

PVC

Heavy Wall Conduit PVC Rigid Electrical Conduit Schedule 40



Conforms to UL Standard 651
and NEMA Standard TC-2



1. SCH 40 conduit is rated for 90 C Conductors Per UL 651.
2. SCH 40 is sunlight resistant per UL 651.
3. SCH 40 conduit is provided in 10' total length, with 20' total length available.
4. All conduit is provided with one end belled standard. Plain-ended conduit may be available.
5. Conduit color is gray, except where noted.
6. 8" SCH 40 is not UL listed.

Size	Avg. OD	Avg. ID	Min. Wall	Weight lb/100'	10' length Item No.	Lift Size	20' Length Item No.	Lift Size
1/2"	.840	.60	.109	16	PVC40050	6,000	N/A	N/A
3/4"	1.050	.80	.113	21	PVC40075	4,400	PVC400751	8,800
1"	1.315	1.03	.133	32	PVC40100	3,600	PVC40101	7,200
1 1/4"	1.660	1.36	.140	46	PVC40125	3,300	PVC401251	6,600
1 1/2"	1.900	1.59	.145	55	PVC40150	2,250	PVC401501	4,500
2"	2.375	2.04	.154	73	PVC40200	1,400	PVC40201	2,800
2 1/2"	2.875	2.44	.203	116	PVC40250	930	PVC40251	1,860
3"	3.500	3.03	.216	166	PVC40300	880	PVC40301	2,000
3 1/2"	4.000	3.51	.226	199	PVC40350	630	N/A	N/A
4"	4.500	3.99	.237	236	PVC40400	570	PVC40401	1,140
5"	5.563	5.01	.258	320	PVC40500	380	PVC40501	760
6"	6.625	6.02	.280	415	PVC40600	260	PVC40601	520
8"	N/A	N/A	N/A	N/A	PVC40800	N/A	PVC40801	N/A

Prime Conduit, Inc.



CANTEX

PVC

Heavy Wall Conduit PVC Rigid Electrical Conduit Schedule 80



Conforms to UL Standard 651
and NEMA Standard TC-2

1. SCH 80 conduit is rated for 90 C Conductors Per UL 651.
2. SCH 80 is sunlight resistant per UL 651.
3. SCH 80 conduit is provided in 10' total length, with 20' total lengths available.
4. All conduit is provided with one end belled standard. Plain-ended conduit may be available.
5. Conduit color is gray, except where noted.

Size	Avg. OD	Avg. ID	Min. Wall	Weight lb/100'	10' length Item No.	Lift Size	20' Length Item No.	Lift Size
1/2"	.840	.52	.147	21	PVC80050	6,000	N/A	N/A
3/4"	1.050	.72	.154	28	PVC80075	4,400	N/A	N/A
1"	1.315	.93	.179	42	PVC80100	3,600	N/A	N/A
1 1/4"	1.660	1.25	.191	57	PVC80125	3,300	N/A	N/A
1 1/2"	1.900	1.47	.200	69	PVC80150	2,250	PVC801501	4,500
2"	2.375	1.90	.218	96	PVC80200	1,400	PVC80201	2,800
2 1/2"	2.875	2.28	.276	146	PVC80250	930	N/A	N/A
3"	3.500	2.85	.300	196	PVC80300	880	PVC80301	1,760
4"	4.500	3.77	.337	286	PVC80400	570	PVC80401	1,140
5"	5.563	4.76	.375	397	PVC80500	380	PVC80501	760
6"	6.625	5.70	.432	546	PVC80600	260	N/A	N/A



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PVC

Direct Burial

DB-60 Duct

Conforms to: NEMA TC-6, ASTM F512



- Duct is provided with 20' length.
- All duct is provided with one end belled standard.
- Plain-ended conduit may be available.
- Duct color is gray.
- Weights based on 500,000 psi modulus compound.
- 400,000 modulus compound available.



Pipe Size	Aver. O.D.	Aver. I.D.	Wall Min.	Weight lbs/100'	Lift Size	Item No.
2"	2.375	2.24	.060	35	2,800	CONDB60200
3"	3.500	3.21	.092	76	1,760	CONDB60300
4"	4.500	4.24	.121	126	1,140	CONDB60400
5"	5.563	5.24	.152	192	760	CONDB60500
6"	6.625	6.25	.182	273	520	CONDB60600

DB-100 Duct

Conforms to: ASTM F512



Pipe Size	Aver. O.D.	Aver. I.D.	Wall Min.	Weight lbs/100'	Lift Size	Item No.
3"	3.500	3.27	.113	89	2,000	CONDB100300
4"	4.500	4.20	.140	152	1,140	CONDB100400
5"	5.563	5.20	.180	231	760	CONDB100500
6"	6.625	6.19	.213	328	520	CONDB100600

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PVC

Direct Burial

DB-120 Duct

Conforms to: NEMA TC-8, ASTM F512, PTS 66 (1" , 1 1/2" & 2")

Pipe Size	Aver. O.D.	Aver. I.D.	Wall Min.	Weight lbs/100'	Lift Size	Item No.
1"	1.315	1.18	.060	18	7,200	CONDB120100
1 1/2"	1.900	1.76	.060	28	4,500	CONDB120150
2"	2.375	2.22	.077	43	2,800	CONDB120200
2 1/2"	2.868	2.66	.099	65	1,860	CONDB120250
3"	3.500	3.26	.118	95	2,000	CONDB120300
4"	4.500	4.18	.154	156	1,140	CONDB120400
5"	5.563	5.18	.191	242	760	CONDB120500
6"	6.625	6.17	.227	339	520	CONDB120600



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Enclosed Burial

- Duct is provided with 20' length.
- All duct is provided with one end belled standard.
- Plain-ended conduit may be available.
- Duct color is gray.

EB-20 Duct

Conforms to: NEMA TC-6, UL 651A, ASTM F512



Pipe Size	Aver. O.D.	Aver. I.D.	Wall Min.	Weight lbs/100'	Lift Size	Item No.
2"	2.375	2.255	.060	32	2,800	CONEB20200
3"	3.500	3.378	.061	54	1,760	CONEB20300
4"	4.500	4.336	.082	89	1,140	CONEB20400
5"	5.563	5.357	.103	136	760	CONEB20500
6"	6.625	6.375	.125	193	520	CONEB20600

EB-35 Duct

Conforms to: NEMA TC-8, ASTM F512



Pipe Size	Aver. O.D.	Aver. I.D.	Wall Min.	Weight lbs/100'	Lift Size	Item No.
3"	3.500	3.340	.076	65	1,760	CONEB35300
4"	4.500	4.292	.100	107	1,140	CONEB35400
5"	5.563	5.307	.126	163	760	CONEB35500
6"	6.625	6.317	.152	230	520	CONEB35600

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Communication Duct

AT&T Duct



Pipe Size	Aver. O.D.	Min. I.D.	Min. Wall	Weight lbs/100'	Item No.
4"	4.350	3.94	.149	149	ATT400

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Verizon Duct



Pipe Size	Aver. O.D.	Min. I.D.	Min. Wall	Weight lbs/100'	Item No.
4"	4.350	3.94	.149	149	VER400

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PVC

Communication Duct

Type C Duct

Pipe Size	Aver. O.D.	Min. I.D.	Min. Wall	Weight lbs/100'	Item No.
4"	4.350	3.94	.149	149	CONC400



PVC

Communication Duct

Verizon Telephone Duct

Conforms to General Telephone Specification GTS-8342
Note: 20' lay length

Pipe Size	Aver. O.D.	Min. I.D.	Min. Wall	Weight lbs/100'	Item No.
4	4.500	4.21	.145	154	VER400

Verizon Telephone Sweeps

Size x Degree	Radius				
	36"	48"	60"	12 ^{1/2} '	25'
4 x 90	VER4009036	VER4009048	VER4009060	N/A	N/A
4 x 45	VER4004536	VER4004548	N/A	VER40045150	N/A
4 x 22 ^{1/2}	VER4002236	VER4002248	N/A	VER40022150	VER40022300
4 x 11 ^{1/4}	N/A	N/A	N/A	VER40011150	VER40011300

Special Radius & Split Bends Available



Natural Gas Slewing

1. No pressure rating is implied.
2. Not intended for use of transmission of gas.
3. Standard color is yellow.
4. Produced in 20 foot lengths, however 10 foot lengths may be available.



Size	Avg. OD	Avg. ID	Min. Wall	Weight lb/100'	20' Length Item No.
1"	1.315	1.03	.133	32	CONG100
2"	2.375	2.04	.154	73	CONG200
4"	4.500	3.99	.237	236	CONG400
6"	6.625	6.02	.280	415	CONG600

PVC

Corrugated Innerduct

TOUGH, SUPERIOR FLEXIBILITY FOR FIBER CABLE PLACEMENT

FEATURES

- Preinstalled pull line slack available.
- May be specified in custom sizes, colors and lengths
- Multiple innerducts per reel
- Available in VO fire retardant grades



Ribbed Innerduct

FEATURES



- Preinstalled pull line slack available.
- May be specified in custom sizes, colors and lengths
- Sequential footage markings
- Multiple innerducts per reel
- Available in VO fire retardant grades

Smoothwall Innerduct

FEATURES

- Preinstalled pull line slack available.
- May be specified in custom sizes, colors and lengths
- Sequential footage markings
- Multiple innerducts per reel
- Available in VO fire retardant grades
- Aerial duct with special Ultra Violet inhibitors and anti-oxidants for longer life



A-D TECHNOLOGIES
— ARNCO — dura-line

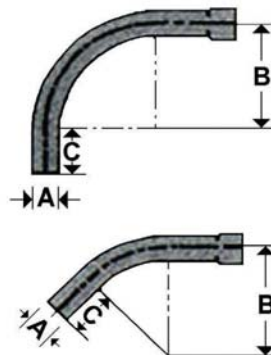
PVC

PVC Standard Radius Elbows Schedule 40



Conforms to UL Standard 651 and conforms to NEMA TC-3

Size	Standard Radius Sweep Dimension			90 Degree Item No.	45 Degree Item No.	30 Degree Item No.	22 ^{1/2} Degree Item No.
	A	B Min. (in.)	C Min. (in.)				
1/2"	.840	4.000	1.500	PVC4005090EL	PVC4005045EL	PVC4005030EL	PVC4005022EL
3/4"	1.050	4.500	1.500	PVC4007590EL	PVC4007545EL	PVC4007530EL	PVC4007522EL
1"	1.315	5.750	1.875	PVC4010090EL	PVC4010045EL	PVC4010030EL	PVC4010022EL
1 1/4"	1.660	7.250	2.000	PVC4012590EL	PVC4012545EL	PVC4012530EL	PVC4012522EL
1 1/2"	1.900	8.250	2.000	PVC4015090EL	PVC4015045EL	PVC4015030EL	PVC4015022EL
2"	2.375	9.500	2.000	PVC4020090EL	PVC4020045EL	PVC4020030EL	PVC4020022EL
2 1/2"	2.875	10.500	3.000	PVC4025090EL	PVC4025045EL	PVC4025030EL	PVC4025022EL
3"	3.500	13.000	3.125	PVC4030090EL	PVC4030045EL	PVC4030030EL	PVC4030022EL
3 1/2"	4.000	15.000	3.250	PVC4035090EL	PVC4035045EL	PVC4035030EL	PVC4035022EL
4"	4.500	16.000	3.375	PVC4040090EL	PVC4040045EL	PVC4040030EL	PVC4040022EL
5"	5.563	24.000	3.625	PVC4050090EL	PVC4050045EL	PVC4050030EL	PVC4050022EL
6"	6.625	30.000	3.750	PVC4060090EL	PVC4060045EL	PVC4060030EL	PVC4060022EL





Schedule 40 Sweeps

90 Degree

Size x Degree	Radius				
	18"	24"	36"	48"	60"
1 x 90	PVC401009018	PVC401009024	PVC401009036	N/A	N/A
1 ^{1/4} x 90	PVC401259018	PVC401259024	PVC401259036	N/A	N/A
1 ^{1/2} x 90	PVC401509018	PVC401509024	PVC401509036	N/A	N/A
2 x 90	PVC402009018	PVC402009024	PVC402009036	PVC402009048	N/A
2 ^{1/2} x 90	N/A	PVC402509024	PVC402509036	PVC402509048	N/A
3 x 90	N/A	PVC403009024	PVC403009036	PVC403009048	N/A
3 ^{1/2} x 90	N/A	PVC403509024	PVC403509036	PVC403509048	N/A
4 x 90	N/A	PVC404009024	PVC404009036	PVC404009048	PVC404009060
5 x 90	N/A	N/A	PVC405009036	PVC405009048	PVC405009060
6 x 90	N/A	N/A	PVC406009036	PVC406009048	PVC406009060

45 Degree

Size x Degree	Radius				
	18"	24"	36"	48"	12 ^{1/2} '
1 x 45	PVC401004518	PVC401004524	N/A	N/A	N/A
1 ^{1/4} x 45	PVC401254518	PVC401254524	N/A	N/A	N/A
1 ^{1/2} x 45	PVC401504518	PVC401504524	N/A	N/A	N/A
2 x 45	N/A	PVC402004524	PVC402004536	PVC402004548	PVC4020045150
2 ^{1/2} x 45	N/A	PVC402504524	PVC402504536	PVC402504548	PVC4025045150
3 x 45	N/A	PVC403004524	PVC403004536	PVC403004548	PVC4030045150
3 ^{1/2} x 45	N/A	N/A	PVC403504536	PVC403504548	PVC4035045150
4 x 45	N/A	N/A	PVC404004536	PVC404004548	PVC4040045150
5 x 45	N/A	N/A	PVC405004536	PVC405004548	PVC4050045150
6 x 45	N/A	N/A	PVC406004536	PVC406004548	PVC4060045150

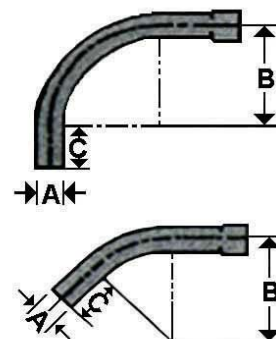
PVC

PVC Standard Radius Elbows Schedule 80



Conforms to UL Standard 651 and conforms to NEMA TC-3

Size	Standard Radius Sweep Dimension			90 Degree Item No.	45 Degree Item No.	30 Degree Item No.	22 ^{1/2} Degree Item No.
	A	B Min. (in.)	C Min. (in.)				
1/2"	.840	4.000	1.500	PVC8005090EL	PVC8005045EL	PVC8005030EL	PVC8005022EL
3/4"	1.050	4.500	1.500	PVC8007590EL	PVC8007545EL	PVC8007530EL	PVC8007522EL
1"	1.315	5.750	1.875	PVC8010090EL	PVC8010045EL	PVC8010030EL	PVC8010022EL
1 1/4"	1.660	7.250	2.000	PVC8012590EL	PVC8012545EL	PVC8012530EL	PVC8012522EL
1 1/2"	1.900	8.250	2.000	PVC8015090EL	PVC8015045EL	PVC8015030EL	PVC8015022EL
2"	2.375	9.500	2.000	PVC8020090EL	PVC8020045EL	PVC8020030EL	PVC8020022EL
2 1/2"	2.875	10.500	3.000	PVC8025090EL	PVC8025045EL	PVC8025030EL	PVC8025022EL
3"	3.500	13.000	3.125	PVC8030090EL	PVC8030045EL	PVC8030030EL	PVC8030022EL
4"	4.500	16.000	3.375	PVC8040090EL	PVC8040045EL	PVC8040030EL	PVC8040022EL
5"	5.563	24.000	3.625	PVC8050090EL	PVC8050045EL	PVC8050030EL	PVC8050022EL
6"	6.625	30.000	3.750	PVC8060090EL	PVC8060045EL	PVC8060030EL	PVC8060022EL



PVC

Schedule 40 Sweeps

22.5 Degree

Size x Degree	Radius				
	18"	24"	36"	48"	12 ^{1/2} '
1 x 22 ^{1/2}	PVC401002218	PVC401002224	N/A	N/A	N/A
1 ^{1/4} x 22 ^{1/2}	PVC401252218	PVC401252224	N/A	N/A	N/A
1 ^{1/2} x 22 ^{1/2}	PVC401502218	PVC401502224	N/A	N/A	N/A
2 x 22 ^{1/2}	N/A	PVC402002224	PVC402002236	N/A	PVC4020022150
2 ^{1/2} x 22 ^{1/2}	N/A	PVC402502224	PVC402502236	N/A	PVC4025022150
3 x 22 ^{1/2}	N/A	PVC403002224	PVC403002236	PVC403002248	PVC4030022150
3 ^{1/2} x 22 ^{1/2}	N/A	N/A	PVC403502236	PVC403502248	PVC4035022150
4 x 22 ^{1/2}	N/A	N/A	PVC404002236	PVC404002248	PVC4040022150
5 x 22 ^{1/2}	N/A	N/A	PVC405002236	PVC405002248	PVC4050022150
6 x 22 ^{1/2}	N/A	N/A	PVC406002236	PVC406002248	PVC4060022150

11.25 Degree

Size x Degree	Radius
	12 ^{1/2} '
1 x 11 ^{1/4}	PVC4010011150
1 ^{1/4} x 11 ^{1/4}	PVC4012511150
1 ^{1/2} x 11 ^{1/4}	PVC4015011150
2 x 11 ^{1/4}	PVC4020011150
2 ^{1/2} x 11 ^{1/4}	PVC4025011150
3 x 11 ^{1/4}	PVC4030011150
3 ^{1/2} x 11 ^{1/4}	PVC4035011150
4 x 11 ^{1/4}	PVC4040011150
5 x 11 ^{1/4}	PVC4050011150
6 x 11 ^{1/4}	PVC4060011150



Special Radius & Split Bends Available

Schedule 80 Sweeps

90 Degree

Size x Degree	Radius				
	18"	24"	36"	48"	60"
1 x 90	PVC801009018	PVC801009024	PVC801009036	N/A	N/A
1 ^{1/4} x 90	PVC801259018	PVC801259024	PVC801259036	N/A	N/A
1 ^{1/2} x 90	PVC801509018	PVC801509024	PVC801509036	N/A	N/A
2 x 90	PVC802009018	PVC802009024	PVC802009036	PVC802009048	N/A
2 ^{1/2} x 90	N/A	PVC802509024	PVC802509036	PVC802509048	N/A
3 x 90	N/A	PVC803009024	PVC803009036	PVC803009048	N/A
4 x 90	N/A	PVC804009024	PVC804009036	PVC804009048	PVC804009060
5 x 90	N/A	N/A	PVC805009036	PVC805009048	PVC805009060
6 x 90	N/A	N/A	PVC806009036	PVC806009048	PVC806009060

45 Degree

Size x Degree	Radius				
	18"	24"	36"	48"	12 ^{1/2} '
1 x 45	PVC801004518	PVC801004524	N/A	N/A	N/A
1 ^{1/4} x 45	PVC801254518	PVC801254524	N/A	N/A	N/A
1 ^{1/2} x 45	PVC801504518	PVC801504524	N/A	N/A	N/A
2 x 45	N/A	PVC802004524	PVC802004536	PVC802004548	PVC8020045150
2 ^{1/2} x 45	N/A	PVC802504524	PVC802504536	PVC802504548	PVC8025045150
3 x 45	N/A	PVC803004524	PVC803004536	PVC803004548	PVC8030045150
4 x 45	N/A	N/A	PVC804004536	PVC804004548	PVC8040045150
5 x 45	N/A	N/A	PVC805004536	PVC805004548	PVC8050045150
6 x 45	N/A	N/A	PVC806004536	PVC806004548	PVC8060045150

PVC

Schedule 80 Sweeps

22.5 Degree

Size x Degree	Radius				
	18"	24"	36"	48"	12 ^{1/2} '
1 x 22 ^{1/2}	PVC801002218	PVC801002224	N/A	N/A	N/A
1 ^{1/4} x 22 ^{1/2}	PVC801252218	PVC801252224	N/A	N/A	N/A
1 ^{1/2} x 22 ^{1/2}	PVC801502218	PVC801502224	N/A	N/A	N/A
2 x 22 ^{1/2}	N/A	PVC802002224	PVC802002236	N/A	PVC8020022150
2 ^{1/2} x 22 ^{1/2}	N/A	PVC802502224	PVC802502236	N/A	PVC8025022150
3 x 22 ^{1/2}	N/A	PVC803002224	PVC803002236	PVC803002248	PVC8030022150
4 x 22 ^{1/2}	N/A	N/A	PVC804002236	PVC804002248	PVC8040022150
5 x 22 ^{1/2}	N/A	N/A	PVC805002236	PVC805002248	PVC8050022150
6 x 22 ^{1/2}	N/A	N/A	PVC806002236	PVC806002248	PVC8060022150

11.25 Degree

Size x Degree	Radius 12 ^{1/2} '
1 x 11 ^{1/4}	PVC8010011150
1 ^{1/4} x 11 ^{1/4}	PVC8012511150
1 ^{1/2} x 11 ^{1/4}	PVC8015011150
2 x 11 ^{1/4}	PVC8020011150
2 ^{1/2} x 11 ^{1/4}	PVC8025011150
3 x 11 ^{1/4}	PVC8030011150
4 x 11 ^{1/4}	PVC8040011150
5 x 11 ^{1/4}	PVC8050011150
6 x 11 ^{1/4}	PVC8060011150



Special Radius & Split Bends Available

Direct Burial Sweeps

To decipher the item number substitute the type of DB conduit for #.
 Example: CONDB603009024 represents a 3 inch, DB60, 90 degree sweep with a 24 inch radius

90 Degree

Size x Degree	Radius				
	18"	24"	36"	48"	60"
1" x 90	CONDB#1009018	CONDB#1009024	CONDB#1009036	CONDB#1009048	N/A
1 1/2" x 90	CONDB#1509018	CONDB#1509024	CONDB#1509036	CONDB#1509048	N/A
2" x 90	CONDB#2009018	CONDB#2009024	CONDB#2009036	CONDB#2009048	N/A
3" x 90	CONDB#3009018	CONDB#3009024	CONDB#3009036	CONDB#3009048	N/A
4" x 90	N/A	CONDB#4009024	CONDB#4009036	CONDB#4009048	CONDB#4009060
5" x 90	N/A	N/A	CONDB#5009036	CONDB#5009048	CONDB#5009060
6" x 90	N/A	N/A	CONDB#6009036	CONDB#6009048	CONDB#6009060

45 Degree

Size x Degree	Radius					
	18"	24"	36"	48"	60"	12 1/2'
1" x 45	CONDB#1004518	CONDB#1004524	CONDB#1004536	CONDB#1004548	N/A	N/A
1 1/2" x 45	CONDB#1504518	CONDB#1504524	CONDB#1504536	CONDB#1504548	N/A	CONDB#15045150
2" x 45	CONDB#2004518	CONDB#2004524	CONDB#2004536	CONDB#2004548	N/A	CONDB#20045150
3" x 45	N/A	CONDB#3004524	CONDB#3004536	CONDB#3004548	N/A	CONDB#30045150
4" x 45	N/A	CONDB#4004524	CONDB#4004536	CONDB#4004548	CONDB#4004560	CONDB#40045150
5" x 45	N/A	N/A	CONDB#5004536	CONDB#5004548	CONDB#5004560	CONDB#50045150
6" x 45	N/A	N/A	CONDB#6004536	CONDB#6004548	CONDB#6004560	CONDB#60045150

PVC

Direct Burial Sweeps

To decipher the item number substitute the type of DB conduit for #.
Example: CONDB603002224 represents a 3 inch, DB60, 22.5 degree sweep with a 24 inch radius

22.5 Degree

Size x Degree	Radius					
	18"	24"	36"	48"	12 ^{1/2} '	25'
1" x 22 ^{1/2}	CONDB#1002218	CONDB#1002224	CONDB#1002236	N/A	N/A	N/A
1 1/2" x 22 ^{1/2}	CONDB#1502218	CONDB#1502224	CONDB#1502236	N/A	N/A	N/A
2" x 22 ^{1/2}	CONDB#2002218	CONDB#2002224	CONDB#2002236	N/A	CONDB#20022150	N/A
3" x 22 ^{1/2}	CONDB#3002218	CONDB#3002224	CONDB#3002236	CONDB#3002248	CONDB#30022150	CONDB#30022300
4" x 22 ^{1/2}	N/A	CONDB#4002224	CONDB#4002236	CONDB#4002248	CONDB#40022150	CONDB#40022300
5" x 22 ^{1/2}	N/A	N/A	CONDB#5002236	CONDB#5002248	CONDB#50022150	CONDB#50022300
6" x 22 ^{1/2}	N/A	N/A	CONDB#6002236	CONDB#6002248	CONDB#60022150	CONDB#60022300

11.25 Degree

Size x Degree	Radius			
	36"	48"	12 ^{1/2} '	25'
1" x 11 ^{1/4}	N/A	N/A	CONDB#10011150	N/A
1 1/2" x 11 ^{1/4}	N/A	N/A	CONDB#15011150	N/A
2" x 11 ^{1/4}	CONDB#2001136	N/A	CONDB#20011150	N/A
3" x 11 ^{1/4}	CONDB#3001136	N/A	CONDB#30011150	CONDB#30011300
4" x 11 ^{1/4}	CONDB#4001136	CONDB#4001148	CONDB#40011150	CONDB#40011300
5" x 11 ^{1/4}	N/A	CONDB#5001148	CONDB#50011150	CONDB#50011300
6" x 11 ^{1/4}	N/A	CONDB#6001148	CONDB#60011150	CONDB#60011300



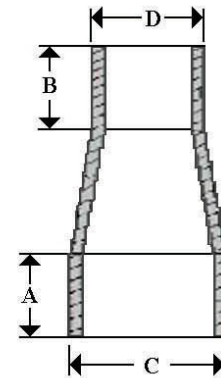
Special Radius & Split Bends Available

PVC

Fittings Schedule 40 Reducers

Size	Min. A	Min. B	Min. C	Aver. D	Item No.
3 x 2	3.250	2.125	3.500	2.375	PVC40300200
3 ^{1/2} x 2	3.375	2.125	4.000	2.375	PVC40350200
3 ^{1/2} x 3	3.375	3.250	4.000	3.500	PVC40350300
4 x 3	3.375	3.250	4.500	3.500	PVC40400300
4 x 3 ^{1/2}	3.375	3.375	4.500	4.000	PVC40400350
5 x 4	4.375	3.375	5.563	4.500	PVC40500400
6 x 5	5.375	4.375	6.625	5.563	PVC40600500

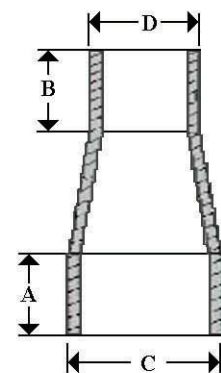
Swedge Reducers
Conforms to: ASTM F512



DB Reducers

Size	Min. A	Min. B	Min. C	Aver. D	Item No.
3 x 2	3.250	2.125	3.500	2.375	CONDB300200
3 ^{1/2} x 2	3.375	2.125	4.000	2.375	CONDB350200
3 ^{1/2} x 3	3.375	3.250	4.000	3.500	CONDB350300
4 x 3	3.375	3.250	4.500	3.500	CONDB400300
4 x 3 ^{1/2}	3.375	3.375	4.500	4.000	CONDB400350
5 x 4	4.375	3.375	5.563	4.500	CONDB500400
6 x 5	5.375	4.375	6.625	5.563	CONDB600500

Swedge Reducers
Conforms to: ASTM F512

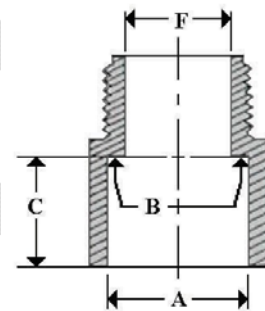


PVC

Fittings

PVC Terminal Adapters

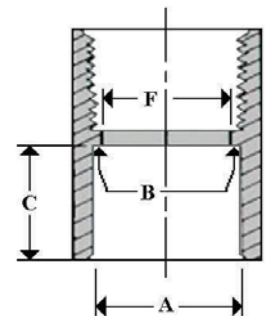
Size	Aver. A	Aver. B	Min. C	Min. F	Max. F	Item No.
1/2"	.852	.836	.652	.591	.622	PVC050MA
3/4"	1.064	1.046	.719	.783	.824	PVC075MA
1"	1.330	1.310	.875	.997	1.049	PVC100MA
1 1/4"	1.677	1.655	.938	1.311	1.380	PVC125MA
1 1/2"	1.918	1.894	1.062	1.529	1.610	PVC150MA
2"	2.393	2.369	1.125	1.964	2.067	PVC200MA
2 1/2"	2.890	2.868	1.469	2.346	2.469	PVC250MA
3"	3.515	3.492	1.594	2.915	3.068	PVC300MA
3 1/2"	4.015	3.992	1.687	3.371	3.548	PVC350MA
4"	4.515	4.491	1.750	3.825	4.028	PVC400MA
5"	5.593	5.553	1.937	4.795	5.047	PVC500MA
6"	6.658	6.614	2.125	5.762	6.065	PVC600MA



Conforms to
UL 514-B and
NEMA TC-3

PVC Female Adapters

Size	Aver. A	Aver. B	Min. C	Min. F	Max. F	Item No.
1/2"	.852	.836	.652	.591	.622	PVC050FA
3/4"	1.064	1.046	.719	.783	.824	PVC075FA
1"	1.330	1.310	.875	.997	1.049	PVC100FA
1 1/4"	1.677	1.655	.938	1.311	1.380	PVC125FA
1 1/2"	1.918	1.894	1.062	1.529	1.610	PVC150FA
2"	2.393	2.369	1.125	1.964	2.067	PVC200FA
2 1/2"	2.890	2.868	1.469	2.346	2.469	PVC250FA
3"	3.515	3.492	1.594	2.915	3.068	PVC300FA
3 1/2"	4.015	3.992	1.687	3.371	3.548	PVC350FA
4"	4.515	4.491	1.750	3.825	4.028	PVC400FA
5"	5.593	5.553	1.937	4.795	5.047	PVC500FA
6"	6.658	6.614	2.125	5.762	6.065	PVC600FA



Conforms to
UL 514-B and
NEMA TC-3

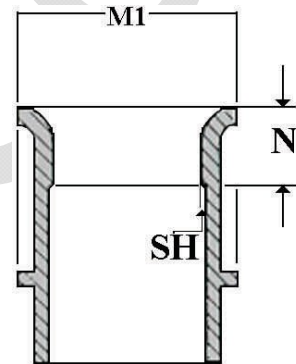
PVC

Fittings

PVC End Bells

Size	M1, Max	SH, Max	N, Min	Item No.
2"	3 ^{7/64}	0.075	5/16	PVC200EB
3"	4 ^{1/8}	0.076	5/16	PVC300EB
3 ^{1/2} "	4 ^{5/8}	0.087	5/16	PVC350EB
4"	5 ^{11/32}	0.097	7/16	PVC400EB
5"	6 ^{13/32}	0.118	7/16	PVC500EB
6"	7 ^{13/32}	0.140	7/16	PVC600EB

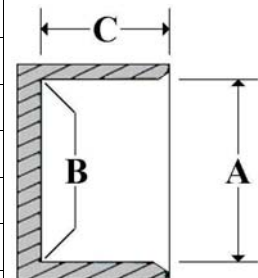
Conforms to
ASTM F-512



PVC End Caps

Size	Aver. A	Aver. B	Min. C	Item No.
1/2"	0.852	0.836	0.652	PVC050CAP
3/4"	1.064	1.046	0.719	PVC075CAP
1"	1.330	1.310	0.875	PVC100CAP
1 ^{1/4} "	1.667	1.655	0.938	PVC125CAP
1 ^{1/2} "	1.918	1.894	1.062	PVC150CAP
2"	2.393	2.369	1.125	PVC200CAP
3"	3.515	3.492	1.594	PVC300CAP
3 ^{1/2} "	4.015	3.992	1.687	PVC350CAP
4"	4.515	4.491	1.750	PVC400CAP
5"	5.593	5.553	1.937	PVC500CAP
6"	6.658	6.614	2.125	PVC600CAP

Conforms to
ASTM F-512

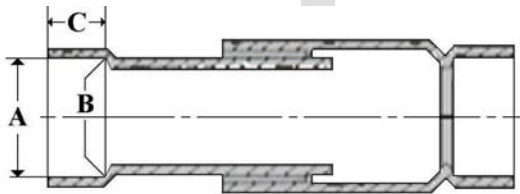


PVC

Fittings

Expansion Couplings

Size	Lay Lengths			Stop to Stop Total Closed	Stop to Stop Total Open	Item No.
	A	B	C			
1/2"	.852	.840	1.437	8.00	12.00	PVC40050EXP
3/4"	1.064	1.050	1.703	8.00	12.00	PVC40075EXP
1"	1.330	1.315	2.031	8.50	12.50	PVC40100EXP
1 1/4"	1.677	1.660	2.156	9.00	13.00	PVC40125EXP
1 1/2"	1.918	1.900	2.281	9.00	13.00	PVC40150EXP
2"	2.393	2.375	2.406	9.25	13.25	PVC40200EXP
2 1/2"	2.890	2.875	3.187	9.25	13.25	PVC40250EXP
3"	3.515	3.500	3.437	14.25	22.25	PVC40300EXP
3 1/2"	4.015	4.000	3.625	14.25	22.25	PVC40350EXP
4"	4.515	4.500	3.750	14.25	22.25	PVC40400EXP
5"	5.592	5.524	3.937	18.50	24.50	PVC40500EXP
6"	6.644	6.581	4.935	20.50	26.50	PVC40600EXP



Conforms to ASTM F-512

*Fabricated fitting - conforms to NEMA TC-9; not UL Listed

5° Couplings

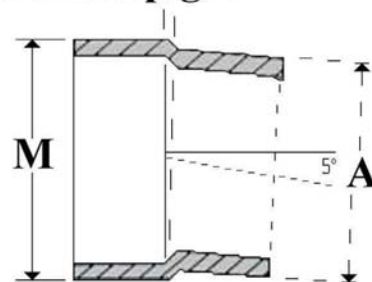
Size	Max. M	Aver. A	Item No.
2"	2 ^{9/16}	2.375	PVC40200200B
3"	3 ^{23/32}	3.500	PVC40300300B
4"	4 ^{51/64}	4.500	PVC40400400B
5"	5 ^{59/64}	5.563	PVC40500500B
6"	7 ^{1/64}	6.625	PVC40600600B

Duct Couplings

5° B x S

Conforms to NEMA TC-9

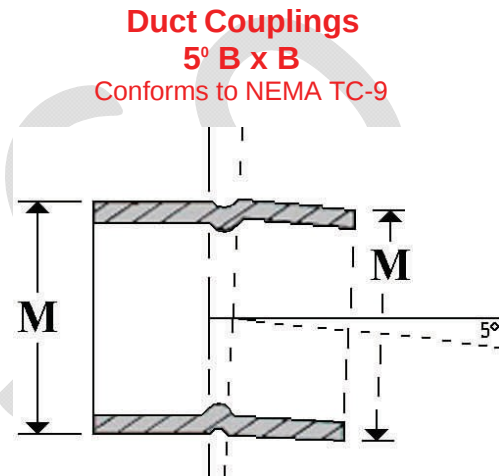
Bell x Spigot



PVC

Fittings 5° Couplings

Size	Max. M	Item No.
2"	2 ^{9/16}	CONDB200CP5
3"	3 ^{23/32}	CONDB300CP5
4"	4 ^{51/64}	CONDB400CP5
5"	5 ^{59/64}	CONDB500CP5
6"	7 ^{1/64}	CONDB600CP5



Schedule 40 Swedged Boring Coupling (Fabricated)

All fittings for electrical applications conform to
NEMA TC-3 and UL 514 Utility Duct
NEMA TC-6, ASTM F-512



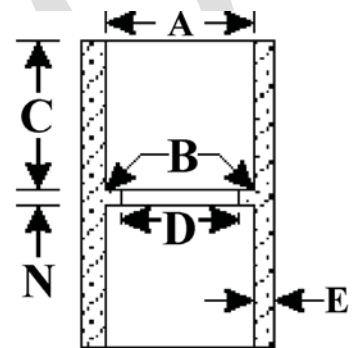
Size	Length	STD. PKG.	PKG. WT.	Item No.
2"	12"	20	14.60	PVC40200CPL
4"	17"	16	51.68	PVC40400CPL
5"	17"	10	44.20	PVC40500CPL
6"	17"	10	57.80	PVC40600CPL

PVC

Fittings

UL Couplings

All sizes conform to
UL 514-B and NEMA TC-3



Size	Aver. A	Aver. B	Min. C	N	Min. D	Min. E	Item No.
1/2"	.852	.836	.652	3/32	.630	.095	PVC40050CP
3/4"	1.064	1.046	.719	3/32	.834	.095	PVC40075CP
1"	1.330	1.310	.875	3/32	1.059	.100	PVC40100CP
1 1/4"	1.677	1.655	.938	3/32	1.392	.120	PVC40125CP
1 1/2"	1.918	1.894	1.062	3/32	1.622	.120	PVC40150CP
2"	2.393	2.369	1.125	3/32	2.079	.130	PVC40200CP
2 1/2"	2.890	2.868	1.469	3/16	2.484	.165	PVC40250CP
3"	3.515	3.492	1.594	3/16	3.083	.216	PVC40300CP
3 1/2"	4.015	3.992	1.687	3/16	3.598	.226	PVC40350CP
4"	4.515	4.491	1.750	3/16	4.076	.237	PVC40400CP
5"	5.593	5.553	1.937	3/16	5.097	.258	PVC40500CP
6"	6.658	6.614	2.125	1/4	6.115	.280	PVC40600CP

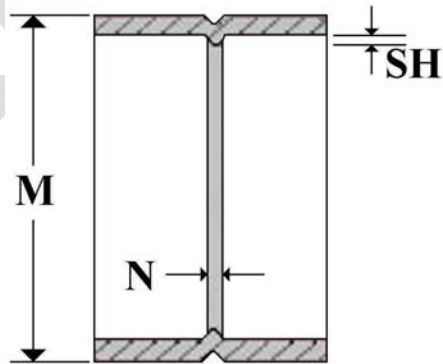
Fittings

Duct/Swedge Couplings

Made From DB100. Also available in 4" C Duct and 4" GTS-8342

Size	M1 MAX	SH, MAX	N, MIN	Item No.
2"	3 ^{47/64}	0.075	3/32	CONDB200CP
3"	4 ^{31/32}	0.076	7/64	CONDB300CP
3 ^{1/2} "	4 ^{1/2}	0.087	7/64	CONDB350CP
4"	5 ^{1/32}	0.097	7/64	CONDB400CP
5"	6 ^{1/4}	0.118	9/64	CONDB500CP
6"	7 ^{1/2}	0.140	9/64	CONDB600CP

Duct/Swedge Couplings
Conforms to: ASTM F512 and
NEMA TC-9

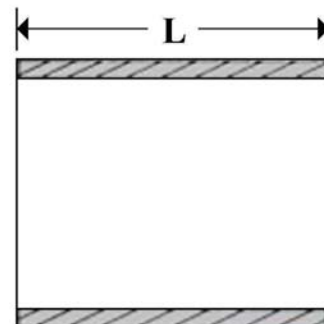


Repair Couplings

Made From DB100. Also available in 4" C Duct and 4" GTS-8342

Size	L	Item No.
2"	5.00	CONDB200CPS
3"	6.00	CONDB300CPS
4"	7.00	CONDB400CPS
5"	9.00	CONDB500CPS
6"	11.00	CONDB600CPS

Repair Couplings



PVC

Fittings WYES

Size	DB	AT&T	Verizon	SCH 40	SCH 80
1"	CONDB100WYE	N/A	N/A	PVC40100WYE	PVC80100WYE
1 1/4"	N/A	N/A	N/A	PVC40125WYE	PVC80125WYE
1 1/2"	CONDB150WYE	N/A	N/A	PVC40150WYE	PVC80150WYE
2"	CONDB200WYE	N/A	N/A	PVC40200WYE	PVC80200WYE
2 1/2"	N/A	N/A	N/A	PVC40250WYE	PVC80250WYE
3"	CONDB300WYE	N/A	N/A	PVC40300WYE	PVC80300WYE
3 1/2"	CONDB350WYE	N/A	N/A	PVC40350WYE	PVC80350WYE
4"	CONDB400WYE	ATT400WYE	VER400WYE	PVC40400WYE	PVC80400WYE
5"	CONDB500WYE	N/A	N/A	PVC40500WYE	PVC80500WYE
6"	CONDB600WYE	N/A	N/A	PVC40600WYE	PVC80600WYE



**LAKE WYES ALSO
AVAILABLE**



Special & split WYES available

PVC

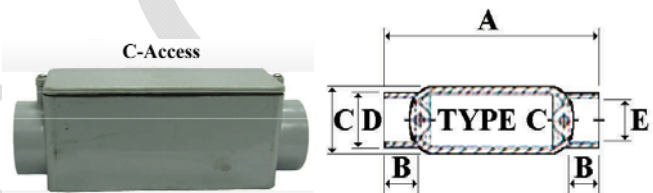
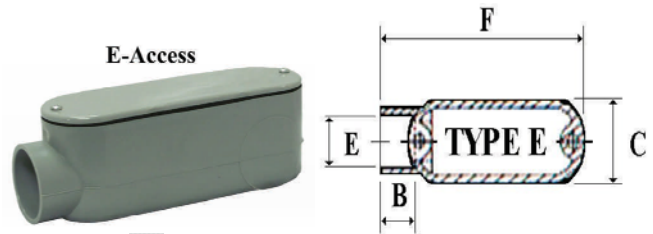
Access Fittings

E Access Fittings

Size	Item No.
1/2"	PVC050AFE
3/4"	PVC075AFE
1"	PVC100AFE
1 1/4"	PVC125AFE
1 1/2"	PVC150AFE
2"	PVC200AFE
2 1/2"	PVC250AFE
3"	PVC300AFE
3 1/2"	PVC350AFE
4"	PVC400AFE

C Access Fittings

Size	Item No.
1/2"	PVC050AFC
3/4"	PVC075AFC
1"	PVC100AFC
1 1/4"	PVC125AFC
1 1/2"	PVC150AFC
2"	PVC200AFC
2 1/2"	PVC250AFC
3"	PVC300AFC
3 1/2"	PVC350AFC
4"	PVC400AFC



T Access Fittings

Size	Item No.
1/2"	PVC050AFT
3/4"	PVC075AFT
1"	PVC100AFT
1 1/4"	PVC125AFT
1 1/2"	PVC150AFT
2"	PVC200AFT
2 1/2"	PVC250AFT
3"	PVC300AFT
3 1/2"	PVC350AFT
4"	PVC400AFT



High tensile and impact strength.
Non-conductive and non-sparking.
Corrosion resistant.

CANTEX

Size	A	B	C	D	E	F	G	H	I	J
1/2"	5.606	.639	1.268	1.100	.840	4.337	4.095	1.297	2.487	2.280
3/4"	5.606	.810	1.536	1.325	1.050	5.395	4.095	1.297	2.487	2.803
1"	6.500	.910	1.700	1.600	1.335	6.250	4.750	1.500	2.075	3.250
1 1/4"	7.900	1.050	2.300	2.250	1.100	7.625	5.750	1.750	3.575	3.950
1 1/2"	8.500	1.125	2.675	2.250	1.900	8.250	6.500	1.750	3.938	4.250
2"	10.875	1.160	3.188	2.820	2.375	10.531	8.156	2.344	4.535	5.438
2 1/2"	14.600	1.750	4.500	3.950	2.870	13.630	10.897	3.805	6.240	7.300
3"	14.600	1.900	4.500	3.950	3.510	13.630	10.897	3.805	6.240	7.300
3 1/2"	17.040	2.125	5.536	5.000	4.000	16.000	11.465	4.535	7.500	8.535
4"	17.040	2.125	5.536	5.000	4.530	16.000	11.465	4.535	7.500	8.535

PVC

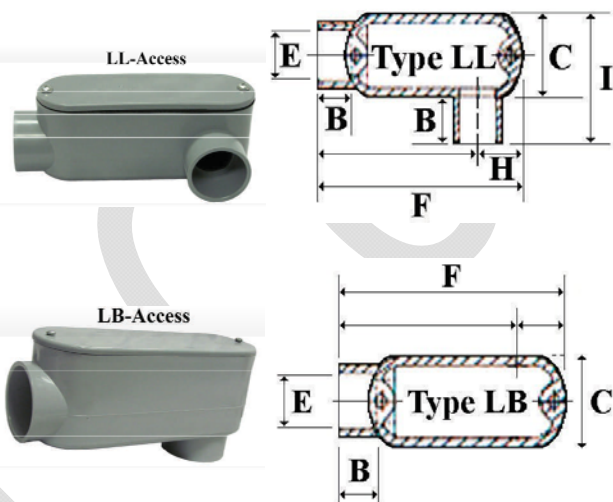
Access Fittings

LL Access Fittings

Size	Item No.
1/2"	PVC050AFLL
3/4"	PVC075AFLL
1"	PVC100AFLL
1 1/4"	PVC125AFLL
1 1/2"	PVC150AFLL
2"	PVC200AFLL
2 1/2"	PVC250AFLL
3"	PVC300AFLL
3 1/2"	PVC350AFLL
4"	PVC400AFLL

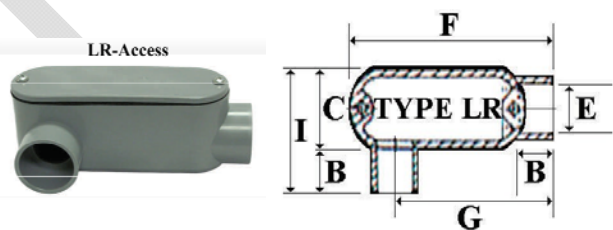
LB Access Fittings

Size	Item No.
1/2"	PVC050AFLB
3/4"	PVC075AFLB
1"	PVC100AFLB
1 1/4"	PVC125AFLB
1 1/2"	PVC150AFLB
2"	PVC200AFLB
2 1/2"	PVC250AFLB
3"	PVC300AFLB
3 1/2"	PVC350AFLB
4"	PVC400AFLB



LR Access Fittings

Size	Item No.
1/2"	PVC050AFLR
3/4"	PVC075AFLR
1"	PVC100AFLR
1 1/4"	PVC125AFLR
1 1/2"	PVC150AFLR
2"	PVC200AFLR
2 1/2"	PVC250AFLR
3"	PVC300AFLR
3 1/2"	PVC350AFLR
4"	PVC400AFLR



High tensile and impact strength.
Non-conductive and non-sparking.
Corrosion resistant.

CANTEX

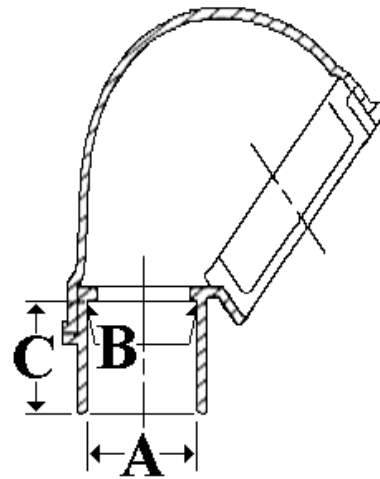
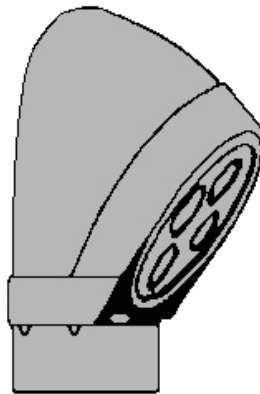
Size	B	C	D	E	F	G	H	I
1/2"	.639	1.268	1.100	.840	4.337	4.095	1.297	2.487
3/4"	.810	1.536	1.325	1.050	5.395	4.095	1.297	2.487
1"	.910	1.700	1.600	1.335	6.250	4.750	1.500	2.075
1 1/4"	1.050	2.300	2.250	1.100	7.625	5.750	1.750	3.575
1 1/2"	1.125	2.675	2.250	1.900	8.250	6.500	1.750	3.938
2"	1.160	3.188	2.820	2.375	10.531	8.156	2.344	4.535
2 1/2"	1.750	4.500	3.950	2.870	13.630	10.897	3.805	6.240
3"	1.900	4.500	3.950	3.510	13.630	10.897	3.805	6.240
3 1/2"	2.125	5.536	5.000	4.000	16.000	11.465	4.535	7.500
4"	2.125	5.536	5.000	4.530	16.000	11.465	4.535	7.500

PVC

Service Entrance Fittings



CANTEX



Except as noted - *

Size	Aver. A	Aver. B	Aver. C	Item No.
1"	1.330	1.310	.875	PVC100SE
1 ^{1/4} "	1.677	1.655	.938	PVC125SE
1 ^{1/2} "	1.918	1.894	1.062	PVC150SE
2"	2.393	2.369	1.125	PVC200SE
2 ^{1/2} "	2.890	2.868	1.469	PVC250SE
3"	3.515	3.492	1.594	PVC300SE
3 ^{1/2} "	4.015	3.992	1.687	PVC350SE
4"	4.515	4.491	1.750	PVC400SE

PVC

Split Duct

- An economical, quick placement duct system
- Used for the following:
 - Repairing damaged cable ducting
 - Temporary shielding during excavation and construction
 - Rerouting, raising, or lowering existing duct banks
- Available in a wide range of diameters and conduit types
- Designed for easy assembly and watertight installation



PVC

Quik-Duct Multi-Duct Conduit

Saf-T-Co Supply Proudly Introduces our newest line of fiber-optic cable management, **Quik-Duct**.

The Quik-Duct System is available in 3-way, 4-way, 6-way or 8-way configurations. Any combination can be made i.e., two 2" with two 1" 1/4 or 1" 1/2 etc. Functional and precise conduit runs for all your underground needs.



Quik-Duct utilizes spacers to create a precision alignment of the conduit system.



"Machined precision allows smoother joints every time..."



Our 4-way Quik-Duct system is available in a number of color combinations to fit your job's needs.



Shown to the left is our 4-way Quik-Duct system. Contact any of Saf-T-Co's professional representatives for a complete list of our unique product line.



Quik-Duct sweeps, fittings and accessories are available in standard and special sizes to facilitate easy installation.

Duct Type	Duct Size	Configuration	Item No.
Schedule 40	1 ^{1/4}	4 Way	PVC401254QD
Schedule 40	1 ^{1/2}	4 Way	PVC401504QD
Schedule 40	1 ^{1/4}	6 Way	PVC401256QD
Schedule 40	1 ^{1/2}	6 Way	PVC401506QD
Schedule 40	1 ^{1/4} & 2	4 Way	PVC401252004QD
Schedule 40	1 ^{1/2} & 2	4 Way	PVC401502004QD

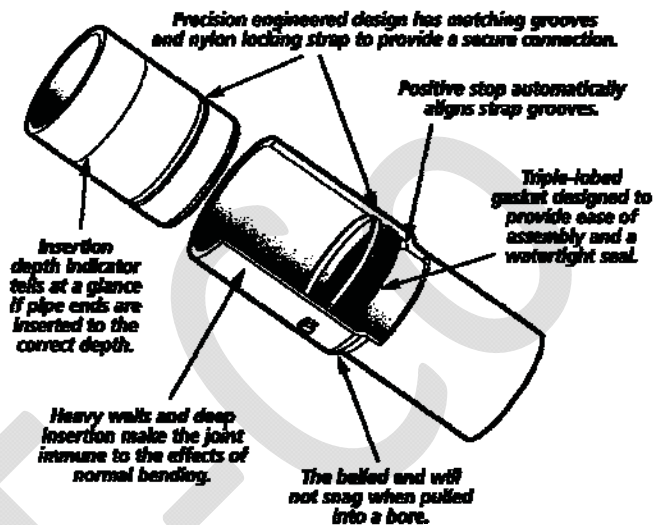
Prime Conduit Bore-Gard®

PVC Trenchless Raceway

Prime Conduit's PVC Bore-Gard conduit eliminates the costly problems of HDPE pipe on a reel such as reel handling, fusion welding, uncoiling and wasted pipe, safety hazards and additional job site labor.

Bore-Gard is designed and proven to meet the rigorous requirements of horizontal directional drilling for electrical and datacom applications.

The unique design incorporates a water-tight seal and locking ring that enables fast, cement-free assembly, strong enough for 1000 foot bores. Short lengths of 10 and 20 feet fit into the tightest spaces and can be easily transported to the job site. Simplify trenchless installations and lower your costs with Bore-Gard.



Features:

- True 3.0", 4.0", 5.0" and 6.0" I.D. for maximum cable/innerduct fill
- Easy to handle 10 and 20 foot lengths
- For bores up to 1000 ft
- Fast assembly
- Strong water-tight joints without cement
- Fits standard Schedule 40 fittings
- All nonmetallic construction
- Superior crush and stiffness over HDPE
- Eliminates the need for chains and backing plate installation



Locking ring enables fast, cement-free assembly.



Slide locking ring into the joint.



Fully assembled, the locking ring provides strong water-tight joints without cement.

Prime Conduit Bore-Gard®

PVC Trenchless Raceway

Item No.	Description	Length (ft.)	Dimensions O.D. (in.)	Dimensions I.D. (in.)	Pkg. Qty. (ft./bundle)	Bundles per Truck-load	Feet per Truckload	Wt. Per 100 ft. (lbs.)	Min. Bend Radius (ft.)	Seal Pressure Rating (P.S.I.)	Joint Pull Rating (lbs.)	UL Std. 651 & NEMA TC2 Min. Crush (lbs.)
PVC40300BG	3" Sch. 40 Bore-Gard	10	3.50	3.0	350	56	19,600	164	65	75	7,000	1,000
PVC40301BG	3" Sch. 40 Bore-Gard	20	3.50	3.0	700	28	19,600	164	65	75	7,000	1,000
PVC40400BG	4" Sch. 40 Bore-Gard	10	4.50	4.0	260	56	14,560	234	65	75	8,700	900
PVC40401BG	4" Sch. 40 Bore-Gard	20	4.50	4.0	520	28	14,560	234	65	75	8,700	900
PVC40500BG	5" Sch. 40 Bore-Gard	10	5.56	5.0	230	40	9,200	317	65	75	11,300	850
PVC40501BG	5" Sch. 40 Bore-Gard	20	5.56	5.0	460	20	9,200	317	65	75	11,300	850
PVC40600BG	6" Sch. 40 Bore-Gard	10	6.625	6.0	200	40	8,00	418	65	75	14,000	850
PVC40601BG	6" Sch. 40 Bore-Gard	20	6.625	6.0	400	20	8,00	418	65	75	14,000	850

1. Position Bore-Gard with the print line facing up.
2. Remove plastic locking strap and set it aside.
3. Remove end caps on first stick only, trim spigot end of Bore-Gard at the groove before attaching the pulling eye/gripping attachment.
4. Insert pulling eye into spigot end of Bore-Gard.
5. Tighten pulling eye so that it expands against the interior of the conduit. Use of sleeve over O.D. of conduit is recommended.
6. The installer should use appropriate instrumentation to insure that maximum pull rating is not exceeded.
7. Take next piece of Bore-Gard (10' or 20') and insert spigot end into belled end of the first piece until the insertion line is no longer visible.
8. Slide the plastic locking strap into slot on the side of the bell. Push the strap into slot on the side of the bell. Push the strap in completely. It is not necessary to remove or cover the handle on the strap.
9. Repeat with remaining sections as space allows.
10. Bore-Gard is now ready for installation.



Prime Conduit Bore-Gard®

PVC Trenchless Raceway

Top 10 Reasons to Use Bore-Gard

1. Lower Overall Installed Cost:

Bore-Gard® is the lowest cost solution for installing conduit in directionally drilled applications. When considering all of the advantages that Bore-Gard offers, it is obvious why so many have standardized on Bore-Gard. Leading contractors, Regional Bell Operating Companies, Independent Telcos, and Electrical Utilities are using Bore-Gard instead of HDPE to lower their costs when installing telecommunications and electrical conduit via directional drilling. Simpler handling, faster assembly, and lower labor cost all lead to increased productivity and lower overall costs as detailed in this document. Some contractors that use Bore-Gard have claimed to be able to do 2 to 3 bores in a day (versus only 1 bore per day with HDPE pipe) because of the time and labor savings Bore-Gard offers. Shouldn't you benefit from all of the advantages of Bore-Gard?

2. Lower Freight Cost:

A Truckload of 4" SDR 13.5 HDPE typically consists of ten 625 ft., 8 ft. diameter reels rendering only 6,250 ft. per truckload. A truckload of 4" Bore-Gard is 12,480 ft., twice that of HDPE, cutting the freight charges in half. For example, at a \$900 cost per flatbed truckload, the freight cost per foot for HDPE is \$0.14/ft. Bore-Gard is only \$0.07/ft. HDPE in a 6" diameter is typically offered in either 300 ft. or 500 ft. reels with a maximum truckload qty. of 1,800 to 2,000 feet. Bore-Gard 6" diameter is offered in 200 ft. and 400 ft. convenient bundles with a maximum truckload qty. of 8,000 ft. At a \$900 cost per flatbed truckload, the freight cost per foot for HDPE 6" is from \$0.45/ft to \$0.50/ft. Bore-Gard's 6" diameter is only \$0.11/ft., 75% lower than HDPE's freight cost.

3. Greater Internal Fill Capacity:

When wound on a reel, HDPE's cross-section is distorted into an oval. This reduces the internal capacity for innerducts or cable. In turn, this increases the overall installed cost because the capacity is lower than a truly circular duct. Further reducing the capacity of HDPE SDR 13.5 is the small 3.8inch inside diameter for the 4" nominal diameter, and 5.6 inches for the 6" diameter. Bore-Gard is superior in circularity and inside diameter. Bore-Gard is packaged in bundles, not wound on reels, so it does not collapse into an oval shape - it stays circular. In addition, the inside diameter is a true 3.0", 4.0", 5.0", and 6.0" inch size offering that enables more innerducts and cables to be placed. This results in lower installed costs and a more efficient conduit system.

4. No Wasted Product:

When using HDPE, the last several wraps are usually scrapped. This is because material closest to the core of the reel is oval in cross section due to it being wrapped so tightly. Once the HDPE conduit is no longer held in place by the metal bands, it is very difficult to remove from the reel. Bore-Gard is offered in convenient 10 ft. and 20 ft. lengths in standard conduit bundles. Combined with the ability to solvent cement Bore-Gard to other PVC systems, there is no wasted product.

5. Easier to Transport:

Offered in 10 ft. and 20 ft. lengths, Bore-Gard is easy to transport to and around the job site. One length of Bore-Gard can be carried by one person over the toughest terrain. This solves problems created by varied-terrain job sites for which a large, heavy reel of HDPE could not be used. Because fewer people and less time are required to move the product around, overall costs are reduced. This translates to getting more done in a day.

Prime Conduit, Inc.

Prime Conduit Bore-Gard®

PVC Trenchless Raceway *Top 10 Reasons to Use Bore-Gard*

6. Strong and Flexible for Directional Drilling:

Bore-Gard's highly engineered and field-proven joint design provides the strength required of the tightest bends in the toughest directional bore paths. It has been field proven for bores of 1,000 feet and longer. Single-, Double-, Triple-, even 30-pipe bores have been successfully installed using Bore-Gard. This strength is complemented by the pipe's unique flexibility that enables it to bend without compromising the internal diameter shape, size, or load bearing ability. This combination of strength and flexibility offers unparalleled performance for directional drilling installations.

7. Easily Adapts to PVC Fittings:

Unlike HDPE pipe that has to be fusion welded together using expensive equipment, Bore-Gard can be cemented to standard Schedule 40 PVC products. Bore-Gard is manufactured from PVC to Schedule 40 dimensions allowing sections to be easily solvent cemented to standard PVC fittings. This enables it to work economically and seamlessly with Prime Conduit's P&C Flex® Corrugated Flexible PVC Conduit, Standard Sweeps, and Transition Adapters. No other system is as easily adaptable as Bore-Gard.

8. No Reel-Handling Equipment:

HDPE is shipped wound on large reels. For example, 4" SDR 13.5 HDPE comes on 8 ft. diameter, 1,400 lb. reels. 6" SDR 13.5 HDPE comes on 10 ft. diameter, 1,500 lb. and 2,300 lb. reels. These large and heavy reels require the use of expensive reel handling trailers and other power equipment, such as backhoes, to transport the reels to and from the job site. Bore-Gard comes in convenient bundles in 10 ft. and 20 ft. lengths that can fit onto the horizontal drill rig trucks and trailers, keeping equipment and transportation costs to a minimum. Once at the job site, individual sticks can be unloaded by hand without any power equipment, minimizing labor and equipment costs.

9. No Fusion Splicing Equipment:

HDPE requires use of either a butt-fusion welder or an electro-fusion welder and special couplings to join two pipe sections. Fusion welder machines cost from \$14,000 to \$40,000 dependent on the range of pipe sizes they can weld. Bore-Gard is much more convenient as it does not require any fusion splicing equipment. Sections are joined together by one person's hand assembly. Tools or expensive equipment are not required. No other conduit system is simpler or faster.

10. No Costly Reels to Return:

The reels for HDPE pipe are large, heavy, and difficult to handle. After the pipe is used, the reels must be returned to the original manufacturer for reuse. First, the reels must be disassembled before return shipment, which requires expensive labor and transportation charges to be incurred by the contractor. Bore-Gard eliminates all of these problems. Packaged in convenient bundles, there are no extraordinary labor and reel return charges. Simplify your trenchless conduit installations by using Bore-Gard PVC Trenchless conduit.

Prime Conduit, Inc.

CertainTeed Certa-Com™ Conduit

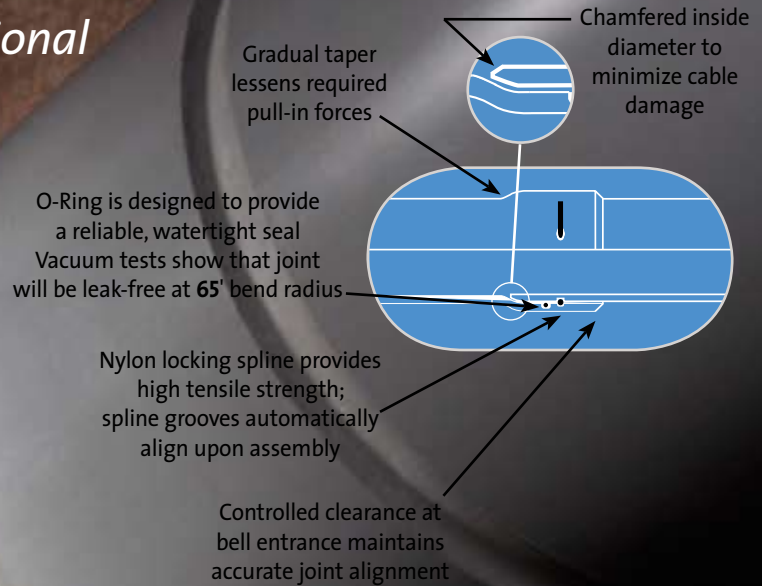
with CertainTeed's proven spline-lock restrained joint system

High Strength and Flexibility for Directional Drilling Applications

CertainTeed developed the spline-lock joining system over thirty years ago, and has successfully applied this technology in many demanding applications, including mining, irrigation, water well and trenchless water distribution systems.

Put this experience to work for you in your next trenchless conduit project.

NEMA TC-2



All the Advantages of the Contractor-Proven Certa-Lok™ PVC Joining System

- Lightweight and easy to handle
- Corrosion-resistant
- Engineered joint immediately achieves full strength in all weather conditions
- No solvent-cements required
- Eliminates the cost, handling, assembly, and wasted pipe problems associated with fused or coiled HDPE pipe
- 20' lengths facilitate rapid assembly and eliminate right-of-way requirements

CertainTeed 
Quality made certain. Satisfaction guaranteed.™

DIMENSIONS¹, WEIGHTS AND PERFORMANCE DATA

Size	O.D.	T min.	I.D at Min. Wall	Max. Tensile Pull ²		Recommended Minimum Bend		Joint Pressure Rating, psi	Approx. Weight lbs./ft.	BOD ⁵	C	X	W	D	P
				Straight ³	At 65' Bend Radius	Radius, ft.	% Change in Pitch per 10'								
3" SCH40	3.500	0.216	3.068	7,200	6,000	65	15.5%	80	1.38	3.98	5.25	3.00	0.375	.135	0.25
4" SCH40	4.500	0.237	4.026	11,900	9,000	75	13.4%	80	2.09	5.02	5.25	3.00	0.375	.135	0.25
5" SCH40	5.563	0.258	5.047	13,900	10,00	95	10.6%	80	2.83	6.10	5.25	3.00	0.375	.135	0.25
6" SCH40	6.625	0.280	6.065	16,700	12,000	115	8.7%	80	3.67	7.24	5.25	3.00	0.375	.135	0.25

NOTES:

1. All dimensions are in inches and are subject to normal manufacturing tolerances.
2. Based on UL witnessed testing in accordance with Sections 21 and 22 of UL Safety Standard 651 - an appropriate safety factor must be applied during pullback; use rig instrumentation to insure that this target pulling load is not exceeded.
3. Value shown is effective end load at failure developed as a result of pressure and/or pulling.
4. All UL tests indicate joint is leak-free at a 65' minimum bend radius
5. Borehole should be backreamed to a minimum of 1.5 * Bell O.D.

PACKAGING

Size	Part Number	Ft. per Fast-Pak	Fast-Paks per Truckload	Ft. per Truckload
3" SCH40	667015	920	28	25,760
4" SCH40	667039	580	28	16,240
5" SCH40	667046	460	24	11,040
6" SCH40	667053	400	20	8,000

NOTE: Standard overall length is 20'.

ACCESSORIES

Size	Extra Splines		Extra O-Rings	
	Part Number	Cross Section	Part Number	Cross Section
3" SCH40	864889*	0.250" square	861604	0.139
4" SCH40	864889	0.250" square	861239	0.210
5" SCH40	864889	0.250" square	861246	0.210
6" SCH40	865060	0.250" square	861253	0.210

NOTE: Sufficient splines and O-rings are shipped with each Fast-Pak of pipe.

*The spline needs to be trimmed after insertion as it will stick out about 6"

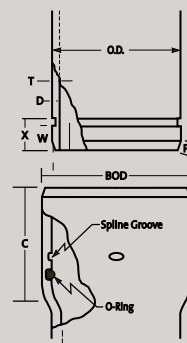
SPLINE INSERTION TOOL

For Pipe Size	Part Number
3" - 6"	707964



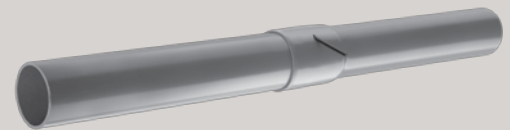
JOINT ASSEMBLY

1. Clean out ring groove in the belled-end with soap and water and insert the O-ring.
2. Align the bells with the spline entry holes facing in a direction (generally up) to facilitate easy spline insertion.
3. Clean the installed ring and the spigot end with soap and water – assemble joint and insert spline through entry hole in bell until it wraps completely around the conduit. Cut-off the excess spline. Note: In extreme cold-weather conditions, splines should be kept relatively warm in the truck-cab or elsewhere until just prior to use.
4. Joints should be assembled one-at-a-time as pullback continues – this lessens load during pullback, and minimizes the length of strung-out pipe that can create traffic disruptions.



PULLER HEAD INSTALLATION

NOTE: Cut off pipe at least 2" behind spline groove before attaching pulling eye. Tighten pulling eye in accordance with manufacturer's recommendations. Do not overtighten.



buildingresponsibly™

Building Responsibly with PVC Pipe

- PVC resin starts with two simple building blocks: chlorine (57%) from common salt, a plentiful and inexhaustible raw material, and ethylene (43%) from natural gas. Most of the natural gas utilized to manufacture ethylene is domestically produced, which reduces consumption of imported oil products.
- PVC Pipe manufacturing is an extremely efficient process. The ability to immediately return scrap and off-specification materials (reground) directly into the manufacturing process results in virtually no manufacturing waste.
- PVC pipes are completely recyclable and consume less energy to produce than alternative pipes
- Considering equipment utilization and reduced traffic disruption, trenchless construction methods using restrained-joint PVC pipe results in significantly lower carbon outputs compared to conventional open-cut methods.