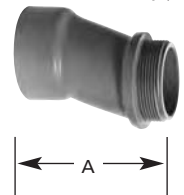
CAT. NO.	SIZE (IN.)	STD. CTN.	STD. WT. (LBS.)
▶ E935J	2	25	3
▶ E935L	3	25	5
▶ E935N	4	25	7
▶ E935P	5	25	35
▶ E935R	6	10	7



Offsets Meter Offset

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CAT. NO.	SIZE (IN.)	STD. CTN.	OFFSET (IN.)	A (IN.)
▶ E995G	1¼	15	0.758	4.230
▶ E995J	2	8	0.684	4.270

Offset

CAT. NO.	SIZE (IN.)	OFFSET (IN.)	STD. CTN.	STD. WT. (LBS.)
▶ E994D	½	.250	25	3
▶ E994E	¾	.250	25	3
▶ E994F	1	.500	50	12



End Bells End Bells

CAT. NO.	SIZE (IN.)	STD. CTN.	STD. WT. (LBS.)
E997F	1	50	2.6
E997G	1¼	35	2.5
E997H	1½	30	2.5
E997J	2	40	5.0
E997K	2½	30	2
E997L	3	50	10
E997M	3½	40	11
E997N	4	30	16
▶ E997P	5	15	8
▶ E997R	6	10	7
▶ E997T	8	3	15



Fabricated End Bells (Schedule 40)

CAT. NO.	SIZE (IN.)	STD. CTN.	STD. WT. (LBS.)
▶ E949J5	2 x 5	50	10
▶ E949J6	2 x 6	25	12
▶ E949JN	2 x 4	25	7
▶ E949JX	2 x 8	12	7
▶ E949LR	3 x 6	20	21
▶ E949N5	4 x 5	20	2
▶ E949NR	4 x 6	15	21
▶ E949R5	6 x 5	12	27
▶ E949RX	6 x 8	6	17



Carlton® Non-Metallic Rigid Conduit, Fittings and Accessories

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