

Power Utilities

Product Catalog



About

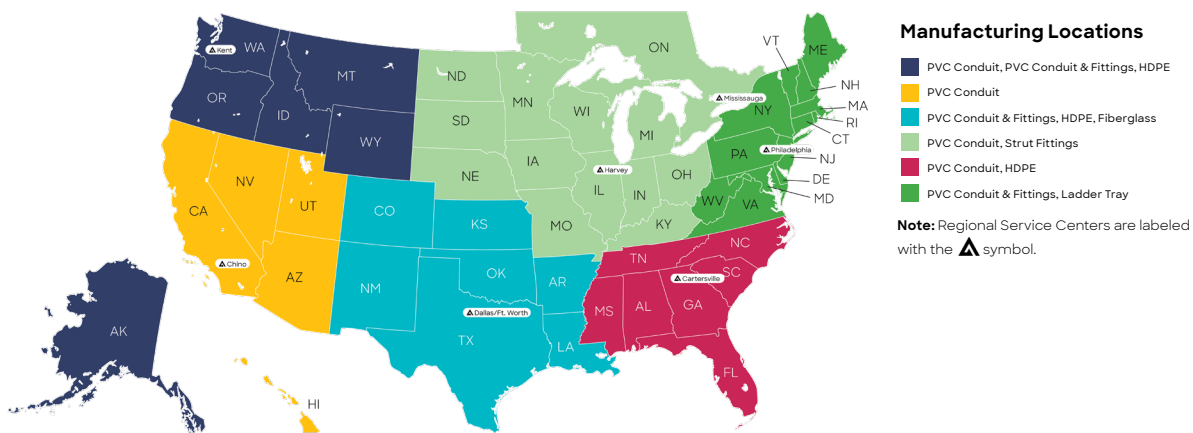


Atkore is a global manufacturer of electrical and industrial products with 5,600+ employees and 49 manufacturing and distribution plants. We produce a wide range of PVC, HDPE, and Fiberglass products for Broadband, Telecommunications, Industrial, and Electrical applications through multiple product brands.

We help our utility partners build resilient power systems.

Power generation and distribution are crucial for social and economic development, and demand is higher than ever. Atkore understands that safety, longevity, and efficiency are top of mind for power utilities as they expand infrastructure to meet demand. We provide market-leading products that cater to the specific construction needs of utility projects.

Whether utilities are building infrastructure for renewable or non-renewable power sources, Atkore offers a full line of products that meet relevant industry standards and withstand tough environments. Our team is ready to help you select the products that best suit your project requirements.



Codes and Compliance



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Atkore™
Heritage
Plastics

Atkore™
Allied Tube
& Conduit

PVC



Properties of PVC and Part Number Guide

Properties of PVC

Property	Unit	Value
Physical		
Specific Gravity	-	1.4 - 1.6
Tensile Strength	psi	5,000 - 7,000
Compressive Strength	psi	8,500 - 9,000
Flexural Strength	psi	11,000 - 12,000
Tensile Modulus	psi	400,000 - 500,000
Izod Impact Strength	[ft-lb] / inch of notch	0.65
Hardness	Durometer D	77
Thermal		
Coefficient of Linear Thermal Expansion	in/(in-°F)	3.0×10^{-5}
Deflection Temperature Under Load (264 psi)	°F	140 - 158
Thermal Conductivity	BTU-in/hr-ft ² - °F	1.0 - 1.3
Electrical		
Dielectric Strength	Volts per mil	1,100
Other		
Water Absorption	% max in 24 hrs at 72 °F	0.5%
Flammability	-	Self-extinguishing

Note: Values shown are approximate (typical) and are provided for informational use only.

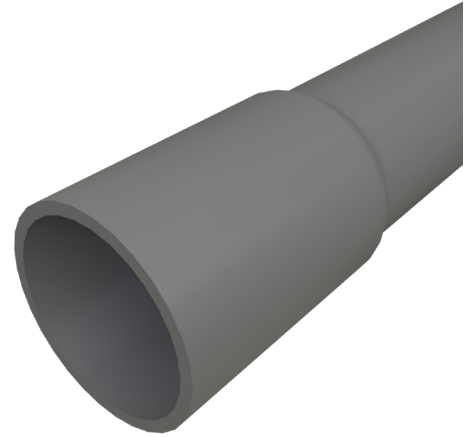
Part Number Guide

Rigid PVC Pipe	Fittings	Elbows
Schedule 40 ½" 10' Conduit 4005010 Schedule Trade Size Length in Feet	4" Coupling CP40 Product Trade Size	Schedule 40 2" x 90 x 36" Plain End Special Radius Elbow F402009036P Schedule Trade Size Degree Radius Plain End

Schedule 40 Rigid PVC Conduit

Conforms to UL 651 and NEMA TC 2

- Sunlight resistant per UL 651
- Listed for 90° C conductors or cable
- Product manufactured with one integral solvent-weld bell standard per length



Trade Size	Part Number		Dimensions (in)		Crate Quantity (ft)	
	10 Foot	20 Foot	Average Outside Diameter	Minimum Wall Thickness	10 Foot	20 Foot
Schedule 40						
½	4005010	4005020	0.840	0.109	6,000	12,000
¾	4007510	4007520	1.050	0.113	4,400	8,800
1	4010010	4010020	1.315	0.133	3,600	7,200
1 ¼	4012510	4012520	1.660	0.140	3,300	6,600
1 ½	4015010	4015020	1.900	0.145	2,250	4,500
2	4020010	4020020	2.375	0.154	1,400	2,800
2 ½	4025010	4025020	2.875	0.203	930	1,860
3	4030010	4030020	3.500	0.216	880	1,760
3 ½	4035010	4035020	4.000	0.226	630	1,260
4	4040010	4040020	4.500	0.237	570	1,140
5	4050010	4050020	5.563	0.258	380	760
6	4060010	4060020	6.625	0.280	260	520
8*	4080010	4080020	8.625	0.322	140	280

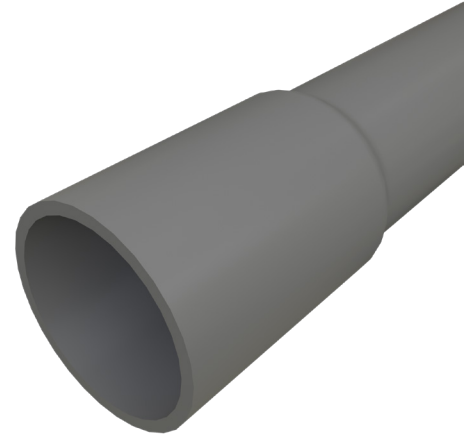
*8 inch products are not included in UL 651 and are therefore not certified by ETL.
 Product availability varies by region and minimum run quantities may apply.
 Conforms to UL 651 and NEMA TC 2.
 Sunlight resistant per UL 651.
 Rated for use with 90° C wiring.



Schedule 80 Rigid PVC Conduit

Conforms to UL 651 and NEMA TC 2

- Sunlight resistant per UL 651
- Listed for 90° C conductors or cable
- Product manufactured with one integral solvent-weld bell standard per length



Trade Size	Part Number		Dimensions (in)		Crate Quantity (ft)	
	10 Foot	20 Foot	Average Outside Diameter	Minimum Wall Thickness	10 Foot	20 Foot
Schedule 80						
½	8005010	8005020	0.840	0.147	6,000	12,000
¾	8007510	8007520	1.050	0.154	4,400	8,800
1	8010010	8010020	1.315	0.179	3,600	7,200
1 ¼	8012510	8012520	1.660	0.191	3,300	6,600
1 ½	8015010	8015020	1.900	0.200	2,250	4,500
2	8020010	8020020	2.375	0.218	1,400	2,800
2 ½	8025010	8025020	2.875	0.276	930	1,860
3	8030010	8030020	3.500	0.300	880	1,760
3 ½	8035010	8035020	4.000	0.318	630	1,260
4	8040010	8040020	4.500	0.337	570	1,140
5	8050010	8050020	5.563	0.375	380	760
6	8060010	8060020	6.625	0.432	260	520
8*	8080010	8080020	8.625	0.500	140	280

*8 inch products are not included in UL 651 and are therefore not certified by ETL.

Product availability varies by region and minimum run quantities may apply.

Conforms to UL 651 and NEMA TC 2.

Sunlight resistant per UL 651.

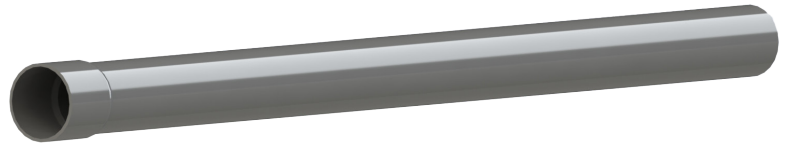
Rated for use with 90 degree C wiring.



Utility Duct Rigid PVC Conduit

Conforms to ASTM F 512 and NEMA TC 6/8

- DB for direct burial or concrete encased applications
- EB for concrete-encased applications
- Standard overall pipe length is 20-feet



Trade Size	Part Number	Dimensions (in)		Crate Quantity (ft)
		Average Outside Diameter	Minimum Wall Thickness	
DB 60				
2	6020020	2.375	0.060	2,800
3	6030020	3.500	0.092	1,760
4	6040020	4.500	0.121	1,140
5	6050020	5.563	0.152	760
6	6060020	6.625	0.182	520
DB 100				
3	1030020	3.500	0.112	1,760
4	1040020	4.500	0.145	1,140
5	1050020	5.563	0.179	760
6	1060020	6.625	0.213	520
DB 120				
1	1210020	1.315	0.060	7,200
1 ½	1215020	1.900	0.060	4,500
2	1220020	2.375	0.077	2,800
3	1230020	3.500	0.118	1,760
4	1240020	4.500	0.154	1,140
5	1250020	5.563	0.191	760
6	1260020	6.625	0.227	520

Product availability varies by region and minimum run quantities may apply.
 Conforms to NEMA TC 6 & 8 and ASTM F 512.
 Standard overall length is 20 feet.

Utility and C-Duct Rigid PVC Conduit

Utility

Trade Size	Part Number	Dimensions (in)		Crate Quantity (ft)
		Average Outside Diameter	Minimum Wall Thickness	
EB 20				
3	2030020	3.500	0.061	1,760
4	2040020	4.500	0.082	1,140
5	2050020	5.563	0.103	760
6	2060020	6.625	0.125	520
EB 35				
3	3530020	3.500	0.076	1,760
4	3540020	4.500	0.100	1,140
5	3550020	5.563	0.126	760
6	3560020	6.625	0.152	520

Product availability varies by region and minimum run quantities may apply.

EB products conform to NEMA TC 6 & 8 and ASTM F 512.

Standard overall length is 20 feet.

C-Duct Rigid PVC Conduit

Trade Size	Part Number	Dimensions (in)		Crate Quantity (ft)
		Average Outside Diameter	Minimum Wall Thickness	
C-Duct				
4 (white)	9040020WHT	4.350	0.140	1,260
4 (gray)	9040020	4.350	0.140	1,260

C-Duct compliance with CAO-8546 varies by region.

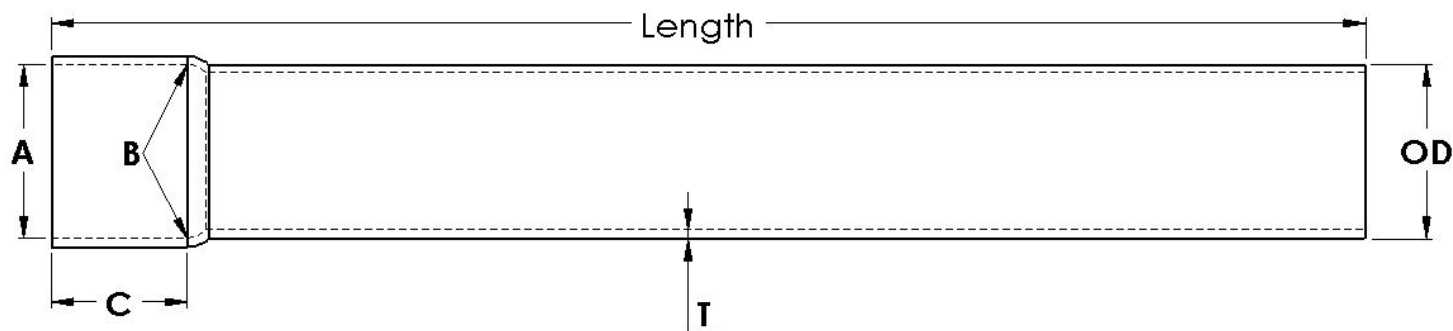
Pipe is produced in 20-foot laying lengths.

Cor-Tek® Schedule 40 Rigid PVC Conduit

Cellular Core

Conforms to UL 651 and NEMA TC 2

- Rated for use with 90° C wiring
- Sunlight resistant per UL 651



Trade Size	Part Number		Dimensions (in)			Bell Dimensions (in)			Approximate Weight per 100' (lbs)	Crate Quantity (ft)	
	10 Foot	20 Foot	Avg OD	Min Avg ID	T	A	B	C		10 Foot	20 Foot
3	4030010COR	4030020COR	3.500	3.008	0.216	3.515	3.492	4.00	124	880	1,760
3 ½	4035010COR	4035020COR	4.000	3.486	0.226	4.015	3.992	4.00	153	630	1,260
4	4040010COR	4040020COR	4.500	3.961	0.237	4.515	4.491	5.00	167	570	1,140
5	4050010COR	4050020COR	5.563	4.975	0.258	5.593	5.553	5.75	231	380	760
6	4060010COR	4060020COR	6.625	5.986	0.280	6.658	6.614	6.50	316	260	520

Standard UL 651 and NEMA TC 3 conduit fittings are used with Cellular Core conduit.

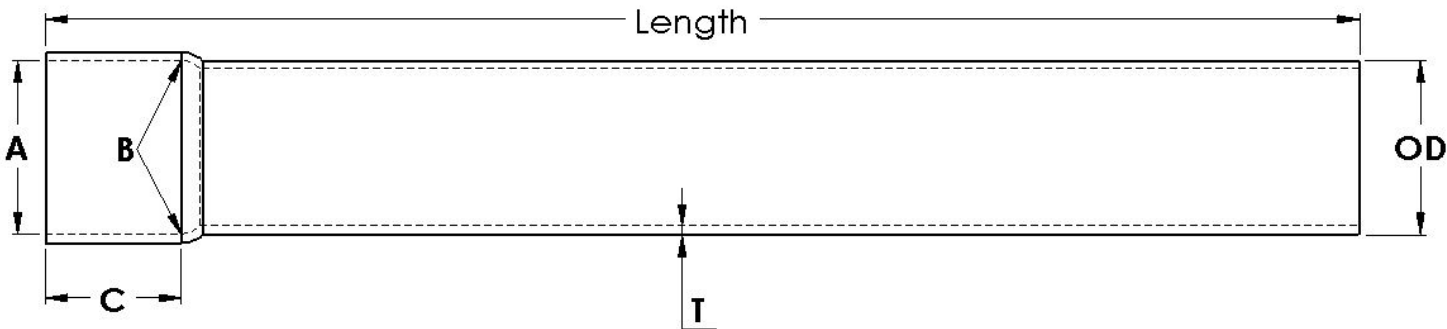


Cor-Tek® Schedule 80 Rigid PVC Conduit

Cellular Core

Conforms to UL 651 and NEMA TC 2

- Rated for use with 90° C wiring
- Sunlight resistant per UL 651

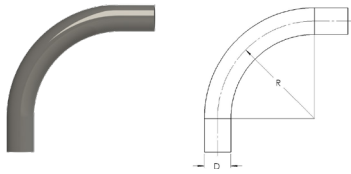


Trade Size	Part Number		Dimensions (in)			Bell Dimensions (in)			Approximate Weight per 100' (lbs)	Crate Quantity (ft)	
	10 Foot	20 Foot	Avg OD	Min Avg ID	T	A	B	C		10 Foot	20 Foot
3	8030010COR	8030020COR	3.500	2.820	0.300	3.515	3.492	4.00	165	880	1,760
4	8040010COR	8040020COR	4.500	3.737	0.337	4.515	4.491	5.00	236	570	1,140
5	8050010COR	8050020COR	5.563	4.713	0.375	5.593	5.553	5.75	299	380	760
6	8060010COR	8060020COR	6.625	5.646	0.432	6.658	6.614	6.50	448	260	520

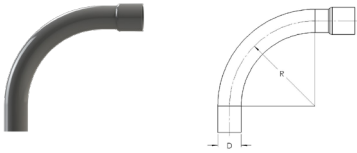
Standard UL 651 and NEMA TC 3 conduit fittings are used with Cellular Core conduit.



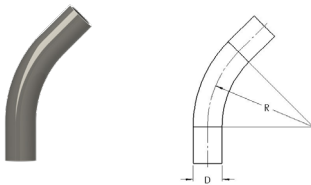
Schedule 40 Standard Radius Elbows



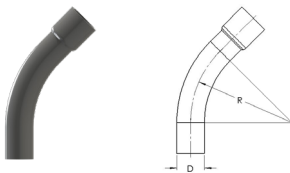
90° Plain End



90° Bell End



45° Plain End



45° Bell End

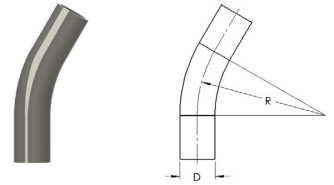
Trade Size	Part Number		Dimensions (in)		Package Quantity
	Plain End	Bell End	Average Outside Diameter, D	Radius R	
90°					
½	F4005090P	F4005090	0.840	4.00	50
¾	F4007590P	F4007590	1.050	4.50	25
1	F4010090P	F4010090	1.315	5.75	25
1 ¼	F4012590P	F4012590	1.660	7.25	25
1 ½	F4015090P	F4015090	1.900	8.25	25
2	F4020090P	F4020090	2.375	9.50	25
2 ½	F4025090P	F4025090	2.875	10.50	50
3	F4030090P	F4030090	3.500	13.00	50
3 ½	F4035090P	F4035090	4.000	15.00	25
4	F4040090P	F4040090	4.500	16.00	25
5	F4050090P	F4050090	5.563	24.00	20
6	F4060090P	F4060090	6.625	30.00	16
45°					
½	F4005045P	F4005045	0.840	4.00	50
¾	F4007545P	F4007545	1.050	4.50	25
1	F4010045P	F4010045	1.315	5.75	25
1 ¼	F4012545P	F4012545	1.660	7.25	25
1 ½	F4015045P	F4015045	1.900	8.25	25
2	F4020045P	F4020045	2.375	9.50	25
2 ½	F4025045P	F4025045	2.875	10.50	50
3	F4030045P	F4030045	3.500	13.00	50
3 ½	F4035045P	F4035045	4.000	15.00	25
4	F4040045P	F4040045	4.500	16.00	25
5	F4050045P	F4050045	5.563	24.00	20
6	F4060045P	F4060045	6.625	30.00	16

Product availability varies by region and minimum run quantities may apply.
 These parts are compatible with the PVC Cellular Conduit products that Atkore offers.
 Listed to UL 651.

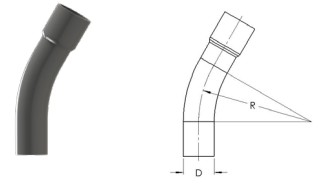


Schedule 40 Standard Radius Elbows

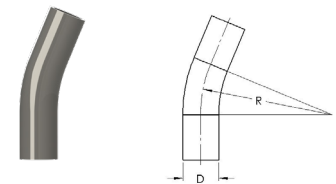
Trade Size	Part Number		Dimensions (in)		Package Quantity
	Plain End	Bell End	Average Outside Diameter, D	Radius R	
30°					
¾	F4007530P	F4007530	1.050	4.50	25
1	F4010030P	F4010030	1.315	5.75	25
1 ¼	F4012530P	F4012530	1.660	7.25	25
1 ½	F4015030P	F4015030	1.900	8.25	25
2	F4020030P	F4020030	2.375	9.50	25
2 ½	F4025030P	F4025030	2.875	10.50	20
3	F4030030P	F4030030	3.500	13.00	50
3 ½	F4035030P	F4035030	4.000	15.00	25
4	F4040030P	F4040030	4.500	16.00	25
5	F4050030P	F4050030	5.563	24.00	20
6	F4060030P	F4060030	6.625	30.00	16
22 ½°					
¾	F4007522P	F4007522	1.050	4.50	25
1	F4010022P	F4010022	1.315	5.75	25
1 ¼	F4012522P	F4012522	1.660	7.25	25
1 ½	F4015022P	F4015022	1.900	8.25	25
2	F4020022P	F4020022	2.375	9.50	25
2 ½	F4025022P	F4025022	2.875	10.50	20
3	F4030022P	F4030022	3.500	13.00	50
3 ½	F4035022P	F4035022	4.000	15.00	25
4	F4040022P	F4040022	4.500	16.00	25
5	F4050022P	F4050022	5.563	24.00	20
6	F4060022P	F4060022	6.625	30.00	16



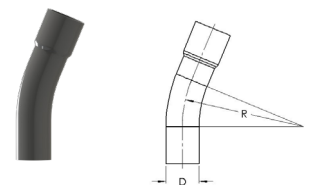
30° Plain End



30° Bell End



22 1/2° Plain End

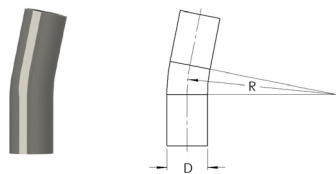


22 1/2° Bell End

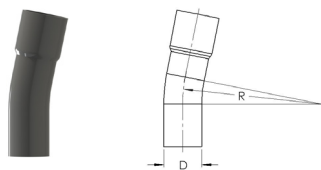
Product availability varies by region and minimum run quantities may apply.
These parts are compatible with the PVC Cellular Conduit products that Atkore offers.
Listed to UL 651.



Schedule 40 Standard Radius Elbows



11 1/4° Plain End



11 1/4° Bell End

Trade Size	Part Number		Dimensions (in)		Package Quantity
	Plain End	Bell End	Average Outside Diameter, D	Radius R	
11 ¼°					
¾	F4007511P	F4007511	1.050	4.50	25
1	F4010011P	F4010011	1.315	5.75	25
1 ¼	F4012511P	F4012511	1.660	7.25	25
1 ½	F4015011P	F4015011	1.900	8.25	25
2	F4020011P	F4020011	2.375	9.50	25
2 ½	F4025011P	F4025011	2.875	10.50	20
3	F4030011P	F4030011	3.500	13.00	50
3 ½	F4035011P	F4035011	4.000	15.00	25
4	F4040011P	F4040011	4.500	16.00	25
5	F4050011P	F4050011	5.563	24.00	20
6	F4060011P	F4060011	6.625	30.00	16

Product availability varies by region and minimum run quantities may apply.
 These parts are compatible with the PVC Cellular Conduit products that Atkore offers.
 Listed to UL 651.



Schedule 40 Plain End Special Radius Elbows

Trade Size	Part Number						Package Quantity
	18" Radius	24" Radius	30" Radius	36" Radius	48" Radius	60" Radius	
90°							
1	F401009018P	F401009024P	F401009030P	F401009036P	F401009048P	F401009060P	25
1 ¼	F401259018P	F401259024P	F401259030P	F401259036P	F401259048P	F401259060P	25
1 ½	F401509018P	F401509024P	F401509030P	F401509036P	F401509048P	F401509060P	25
2	F402009018P	F402009024P	F402009030P	F402009036P	F402009048P	F402009060P	50
2 ½	F402509018P	F402509024P	F402509030P	F402509036P	F402509048P	F402509060P	50
3	F403009018P	F403009024P	F403009030P	F403009036P	F403009048P	F403009060P	50
3 ½	F403509018P	F403509024P	F403509030P	F403509036P	F403509048P	F403509060P	25
4	F404009018P	F404009024P	F404009030P	F404009036P	F404009048P	F404009060P	25
5	-	F4050090P	F405009030P	F405009036P	F405009048P	F405009060P	20
6	-	-	F4060090P	F406009036P	F406009048P	F406009060P	16
45°							
1	F401004518P	F401004524P	F401004530P	F401004536P	F401004548P	F401004560P	25
1 ¼	F401254518P	F401254524P	F401254530P	F401254536P	F401254548P	F401254560P	25
1 ½	F401504518P	F401504524P	F401504530P	F401504536P	F401504548P	F401504560P	25
2	F402004518P	F402004524P	F402004530P	F402004536P	F402004548P	F402004560P	50
2 ½	F402504518P	F402504524P	F402504530P	F402504536P	F402504548P	F402504560P	50
3	F403004518P	F403004524P	F403004530P	F403004536P	F403004548P	F403004560P	50
3 ½	F403504518P	F403504524P	F403504530P	F403504536P	F403504548P	F403504560P	25
4	F404004518P	F404004524P	F404004530P	F404004536P	F404004548P	F404004560P	25
5	-	F4050045P	F405004530P	F405004536P	F405004548P	F405004560P	20
6	-	-	F4060045P	F406004536P	F406004548P	F406004560P	16

Call for availability on 30°, 22 ½° and 11 ¼° special radius elbows.
 These parts are compatible with the PVC Cellular Conduit products that Atkore offers.
 Product availability varies by region and minimum run quantities may apply.
 Listed to UL 651.



Schedule 40 Bell End Special Radius Elbows

Trade Size	Part Number						Package Quantity
	18" Radius	24" Radius	30" Radius	36" Radius	48" Radius	60" Radius	
90°							
1	F401009018	F401009024	F401009030	F401009036	F401009048	F401009060	25
1 ¼	F401259018	F401259024	F401259030	F401259036	F401259048	F401259060	25
1 ½	F401509018	F401509024	F401509030	F401509036	F401509048	F401509060	25
2	F402009018	F402009024	F402009030	F402009036	F402009048	F402009060	50
2 ½	F402509018	F402509024	F402509030	F402509036	F402509048	F402509060	50
3	F403009018	F403009024	F403009030	F403009036	F403009048	F403009060	50
3 ½	F403509018	F403509024	F403509030	F403509036	F403509048	F403509060	25
4	F404009018	F404009024	F404009030	F404009036	F404009048	F404009060	25
5	-	F4050090	F405009030	F405009036	F405009048	F405009060	20
6	-	-	F4060090	F406009036	F406009048	F406009060	16
45°							
1	F401004518	F401004524	F401004530	F401004536	F401004548	F401004560	25
1 ¼	F401254518	F401254524	F401254530	F401254536	F401254548	F401254560	25
1 ½	F401504518	F401504524	F401504530	F401504536	F401504548	F401504560	25
2	F402004518	F402004524	F402004530	F402004536	F402004548	F402004560	50
2 ½	F402504518	F402504524	F402504530	F402504536	F402504548	F402504560	50
3	F403004518	F403004524	F403004530	F403004536	F403004548	F403004560	50
3 ½	F403504518	F403504524	F403504530	F403504536	F403504548	F403504560	25
4	F404004518	F404004524	F404004530	F404004536	F404004548	F404004560	25
5	-	F4050045	F405004530	F405004536	F405004548	F405004560	20
6	-	-	F4060045	F406004536	F406004548	F406004560	16

Call for availability on 30°, 22 ½° and 11 ¼° special radius elbows.

These parts are compatible with the PVC Cellular Conduit products that Atkore offers.

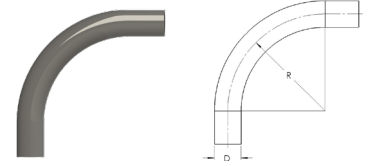
Product availability varies by region and minimum run quantities may apply.

Listed to UL 651.

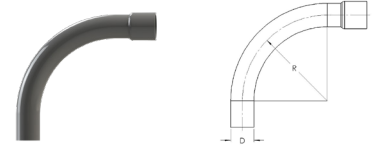


Schedule 80 Standard Radius Elbows

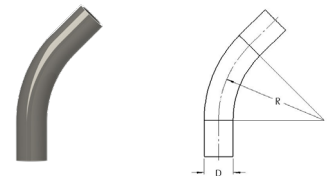
Trade Size	Part Number		Dimensions (in)		Package Quantity
	Plain End	Bell End	Average Outside Diameter, D	Radius R	
90°					
½	F8005090P	F8005090	0.840	4.00	50
¾	F8007590P	F8007590	1.050	4.50	25
1	F8010090P	F8010090	1.315	5.75	25
1 ¼	F8012590P	F8012590	1.660	7.25	25
1 ½	F8015090P	F8015090	1.900	8.25	25
2	F8020090P	F8020090	2.375	9.50	25
2 ½	F8025090P	F8025090	2.875	10.50	50
3	F8030090P	F8030090	3.500	13.00	50
3 ½	F8035090P	F8035090	4.000	15.00	25
4	F8040090P	F8040090	4.500	16.00	25
5	F8050090P	F8050090	5.563	24.00	20
6	F8060090P	F8060090	6.625	30.00	16
45°					
½	F8005045P	F8005045	0.840	4.00	50
¾	F8007545P	F8007545	1.050	4.50	25
1	F8010045P	F8010045	1.315	5.75	25
1 ¼	F8012545P	F8012545	1.660	7.25	25
1 ½	F8015045P	F8015045	1.900	8.25	25
2	F8020045P	F8020045	2.375	9.50	25
2 ½	F8025045P	F8025045	2.875	10.50	50
3	F8030045P	F8030045	3.500	13.00	50
3 ½	F8035045P	F8035045	4.000	15.00	25
4	F8040045P	F8040045	4.500	16.00	25
5	F8050045P	F8050045	5.563	24.00	20
6	F8060045P	F8060045	6.625	30.00	16



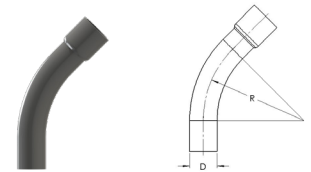
90° Plain End



90° Bell End



45° Plain End

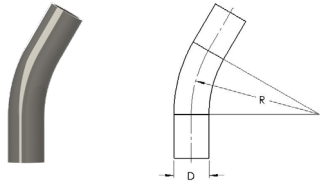


45° Bell End

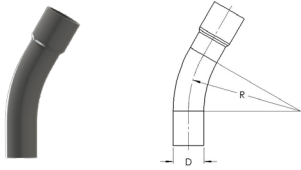
Product availability varies by region and minimum run quantities may apply.
These parts are compatible with the PVC Cellular Conduit products that Atkore offers.
Listed to UL 651.



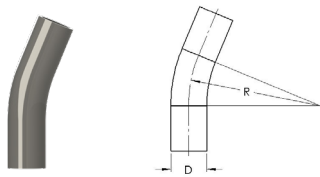
Schedule 80 Standard Radius Elbows



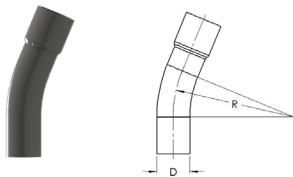
30° Plain End



30° Bell End



22 1/2° Plain End



22 1/2° Bell End

Trade Size	Part Number		Dimensions (in)		Package Quantity
	Plain End	Bell End	Average Outside Diameter, D	Radius R	
30°					
¾	F8007530P	F8007530	1.050	4.50	25
1	F8010030P	F8010030	1.315	5.75	25
1 ¼	F8012530P	F8012530	1.660	7.25	25
1 ½	F8015030P	F8015030	1.900	8.25	25
2	F8020030P	F8020030	2.375	9.50	25
2 ½	F8025030P	F8025030	2.875	10.50	20
3	F8030030P	F8030030	3.500	13.00	50
3 ½	F8035030P	F8035030	4.000	15.00	25
4	F8040030P	F8040030	4.500	16.00	25
5	F8050030P	F8050030	5.563	24.00	20
6	F8060030P	F8060030	6.625	30.00	16
22 ½°					
¾	F8007522P	F8007522	1.050	4.50	25
1	F8010022P	F8010022	1.315	5.75	25
1 ¼	F8012522P	F8012522	1.660	7.25	25
1 ½	F8015022P	F8015022	1.900	8.25	25
2	F8020022P	F8020022	2.375	9.50	25
2 ½	F8025022P	F8025022	2.875	10.50	20
3	F8030022P	F8030022	3.500	13.00	50
3 ½	F8035022P	F8035022	4.000	15.00	25
4	F8040022P	F8040022	4.500	16.00	25
5	F8050022P	F8050022	5.563	24.00	20
6	F8060022P	F8060022	6.625	30.00	16

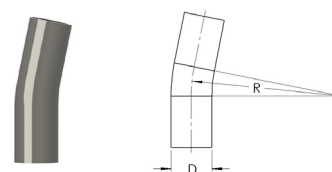
Product availability varies by region and minimum run quantities may apply.
 These parts are compatible with the PVC Cellular Conduit products that Atkore offers.
 Listed to UL 651.



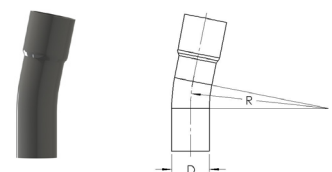
Schedule 80 Standard Radius Elbows

Trade Size	Part Number		Dimensions (in)		Package Quantity
	Plain End	Bell End	Average Outside Diameter, D	Radius R	
11 ¼°					
¾	F8007511P	F8007511	1.050	4.50	25
1	F8010011P	F8010011	1.315	5.75	25
1 ¼	F8012511P	F8012511	1.660	7.25	25
1 ½	F8015011P	F8015011	1.900	8.25	25
2	F8020011P	F8020011	2.375	9.50	25
2 ½	F8025011P	F8025011	2.875	10.50	20
3	F8030011P	F8030011	3.500	13.00	50
3 ½	F8035011P	F8035011	4.000	15.00	25
4	F8040011P	F8040011	4.500	16.00	25
5	F8050011P	F8050011	5.563	24.00	20
6	F8060011P	F8060011	6.625	30.00	16

Product availability varies by region and minimum run quantities may apply.
 These parts are compatible with the PVC Cellular Conduit products that Atkore offers.
 Listed to UL 651.



11 1/4° Plain End



11 1/4° Bell End

Schedule 80 Standard Radius Elbows

Trade Size	Part Number			Package Quantity
	24" Radius	36" Radius	48" Radius	
Plain End 90°				
2	F802009024P	F802009036P	F802009048P	50
2 ½	F802509024P	F802509036P	F802509048P	50
3	F803009024P	F803009036P	F803009048P	50
4	F804009024P	F804009036P	F804009048P	25
5	F8050090P	F805009036P	F805009048P	20
6	-	F806009036P	F806009048P	16
Plain End 45°				
2	F802004524P	F802004536P	F802004548P	50
2 ½	F802504524P	F802504536P	F802504548P	50
3	F803004524P	F803004536P	F803004548P	50
4	F804004524P	F804004536P	F804004548P	25
5	F8050045P	F805004536P	F805004548P	20
6	-	F806004536P	F806004548P	16
Bell End 90°				
2	F802009024	F802009036	F802009048	50
2 ½	F802509024	F802509036	F802509048	50
3	F803009024	F803009036	F803009048	50
4	F804009024	F804009036	F804009048	25
5	F8050090	F805009036	F805009048	20
6	-	F806009036	F806009048	16
Bell End 45°				
2	F802004524	F802004536	F802004548	50
2 ½	F802504524	F802504536	F802504548	50
3	F803004524	F803004536	F803004548	50
4	F804004524	F804004536	F804004548	25
5	F8050045	F805004536	F805004548	20
6	-	F806004536	F806004548	16

Call for availability on 30°, 22 ½° and 11 ¼° special radius elbows.

These parts are compatible with the PVC Cellular Conduit products that Atkore offers.

Product availability varies by region and minimum run quantities may apply.

Listed to UL 651.



Utility and C-Duct Special Radius Elbows

Trade Size	Part Number				Package Quantity
	24" Radius	36" Radius	48" Radius	60" Radius	
90°					
1	F121009024	F121009036	F121009048	F121009060	25
2	F122009024	F122009036	F122009048	F122009060	50
3	F123009024	F123009036	F123009048	F123009060	50
4	F124009024	F124009036	F124009048	F124009060	25
5	F125009024	F125009036	F125009048	F125009060	20
6	-	F126009036	F126009048	F126009060	16
45°					
1	F121004524	F121004536	F121004548	F121004560	25
2	F122004524	F122004536	F122004548	F122004560	50
3	F123004524	F123004536	F123004548	F123004560	50
4	F124004524	F124004536	F124004548	F124004560	25
5	F125004524	F125004536	F125004548	F125004560	20
6	-	F126004536	F126004548	F126004560	16
22 ½°					
1	F121002224	F121002236	F121002248	F121002260	25
2	F122002224	F122002236	F122002248	F122002260	50
3	F123002224	F123002236	F123002248	F123002260	50
4	F124002224	F124002236	F124002248	F124002260	25
5	F125002224	F125002236	F125002248	F125002260	20
6	-	F126002236	F126002248	F126002260	16

Sweeps made from DB 120, but can be used with any EB or DB duct.

These parts are compatible with the PVC Cellular Conduit products that Atkore offers.

Degree	Part Number				Package Quantity
	24" Radius	36" Radius	48" Radius	60" Radius	
90°	F904009024	F904009036	F904009048	F904009060	25
45°	F904004524	F904004536	F904004548	F904004560	25
22 1/2°	F904002224	F904002236	F904002248	F904002260	25
11 1/4°	F904001124	F904001136	F904001148	F904001160	25

If you don't see the product you require, please call for availability.

Product availability varies by region and minimum run quantities may apply.

These parts are compatible with the PVC Cellular Conduit products that Atkore offers.

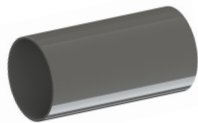
Repair Couplings



Expansion Coupling
One Piece



Expansion Coupling
Two Piece



Repair Sleeve Coupling

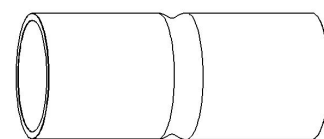
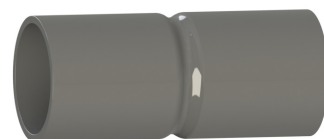
Trade Size	Part Number	Package Quantity
One Piece Expansion Couplings		
½	EJ-105	10
¾	EJ-107	50
1	EJ-110	40
1 ¼	EJ-112	25
1 ½	EJ-115	15
2	EJ-120	10
Two Piece Expansion Couplings		
½	EJ05	25
¾	EJ07	25
1	EJ10	40
1 ¼	EJ12	20
1 ½	EJ15	20
2	EJ20	10
2 ½	EJ25	9
3	EJ30	9
3 ½	EJ35	5
4	EJ40	5
5	EJ50	1
6	EJ60	1
Repair Sleeve Couplings		
1	40REC10	50
1 ¼	40REC12	50
1 ½	40REC15	50
2	40REC20	50
2 ½	40REC25	30
3	40REC30	30
4	40REC40	30
5	40REC50	15
6	40REC60	10

Product availability may vary by region.

These parts are compatible with the PVC Cellular Conduit products that Atkore offers.

Swedge Couplings

Trade Size	Part Number	Package Quantity
DB		
1 ½	60SWC15	50
2	60SWC20	50
3	60SWC30	30
4	60SWC40	30
5	60SWC50	15
6	60SWC60	10
Schedule 40		
1	40SWC10	50
1 ¼	40SWC12	50
1 ½	40SWC15	50
2	40SWC20	50
2 ½	40SWC25	30
3	40SWC30	30
4	40SWC40	30
5	40SWC50	15
6	40SWC60	10
8	40SWC80	6
Schedule 80		
2	80SWC20	50
3	80SWC30	30
C-Duct		
4 C-Duct to 4 Duct	C60SWC40	30
4	CSWC40	30

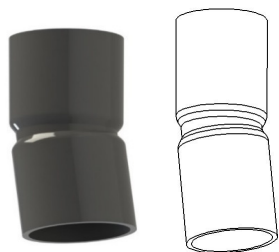


Swedge Coupling

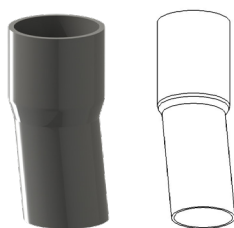
Product availability may vary by region.

These parts are compatible with the PVC Cellular Conduit products that Atkore offers.

5° Couplings



Bell x Bell



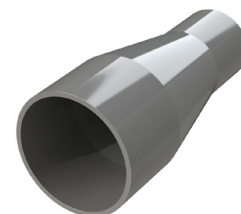
Bell x Spigot

Trade Size	Part Number		Package Quantity
	Bell x Bell	Bell x Spigot	
DB			
3	605EC30BB	605EC30BS	30
4	605EC40BB	605EC40BS	30
5	605EC50BB	605EC50BS	15
6	605EC60BB	605EC60BS	10
Schedule 40			
2	405EC20BB	405EC20BS	50
3	405EC30BB	405EC30BS	30
4	405EC40BB	405EC40BS	30
5	405EC50BB	405EC50BS	15
6	405EC60BB	405EC60BS	10
C-Duct			
4	C5EC40BB	C5EC40BS	30

Product availability may vary by region.
These parts are compatible with the PVC Cellular Conduit products that Atkore offers.

Swedge Reducers

Trade Size	Part Number	Package Quantity
DB		
2 ½ x 2	60SW2520SS	100
3 x 2	60SW3020SS	80
3 x 2 ½	60SW3025SS	80
4 x 3	60SW4030SS	60
5 x 4	60SW5040SS	36
6 x 5	60SW6050SS	36
Schedule 40		
1 ½ x 1	40SW1510SS	25
2 x 1 ½	40SW2015SS	25
2 ½ x 2	40SW2520SS	80
3 x 2	40SW3020SS	80
3 x 2 ½	40SW3025SS	80
4 x 3	40SW4030SS	60
5 x 4	40SW5040SS	36
6 x 5	40SW6050SS	36
Schedule 80		
3 x 2	80SW3020SS	80
4 x 3	80SW4030SS	60
5 x 4	80SW5040SS	36

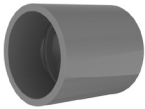


Swedge Reducer
Spigot x Spigot

Product availability may vary by region.

These parts are compatible with the PVC Cellular Conduit products that Atkore offers.

Couplings



Coupling



Long Line Coupling

Trade Size	Part Number	Package Quantity
Couplings		
1/2	CP05	200
3/4	CP07	125
1	CP10	70
1 1/4	CP12	40
1 1/2	CP15	30
2	CP20	40
2 1/2	CP25	20
3	CP30	40
3 1/2	CP35	30
4	CP40	20
5	CP50	10
6	CP60	8
8*	CP80	2
Long Line Couplings		
1 1/2	LLC15	25
2	LLC20	20
2 1/2	LLC25	25
3	LLC30	25
4	LLC40	15
5**	LLC50	8
6**	LLC60	4

Product availability may vary by region.

*8 inch products are not included in UL 651.

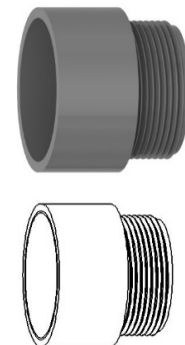
Conforms to NEMA TC-3.

These parts are compatible with the PVC Cellular Conduit products that Atkore offers.

Terminal and Female Adapters

Trade Size	Part Number	Package Quantity
Terminal Adapters		
1/2	TA05	200
3/4	TA07	125
1	TA10	70
1 1/4	TA12	40
1 1/2	TA15	30
2	TA20	40
2 1/2	TA25	20
3	TA30	40
3 1/2	TA35	30
4	TA40	20
5	TA50	10
6	TA60	8
8*	TA80	3

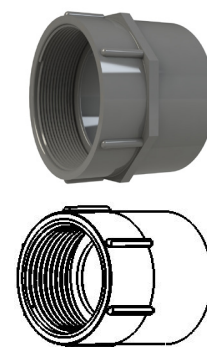
*8 inch products are not included in UL 651.
These parts are compatible with the PVC Cellular Conduit products that Atkore offers.



Terminal Adapters

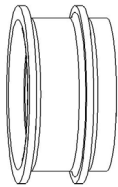
Trade Size	Part Number	Package Quantity
Female Adapters		
1/2	FA05	200
3/4	FA07	125
1	FA10	70
1 1/4	FA12	40
1 1/2	FA15	30
2	FA20	40
2 1/2	FA25	20
3	FA30	40
3 1/2	FA35	30
4	FA40	20
5	FA50	10
6	FA60	8
8*	FA80	2

*8 inch products are not included in UL 651.
These parts are compatible with the PVC Cellular Conduit products that Atkore offers.



Female Adapters

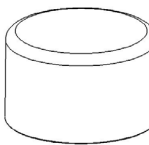
End Bells and End Caps



End Bell

Trade Size	Part Number	Package Quantity
End Bells		
½	MEB05	200
¾	MEB07	200
1	MEB10	50
1 ¼	MEB12	50
1 ½	MEB15	50
2	MEB20	40
2 ½	MEB25	30
3	MEB30	50
3 ½	MEB35	50
4	MEB40	50
5	MEB50	25
6	MEB60	15
8	MEB80	1

Product availability may vary by region.
These parts are compatible with the PVC Cellular Conduit products that Atkore offers.



End Cap

Trade Size	Part Number	Package Quantity
End Caps		
½	EC05	200
¾	EC07	150
1	EC10	100
1 ¼	EC12	40
1 ½	EC15	40
2	EC20	20
2 ½	EC25	15
3	EC30	10
3 ½	EC35	25
4	EC40	12
5	EC50	5
6	EC60	10
8	EC80	1

Product availability may vary by region.
These parts are compatible with the PVC Cellular Conduit products that Atkore offers.

Primers, Cements and Cleaners

Type	Size	Part Number	Package Quantity
Primer			
Clear	Quart	PRMC20	12
Purple	Pint	PRMP10	12
Purple	Quart	PRMP20	12

Product availability may vary by region.

These parts are compatible with the PVC Cellular Conduit products that Atkore offers.

Type	Size	Part Number	Package Quantity
Cement			
Regular Body - Clear	Pint	CEMCR10	12
Regular Body - Clear	Quart	CEMCR20	12
Medium Body - Clear	Half Pint	CEMC05	24
Medium Body - Clear	Pint	CEMC10	12
Medium Body - Clear	Quart	CEMC20	12
Medium Body - Clear	Gallon	CEMC80	6
Medium Body - Gray	Quart	CEMG20	12
Heavy Body - Clear	Quart	CEMCH20	12
All Weather - Clear	Pint	CWC10	12
All Weather - Clear	Quart	CWC20	12
All Weather - Blue	Quart	CWB20	12

Product availability may vary by region.

Trade Size	Part Number	Package Quantity
Service Entrance Heads		
½	MH05	25
¾	MH07	20
1	MH10	15
1 ¼	MH12	20
1 ½	MH15	5
2	MH20	5
2 ½	MH25	2
3	MH30	2
3 ½	MH35	2
4	MH40	2

These parts are compatible with the PVC Cellular Conduit products that Atkore offers.



Service Entrance Head

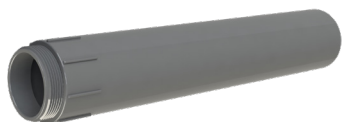
Accessories



Two Hole Pipe Strap

Trade Size	Part Number	Package Quantity
Two Hole Pipe Straps		
½	PS05	100
¾	PS07	100
1	PS10	100
1 ¼	PS12	50
1 ½	PS15	25
2	PS20	25
2 ½	PS25	100
3	PS30	100
4	PS40	50

Product availability may vary by region.
These parts are compatible with the PVC Cellular Conduit products that Atkore offers.



Slip Meter Riser

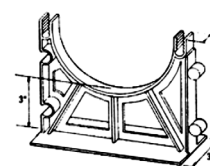
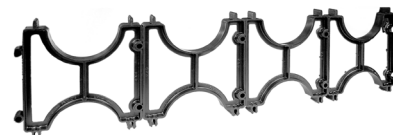
Trade Size	Part Number	Package Quantity
Slip Meter Riser		
2	MTR40200	10
2 ½	MTR40250	8
3	MTR40300	5
4	MTR40400	3

Product availability may vary by region.
These parts are compatible with the PVC Cellular Conduit products that Atkore offers.

Spacers

Trade Size	Part Number	Package Quantity	Part Number	Package Quantity
	Intermediate Spacers		Base Spacers	
2 x 1 ½	IV2015	350	BV2015	250
2 x 2	IV2020	300	BV2020	225
2 x 3	IV2030	200	BV2030	225
3 x 1 ½	IV3015	225	BV3015	175
3 x 2	IV3020	200	BV3020	155
3 x 3	IV3030	125	BV3030	150
4 x 1	IV4010	200	BV4010	175
4 x 1 ½	IV4015	150	BV4015	140
4 x 2	IV4020	125	BV4020	140
4 x 3	IV4030	90	BV4030	120
5 x 1 ½	IV5015	100	BV5015	120
5 x 2	IV5020	100	BV5020	120
5 x 3	IV5030	80	BV5030	100
6 x 1 ½	IV6015	100	BV6015	100
6 x 2	IV6020	90	BV6020	100
6 x 3	IV6030	70	BV6030	95
8 x 2	IV8020	60	BV8020	50

Product availability may vary by region.



Spacers

Tapered Plugs



Expandable Plug



Temporary Plug

Trade Size	Part Number	Package Quantity
Expandable Plugs		
2	KW20L	50
2 ½	KW25L	30
3	KW30L	30
4	KW40L	30
5	KW50L	20
Temporary Plugs		
1	UTP10	100
1 ¼	UTP12	100
1 ½	UTP15	100
2	UTP20	100
2 ½	UTP25	100
3	UTP30	80
3 ½	UTP35	80
4	UTP40	50
5	UTP50	40
6	UTP60	30
8	UTP80	12

Product availability may vary by region.



United Poly Systems ▴ Heritage Plastics
Allied Tube & Conduit

HDPE



Power-Line™

Power-Line protects electrical lines. Applications include neighborhood electrical transfer, long distance transfer, municipal, and DoT projects.

Standards:

Meets or exceeds ASTM D3350 & UL 651A

Sizes:

- IPS in diameters $\frac{3}{4}$ - 16 inches
- DIPS in diameters 4 - 26 inches

Colors:

- Most common colors are red and black with red stripes
- Available in 12 colors plus optional striping

Ribbing:

- Straight longitudinal internal ribbing is available for 2 inch diameter conduit and below
- Uniform straight internal ribbing spans the length of the pipe

Pull Tape:

- Pull tape offered in several tensile strengths
- Atkore - United Poly Systems standard pull tape is 1130 lbs strength
- Other options include strengths from 200 to 2500 lbs



Installation Methods:

- Plow
- Direct Burial
- HDD
- Within existing conduit

Delivery Methods:

- Segmented Reels
- Separate lines can be wound on the same reel

HDPE conduit material definition according to ASTM F2160

Property	Range or Minimum Requirement	Units	Cell Class	Test Method
Density	0.941 - 0.955	g/cc	3	ASTM D 792 or 1505
Melt Index	< 0.25 - 0.40	g/10 minutes	3 or 4	ASTM D 1238
Flexural Modulus	110,000 - 160,000	psi	4 or 5	ASTM D 790
Tensile Strength	3000 - 4000	psi	4 or 5	ASTM D 638
Environmental Stress Crack Resistance	F20 > 192	Hours (condition C)	3 or 4	ASTM D 1693
HDB	Not Defined	—	0, 1, 2, 3 or 4	ASTM D 2837

These are nominal values and used as guidelines only. This is not a product specification and does not indicate minimum or maximum operating values.

Pro-Line™

Pro-Line is Atkore's PVC replacement product for power utility, electrical, telecom, energy and infrastructure applications and can also be used for water flow line/water transmission. Pro-Line is UL listed and is available in 20-, 40- and 50-ft lengths.

Pro-Line is manufactured in IPS (Iron Pipe Size) size from ¾- to 8-in. diameter. Pro-Line is manufactured in grey or black with striping options. It is available with a factory-attached coupler, so the product is ready for installation once delivered to the project site.



Benefits:

- Flexibility
- More installation methods available for Pro-Line when compared to copper pipe
- Better resistance to cold/ultra-cold temperatures
- Durable; crush and impact resistant
- No corrosion when compared to copper pipe
- No solder joints when installing. HDPE fusion joints are stronger than solder joints
- Lower cost
- Longer life span of HDPE, 50 to 100 years.

Options:

- Optional custom print lines are available and may include customer name, project name, application and lightning bolt.

Pull Tape:

- Pull tape offered in several tensile strengths
- Atkore - United Poly Systems standard pull tape is 1130 lbs strength
- Other options include strengths from 200 to 2500 lbs

Installation Methods:

- Plow
- Direct Burial
- HDD
- Within existing conduit

Delivery Methods:

- Segmented Reels
- Separate lines can be wound on the same reel

HDPE conduit material definition according to ASTM F2160

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Density	0.941 - 0.955	g/cc	3	ASTM D 792 or 1505
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Environmental Stress Crack Resistance	F20 > 192	Hours (condition C)	3 or 4	ASTM D 1693
HDB	Not Defined	—	0, 1, 2, 3 or 4	ASTM D 2837

These are nominal values and used as guidelines only. This is not a product specification and does not indicate minimum or maximum operating values.

HDPE Conduit IP Sizes

IPS Size	Avg. OD	SDR PSI	7 335	7.3 320	9 250	11 200	13.5 160	15.5 139	17 130	19 110	21 100	26 80	32.5 65
½	0.84	Min Wall Avg ID Weight lb/ft	– – –	– – –	0.093 0.648 0.092	0.076 0.683 0.077	0.062 0.712 0.064	– – –	– – –	– – –	– – –	– – –	– – –
¾	1.05	Min Wall Avg ID Weight lb/ft	0.150 0.732 0.180	– – –	0.117 0.802 0.150	0.095 0.849 0.120	0.078 0.885 0.100	– – –	– – –	– – –	– – –	– – –	– – –
1	1.315	Min Wall Avg ID Weight lb/ft	0.188 0.916 0.288	0.180 0.933 0.278	0.146 1.005 0.230	0.120 1.061 0.200	0.097 1.109 0.160	– – –	– – –	– – –	– – –	– – –	– – –
1 ¼	1.66	Min Wall Avg ID Weight lb/ft	0.237 1.157 0.459	0.227 1.178 0.442	0.184 1.292 0.370	0.151 1.358 0.310	0.123 1.414 0.250	0.107 1.446 0.224	0.107 1.465 0.206	– – –	– – –	– – –	– – –
1 ½	1.90	Min Wall Avg ID Weight lb/ft	0.271 1.325 0.600	0.260 1.348 0.580	0.211 1.478 0.480	0.173 1.554 0.400	0.141 1.618 0.330	0.123 1.654 0.295	0.112 1.676 0.270	– – –	– – –	– – –	– – –
2	2.375	Min Wall Avg ID Weight lb/ft	0.339 1.656 0.939	0.325 1.685 0.906	0.264 1.815 0.760	0.213 1.917 0.640	0.176 2.002 0.530	0.153 2.069 0.458	0.140 2.078 0.430	0.125 2.110 0.390	0.113 2.135 0.350	– – –	– – –
2 ½	2.875	Min Wall Avg ID Weight lb/ft	0.411 2.004 1.377	0.394 2.040 1.329	0.319 2.198 1.109	0.262 2.351 0.930	0.213 2.449 0.764	0.213 2.424 0.771	0.169 2.516 0.622	– – –	– – –	– – –	– – –
3	3.50	Min Wall Avg ID Weight lb/ft	0.500 2.44 2.040	0.479 2.484 1.968	0.389 2.675 1.660	0.318 2.826 1.390	0.259 2.951 1.150	0.226 3.048 0.997	0.206 3.063 0.932	0.184 3.110 0.840	0.167 3.146 0.770	0.135 3.214 0.63	0.1076 3.285 0.494
4	4.50	Min Wall Avg ID Weight lb/ft	0.643 3.137 3.372	0.616 3.193 3.253	0.500 3.440 2.740	0.409 3.633 2.290	0.333 3.794 1.900	0.290 3.920 1.645	0.265 3.938 1.514	0.237 3.998 1.390	0.214 4.046 1.260	0.173 4.133 1.03	0.138 4.207 0.83
5	5.563	Min Wall Avg ID Weight lb/ft	0.795 3.878 5.170	0.762 3.947 4.975	0.618 4.253 4.180	0.506 4.490 3.510	0.412 4.690 2.910	0.359 4.844 2.517	0.327 4.870 2.352	0.293 4.942 2.120	0.265 5.001 1.930	0.214 5.109 1.57	0.171 5.20 1.27
6	6.625	Min Wall Avg ID Weight lb/ft	0.946 4.619 7.330	0.908 4.701 7.059	0.736 5.065 5.930	0.602 5.349 4.970	0.491 5.584 4.130	0.427 5.771 3.566	0.390 5.798 3.340	0.349 5.885 3.010	0.315 5.957 2.730	0.255 6.084 2.23	0.204 6.193 1.781
7	7.125	Min Wall Avg ID Weight lb/ft	– – –	– – –	– – –	– – –	– – –	– – –	0.419 6.236 3.821	0.375 6.330 3.442	0.339 6.406 3.128	0.274 6.544 2.553	0.219 6.660 2.057
8	8.625	Min Wall Avg ID Weight lb/ft	1.232 6.013 12.385	1.182 6.120 11.963	0.958 6.593 9.988	0.784 6.963 8.359	0.639 7.271 6.939	0.556 7.445 6.100	0.507 7.549 5.597	0.454 7.663 5.044	0.411 7.754 4.591	0.332 7.922 3.744	0.265 8.062 3.012
10	10.75	Min Wall Avg ID Weight lb/ft	1.536 7.494 19.245	1.473 7.628 18.581	1.194 8.218 15.515	0.977 8.678 12.983	0.796 9.062 10.774	0.694 9.280 9.490	0.632 9.409 8.695	0.566 9.551 7.838	0.512 9.665 7.128	0.413 9.873 5.805	0.331 10.049 4.689
12	12.75	Min Wall Avg ID Weight lb/ft	1.821 8.889 27.062	1.747 9.047 26.138	1.417 9.747 21.837	1.159 10.293 18.267	0.944 10.748 15.155	0.823 11.006 13.348	0.750 11.160 12.238	0.671 11.327 11.021	0.607 11.463 10.023	0.490 11.710 8.169	0.392 11.918 6.587
14	14.00	Min Wall Avg ID Weight lb/ft	2.000 9.760 32.635	1.918 9.934 31.511	1.556 10.702 26.329	1.273 11.302 22.030	1.037 11.801 18.279	0.903 12.085 16.082	0.824 12.254 14.763	0.737 12.438 13.292	0.667 12.587 12.093	0.538 12.858 9.848	0.431 13.087 7.952
16	16.00	Min Wall Avg ID Weight lb/ft	2.286 11.154 42.629	2.192 11.353 41.157	1.778 12.231 34.384	1.455 12.916 28.777	1.185 13.487 23.872	1.032 13.812 21.005	0.941 14.005 19.269	0.842 14.215 17.355	0.762 14.385 15.789	0.615 14.695 12.866	0.492 14.956 10.37

HDPE Conduit SCH 40 and SCH 80 Sizes

SCH	SIZE OD	¾ 1.05	1 1.31	1 ¼ 1.66	1 ½ 1.90	2 2.37	2 ½ 2.87	3 3.50	4 4.50	5 5.56	6 6.62
40	Min Wall	0.113	0.133	0.140	0.145	0.154	0.203	0.216	0.237	0.258	0.280
	Avg ID	0.804	1.030	1.360	1.590	2.047	2.445	3.042	3.998	5.016	6.031
	Weight lb/ft	0.215	0.145	0.291	0.349	0.469	0.744	0.973	1.387	1.882	2.443
80	Min Wall	0.154	0.179	0.191	0.200	0.218	0.276	0.300	0.337	0.375	0.432
	Avg ID	0.722	0.936	1.255	1.476	1.913	2.290	2.864	3.786	4.768	5.709
	Weight lb/ft	0.188	0.277	0.383	0.465	0.644	0.982	1.315	1.923	2.668	3.669

Note: 4" sch 40, 5" sch 40 & 6" sch 40 & sch 80 are NON COILABLE items due to thin walls.

Minimum Bend Radius

Minimum Bend Radius for PE Pipe Installed in Open Cut Trench

Dimension Ratio, DR	Minimum Cold Bend Radius
7, 7.3, 9	20 x Pipe OD
11, 13.5	25 x Pipe OD
17, 21	27 x Pipe OD
26	34 x Pipe OD
32.5	42 x Pipe OD
41	52 x Pipe OD
Fitting or flange present in bend	100 x Pipe OD

Safe Working Pull Strength

Safe Pull Tensile Stress at 73

Dimension Ratio, DR	Typical Safe Pull Stress (psi) @ 73 °F		
	PE2xxx (PE2406)	PE3xxx (PE3408)	PE4xxx (PE4710)
0.5	1100	1400	1500
1	1050	1350	1400
12	850	1100	1150
24	800	1050	1100

The safe pull stress is the stress at 3% strain. For strains less than 3%, the pipe will essentially have complete strain recovery after pullback.

Micro-Path™

Micro-Path microduct is a lower-cost alternative to traditional cabling products in telecommunications and power utility projects. It is well suited for tight or constricted areas as well as upgrading or replacing communications infrastructure.



Microduct selection guidelines

Select the proper size microduct by using the Microduct Selection Guidelines table.

Fiber Counts Installed	1-12F	24-72C	96-144C	216-288C
OD of Cable	1.0-2.0mm	3.2-5.8mm	6.8 - 8.0mm	8.4-9.2mm
Microduct Tube	3.5mm	8mm	10mm	12mm

Numerous styles and sizes available:

Primary Duct Size		Number of Duct in Bundle
1.06 in / 0.78 in	27mm / 20mm	1
0.866 in / 0.629 in	22mm / 16mm	2 - 7 (+0.47 inch central duct)
0.787 in / 0.63 in	20mm / 16mm	2-12 (+0.47 inch central duct)
0.710 in / 0.540 in	18mm / 14mm	1 - 7 (+0.47 inch central duct)
0.629 in / 0.512 in	16mm / 13mm	1 - 7 (+0.47 inch central duct)
0.629 in / 0.472 in	16mm / 12mm	1 - 12 (+0.47 inch central duct)
0.551 in / 0.394 in	14mm / 10mm	2 - 7 (+0.47 inch central duct)
0.5 in / 0.394 in	12.7mm / 10mm	2-7 (+0.47 in central duct)
0.472 in / 0.315 in	12mm / 8mm	2 - 12 (+0.315 inch central duct)
0.39 in / 0.23 in	10mm / 6mm	2 - 24 (+0.55 inch central duct)
0.276 in / 0.138 in, and 0.276 in / 0.157 in	7mm / 3.5mm, 7mm / 4mm, 12.7mm / 10mm, 22mm / 16mm, and 27mm / 20mm	2 - 24 (+0.55 inch central duct)
0.12 in / 0.08 in, 0.19 in / 0.13 in, and 0.31 in / 0.23 in	3mm / 2mm, 5mm / 3mm, and 8mm / 6mm	1 - 24 (+ central duct)

Cable-in-Conduit

General Information

Conduit Markings

Permanent marking along conduit includes material, relevant standards, production info, and sequential feet or meter markings. Custom options available.

Specifications

All smoothwall conduit is manufactured to meet or exceed the following standards: ASTM F-2160, ASTM D-3350, and ASTM D-3485.

UV Protection

Standard One-Year UV Protection Color Package. Additional UV packages available by request.

Pre-Installed Cable

Pre-installed cable components for Service Drops, Fiberoptics, Coaxial Cable, 600 Volt Al, 600 Volt Cu, Medium Voltage. Single or multiple cable pre-install with other custom options available.

Features & Applications

Features

- Smooth, solid-wall, continuous length conduit
- No limitations on color availability; most frequently requested in orange, black, grey, and red with stripes
- Date of manufacture and sequential length markings
- High tensile and compression strength
- UV stabilization additive
- Available in 66", 72", 78", 83", 90" and 96" reel sizes

Applications

- Power and Communications
- Product can be installed using HDD (horizontal directional drilling), plowing, planting, or open trench



HDPE Conduit IP Sizes

HDPE conduit material definition according to ASTM F2160

Property	Range or Minimum Requirement	Units	Cell Class	Test Method
Density	0.940 >	g/cc	3	ASTM D 792 or 1505
Melt Index	<0.4	g/10 minutes	3 or 4	ASTM D 1238
Flexural Modulus	80,000 >	psi	4 or 5	ASTM D 790
Tensile Strength	3000 >	psi	4 or 5	ASTM D 638
Environmental Stress Crack Resistance	F10>96	Hours (condition C)	8	ASTM D 1693

Nominal values that serve as guidelines.

HDPE IPS Smoothwall

IPS Size	Average OD	SCH	DR 13.5	DR 11	Schedule 40	Schedule 80
¾	1.05	Min Wall Avg ID Weight lb/ft	0.078 0.885 0.100	0.095 0.849 0.120	0.113 0.804 0.215	0.154 0.722 0.188
1	1.315	Min Wall Avg ID Weight lb/ft	0.097 1.109 0.160	0.120 1.061 0.200	0.133 1.030 0.145	0.179 0.936 0.277
1 ¼	1.66	Min Wall Avg ID Weight lb/ft	0.123 1.394 0.263	0.151 1.338 0.312	0.14 1.36 0.293	0.191 1.258 0.379
1 ½	1.90	Min Wall Avg ID Weight lb/ft	0.141 1.599 0.341	0.173 1.535 0.406	0.145 1.59 0.35	0.2 1.48 0.459
2	2.375	Min Wall Avg ID Weight lb/ft	0.176 2.003 0.527	0.216 1.923 0.628	0.154 2.047 0.469	0.218 1.919 0.633
2 ½	2.875	Min Wall Avg ID Weight lb/ft	0.213 2.429 0.765	0.261 2.332 0.914	0.203 2.449 0.734	0.276 2.303 0.958
3	3.50	Min Wall Avg ID Weight lb/ft	0.259 2.961 1.126	0.318 2.844 1.347	0.216 3.048 0.957	0.3 2.88 1.28
4	4.500	Min Wall Avg ID Weight lb/ft	0.296 3.407 1.887	0.364 3.273 2.275	0.237 3.526 2.588	0.377 3.246 3.208

Note: 4" sch 40, 5" sch 40 & 6" sch 40 & sch 80 are NON-COILABLE items due to thin walls.

Flex Couplers

Features & Specifications

- Compression coupling solution
- Provides watertight/airtight connection in buried or restrained applications
- Ability to join dissimilar materials, including HDPE, PVC, fiberglass, or metal
- Available to fit ½" through 8" conduit, including several special diameters
- Watertight to 200 psi restrained on smooth wall, ribbed, and corrugated duct



Nom Size	Part Number	Standard Duct Size	Coupling Body O.D.	Length	Pieces per count	Weight per count
			(in)	(in)		
1 ¼	EL-166	1.660" 1 ¼" IPS	2.400	5.25	50	28
2	EL-237	2.375" 2" IPS	3.170	6	25	25
3	EL-350	3.500" 3" IPS	4.500	6	18	38
4	EL-400	4.500" 4" IPS	4.500	6	12	34



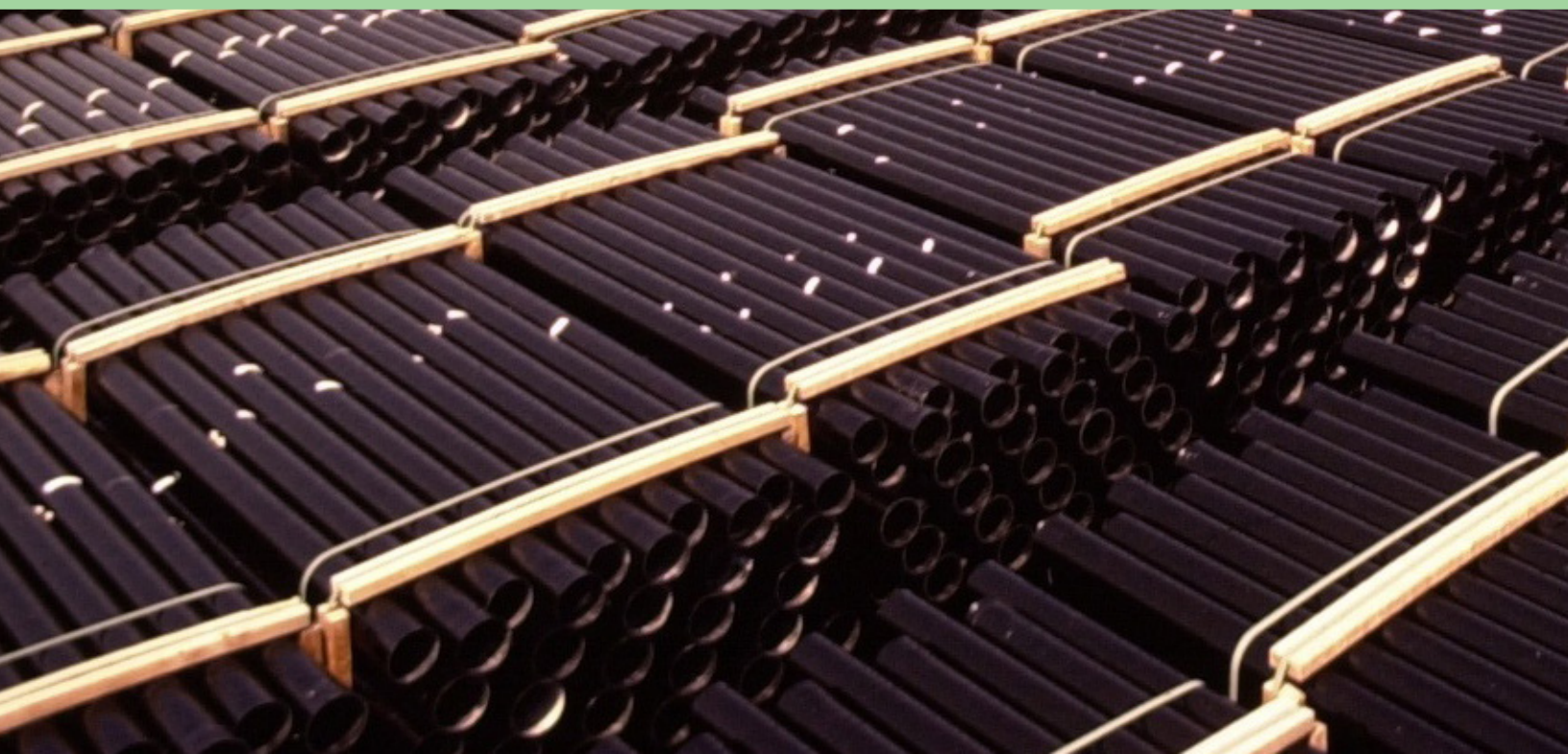
Snap-Loc Couplers

Features & Specifications

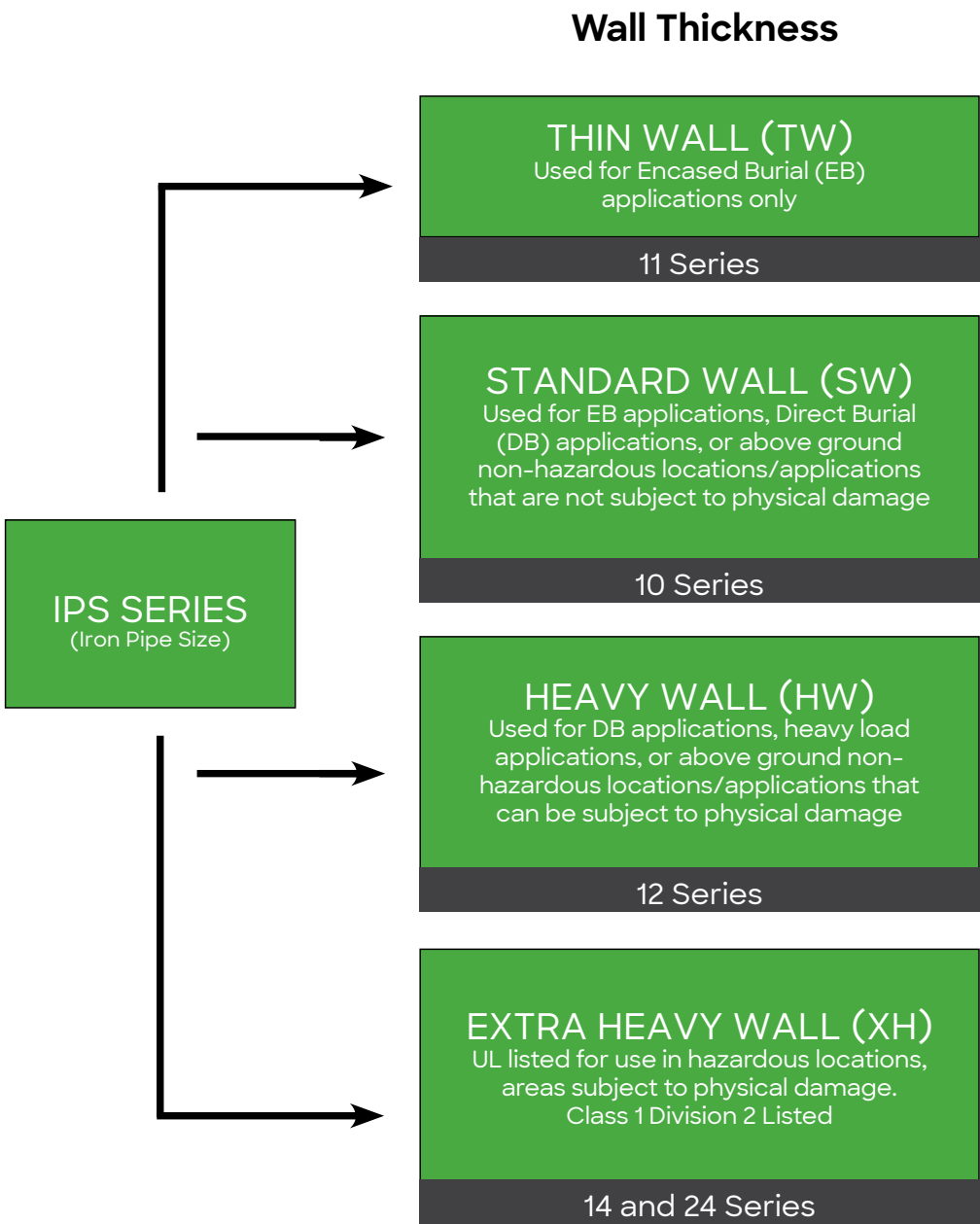
- Fast, easy assembly & disassembly due to push-fit method
- Compact profile that reduces installation challenges in narrow trenches, manholes, and plowing machines
- Resistant to corrosion and most chemicals
- Suitable for blowing and pulling methods
- Provides option for locked and air-sealed assembly

Part Number	Nominal O.D.		Duct O.D.		Max Tension	Max Pressure	Units per box
	(mm)	(in)	(mm)	(in)			
8566109	26.6	3/4	26.6	1.050	580	230	144
8566112	42.2	1 1/4	42.2	1.660	1130	230	56

Fiberglass

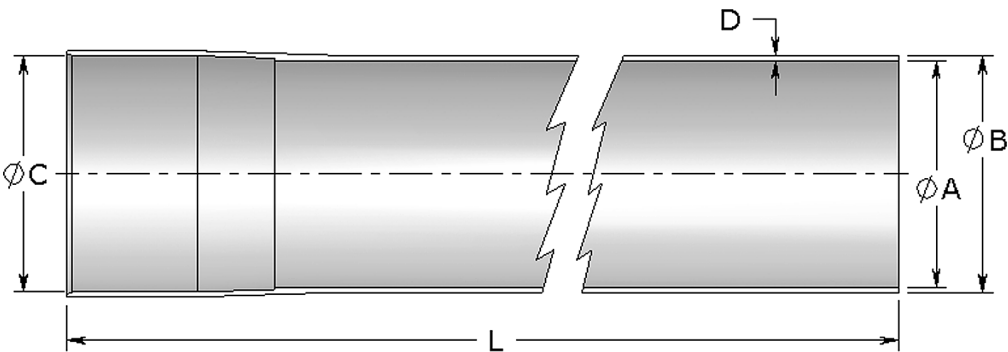


Conduit System Chart



IPS Thin Wall (TW) Conduit

- Standard length is 19.68 ft. (6m). Also available in 9.84 ft. section (3m), if required



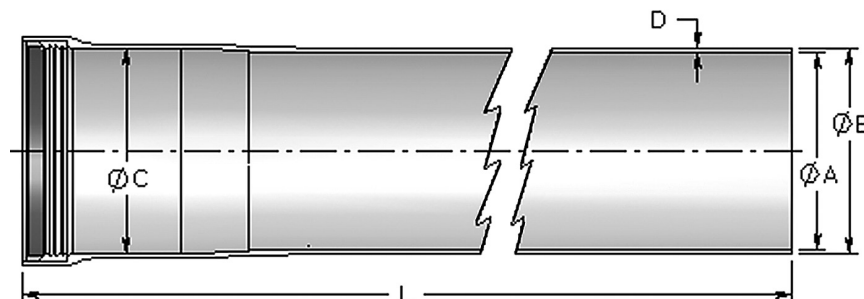
Size		Part Number	ØA	ØB	ØC	D	L	ØA	ØB	ØC	D	L
(in)	(mm)		(in)					(mm)				
4	103	11-4000	4.360	4.470	4.542	0.055	236.25	110.7	113.5	115.4	1.4	6
5	129	11-5000	5.373	5.513	5.610	0.070	236.25	136.5	140.0	142.5	1.8	6
6	155	11-6000	6.405	6.575	6.669	0.085	236.25	162.7	167.0	169.4	2.2	6
8*	203	11-8000	8.393	8.573	8.667	0.095	236.25	213.2	217.8	220.1	2.4	6

* 8" is not a recognized trade size per electrical code (NEC/CEC), therefore cannot be UL listed and CSA certified.

IPS Standard Wall

IPS Standard Wall (SW) Conduit

- Typical Exposed Applications (non-hazardous locations)
- Standard length is 9.84 ft (3m) for ¾ (19mm) to 1 ½" (38mm) and 19.68 ft (6m) for 2" (51mm) to 8" (203mm) but is also available in 9.84 ft (3m) upon special request

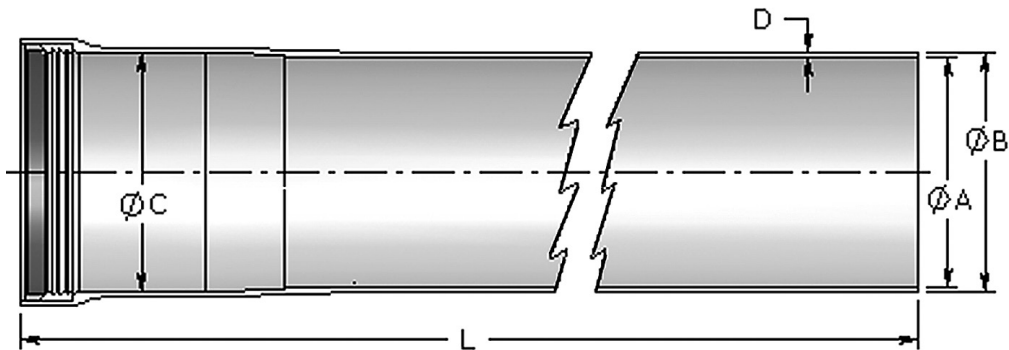


Size		Part Number	ØA	ØB	ØC	D	L	ØA	ØB	ØC	D	L
(in)	(mm)		(in)					(mm)				
¾	21	10-7500	0.918	1.050	1.086	0.066	118.25	23.3	26.7	27.6	1.7	3
1	27	10-1000	1.183	1.315	1.351	0.066	118.25	30.0	33.4	34.3	1.7	3
1 ¼	35	10-1200	1.528	1.660	1.698	0.066	118.25	38.8	42.2	43.1	1.7	3
1 ½	41	10-1500	1.768	1.900	1.938	0.066	118.25	44.9	48.3	49.2	1.7	3
1 ½	41	10-1500-20	1.768	1.900	1.938	0.066	236.25	44.9	48.3	49.2	1.7	6
2	53	10-2000	2.235	2.375	2.417	0.070	236.25	56.8	60.3	61.4	1.8	6
2 ½	63	10-2500	2.750	2.890	2.932	0.070	236.25	69.9	73.4	74.5	1.8	6
3	78	10-3000	3.360	3.500	3.542	0.070	236.25	85.3	88.9	90.0	1.8	6
4	103	10-4000	4.360	4.500	4.542	0.070	236.25	110.7	114.3	115.4	1.8	6
5	129	10-5000	5.373	5.563	5.610	0.095	236.25	136.5	141.3	142.5	2.4	6
6	155	10-6000	6.405	6.625	6.669	0.110	236.25	162.7	168.3	169.4	2.8	6
8*	203	10-8000	8.393	8.623	8.667	0.115	236.25	213.2	219.0	220.1	2.9	6

* 8" is not a recognized trade size per electrical code (NEC/CEC), therefore cannot be UL listed and CSA certified.

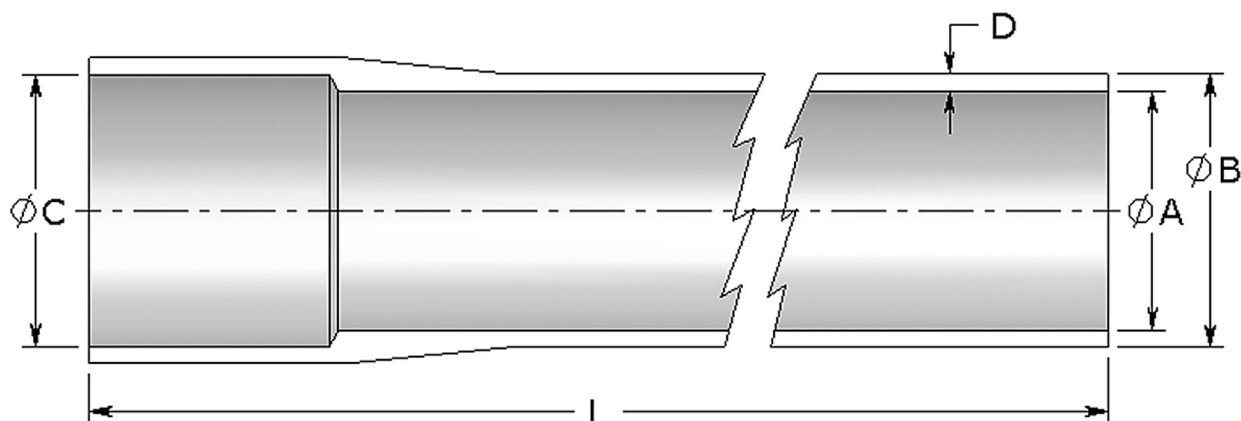
IPS Heavy Wall (HW) Conduit

- Enhanced Mechanical Protection
- Standard length is 19.68 ft. (6m) but can also be available in 9.84 ft. section (3m), upon special request



Size		Part Number	ØA	ØB	ØC	D	L	ØA	ØB	ØC	D	L
(in)	(mm)		(in)					(mm)				
4	103	12-4000	4.360	4.550	4.590	0.095	236.25	110.7	115.6	116.6	2.4	6
5	129	12-5000	5.373	5.603	5.643	0.115	236.25	136.5	142.3	143.3	2.9	6
6	155	12-6000	6.405	6.635	6.675	0.115	236.25	162.7	168.5	169.5	2.9	6

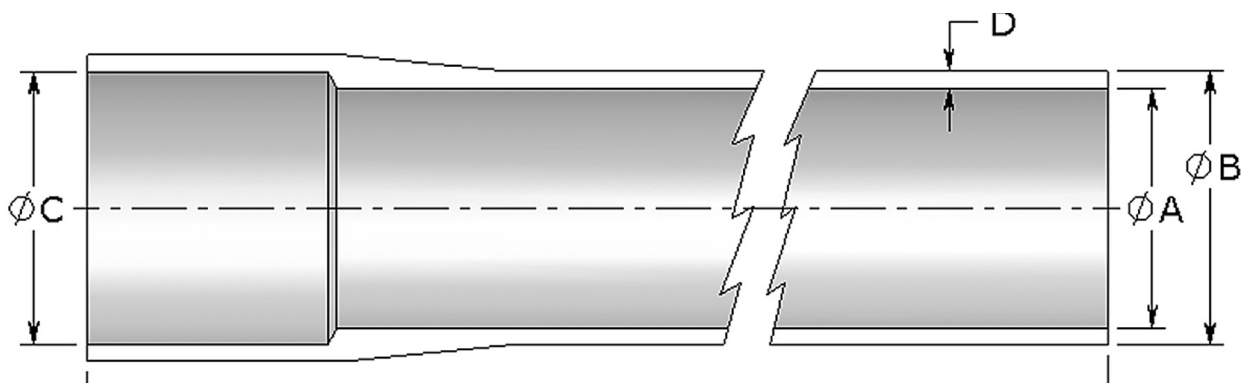
IPS Extra Heavy Wall (XW)



IPS Extra Heavy Wall (XW) Conduit

Size		Part Number	ØA	ØB	ØC	D	L	ØA	ØB	ØC	D	L
(in)	(mm)		(in)					(mm)				
¾	21	74-7500	0.918	1.418	1.458	0.250	118.25	23.3	36.0	37.0	6.4	3
1	27	74-1000	1.183	1.683	1.723	0.250	118.25	30.0	42.7	43.8	6.4	3
1 ¼	35	74-1200	1.528	2.028	2.068	0.250	118.25	38.8	51.5	52.5	6.4	3
1 ½	41	74-1500	1.768	2.268	2.308	0.250	118.25	44.9	57.6	58.6	6.4	3
1 ½	41	74-1500-20	1.768	2.268	2.308	0.250	236.25	44.9	57.6	58.6	6.4	6
8*	203	74-8000	8.393	8.893	8.933	0.250	236.25	213.2	225.9	226.9	6.4	6

*Trade Size is not recognized by NEC/CEC hence not certified to any applicable RTRC standards.
BreathSaver® products are offered with a straight socket assembly requiring adhesive for assembly.
Standard length is 9.84 ft (3m) for ¾" to 1 ½" conduit.

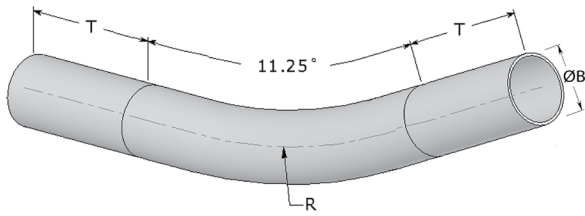


ID XW Conduit

Size		Part Number	ØA	ØB	ØC	D	L	ØA	ØB	ØC	D	L
(in)	(mm)		(in)					(mm)				
2	53	24-2000	2.000	2.500	2.540	0.250	236.25	50.8	63.5	64.5	6.4	6
2 ½	63	24-2500	2.500	3.000	3.040	0.250	236.25	63.5	76.2	77.2	6.4	6
3	78	24-3000	3.000	3.500	3.540	0.250	236.25	76.2	88.9	89.9	6.4	6
3 ½	91	24-3500	3.500	4.000	4.040	0.250	236.25	88.9	101.6	102.6	6.4	6
4	103	24-4000	4.000	4.500	4.540	0.250	236.25	101.6	114.3	115.3	6.4	6
5	129	24-5000	5.000	5.500	5.540	0.250	236.25	127.0	139.7	140.7	6.4	6
6	155	24-6000	6.000	6.500	6.540	0.250	236.25	152.4	165.1	166.1	6.4	6

IPS Standard Wall

IPS SW 11.25° Elbow



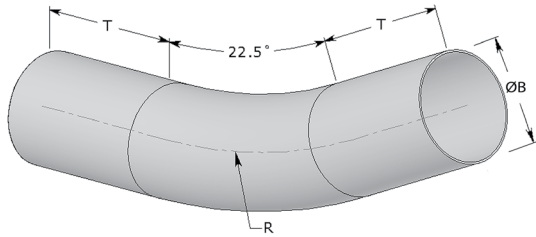
Size		Part Number	ØB	R	T	ØB	R	T
(in)	(mm)		(in)			(mm)		
12" Radius								
¾	21	10-7535R12	1.050	12	6	26.7	304.8	152.4
1	27	10-1035R12	1.315	12	6	33.4	304.8	152.4
1 ¼	35	10-1235R12	1.660	12	6	42.2	304.8	152.4
1 ½	41	10-1535R12	1.900	12	6	48.3	304.8	152.4
2	53	10-2035R12	2.375	12	6	60.3	304.8	152.4
2 ½	63	10-2535R12	2.890	12	6	73.4	304.8	152.4
18" Radius								
¾	21	10-7535R18	1.050	18	6	26.7	457.2	152.4
1	27	10-1035R18	1.315	18	6	33.4	457.2	152.4
1 ¼	35	10-1235R18	1.660	18	6	42.2	457.2	152.4
1 ½	41	10-1535R18	1.900	18	6	48.3	457.2	152.4
2	53	10-2035R18	2.375	18	6	60.3	457.2	152.4
2 ½	63	10-2535R18	2.890	18	6	73.4	457.2	152.4
3	63	10-3035R18	3.500	18	6	88.9	457.2	152.4
24" Radius								
¾	21	10-7535R24	1.050	24	6	26.7	609.6	152.4
1	27	10-1035R24	1.315	24	6	33.4	609.6	152.4
1 ¼	35	10-1235R24	1.660	24	6	42.2	609.6	152.4
1 ½	41	10-1535R24	1.900	24	6	48.3	609.6	152.4
2	53	10-2035R24	2.375	24	6	60.3	609.6	152.4
2 ½	63	10-2535R24	2.890	24	6	73.4	609.6	152.4
3	78	10-3035R24	3.500	24	6	88.9	609.6	152.4
4	103	10-4035R24	4.500	24	6	114.3	609.6	152.4
36" Radius								
¾	21	10-7535R36	1.050	36	6	26.7	914.4	152.4
1	27	10-1035R36	1.315	36	6	33.4	914.4	152.4
1 ¼	35	10-1235R36	1.660	36	6	42.2	914.4	152.4
1 ½	41	10-1535R36	1.900	36	6	48.3	914.4	152.4
2	53	10-2035R36	2.375	36	6	60.3	914.4	152.4
2 ½	63	10-2535R36	2.890	36	6	73.4	914.4	152.4
3	78	10-3035R36	3.500	36	6	88.9	914.4	152.4
4	103	10-4035R36	4.500	36	6	114.3	914.4	152.4
5	129	10-5035R36	5.563	36	6	141.3	914.4	152.4
6	155	10-6035R36	6.625	36	6	168.3	914.4	152.4

Size		Part Number	ØB	R	T	ØB	R	T
(in)	(mm)		(in)			(mm)		
48" Radius								
¾	21	10-7535R48	1.050	48	6	26.7	1219.2	152.4
1	27	10-1035R48	1.315	48	6	33.4	1219.2	152.4
1 ¼	35	10-1235R48	1.660	48	6	42.2	1219.2	152.4
1 ½	41	10-1535R48	1.900	48	6	48.3	1219.2	152.4
2	53	10-2035R48	2.375	48	6	60.3	1219.2	152.4
2 ½	63	10-2535R48	2.890	48	6	73.4	1219.2	152.4
3	78	10-3035R48	3.500	48	6	88.9	1219.2	152.4
4	103	10-4035R48	4.500	48	6	114.3	1219.2	152.4
5	129	10-5035R48	5.563	48	6	141.3	1219.2	152.4
6	155	10-6035R48	6.625	48	6	168.3	1219.2	152.4
60" Radius								
¾	21	10-7535R60	1.050	60	6	26.7	1524.0	152.4
1	27	10-1035R60	1.315	60	6	33.4	1524.0	152.4
1 ¼	35	10-1235R60	1.660	60	6	42.2	1524.0	152.4
1 ½	41	10-1535R60	1.900	60	6	48.3	1524.0	152.4
2	53	10-2035R60	2.375	60	6	60.3	1524.0	152.4
2 ½	63	10-2535R60	2.890	60	6	73.4	1524.0	152.4
3	78	10-3035R60	3.500	60	6	88.9	1524.0	152.4
4	103	10-4035R60	4.500	60	6	114.3	1524.0	152.4
5	129	10-5035R60	5.563	60	6	141.3	1524.0	152.4
6	155	10-6035R60	6.625	60	6	168.3	1524.0	152.4
72" Radius								
¾	21	10-7535R72	1.050	72	6	26.7	1828.8	152.4
1	27	10-1035R72	1.315	72	6	33.4	1828.8	152.4
1 ¼	35	10-1235R72	1.660	72	6	42.2	1828.8	152.4
1 ½	41	10-1535R72	1.900	72	6	48.3	1828.8	152.4
2	53	10-2035R72	2.375	72	6	60.3	1828.8	152.4
2½	63	10-2535R72	2.890	72	6	73.4	1828.8	152.4
3	78	10-3035R72	3.500	72	6	88.9	1828.8	152.4
4	103	10-4035R72	4.500	72	6	114.3	1828.8	152.4
5	129	10-5035R72	5.563	72	6	141.3	1828.8	152.4
6	155	10-6035R72	6.625	72	6	168.3	1828.8	152.4
8*	203	10-8035R72	8.623	72	6	219.0	1828.8	152.4
84" Radius								
8*	203	10-8035R84	8.623	84	6	219.0	2133.6	152.4
96" Radius								
8*	203	10-8035R96	8.623	96	6	219.0	2438.4	152.4
108" Radius								
8*	203	10-8035R108	8.623	108	6	219.0	2743.2	152.4

* 8" is not a recognized trade size per electrical code (NEC/CEC), therefore cannot be UL listed and CSA certified.

IPS Standard Wall

IPS SW 22.5° Elbow



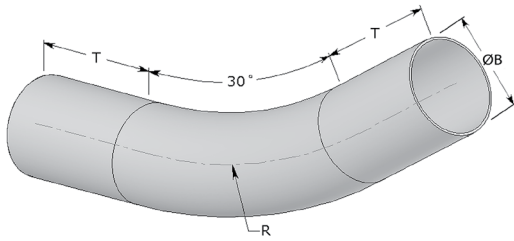
Size		Part Number	ØB	R	T	ØB	R	T
(in)	(mm)		(in)			(mm)		
12" Radius								
¾	21	10-7534R12	1.050	12	6	26.7	304.8	152.4
1	27	10-1034R12	1.315	12	6	33.4	304.8	152.4
1 ¼	35	10-1234R12	1.660	12	6	42.2	304.8	152.4
1 ½	41	10-1534R12	1.900	12	6	48.3	304.8	152.4
2	53	10-2034R12	2.375	12	6	60.3	304.8	152.4
2 ½	63	10-2534R12	2.890	12	6	73.4	304.8	152.4
18" Radius								
¾	21	10-7534R18	1.050	18	6	26.7	457.2	152.4
1	27	10-1034R18	1.315	18	6	33.4	457.2	152.4
1 ¼	35	10-1234R18	1.660	18	6	42.2	457.2	152.4
1 ½	41	10-1534R18	1.900	18	6	48.3	457.2	152.4
2	53	10-2034R18	2.375	18	6	60.3	457.2	152.4
2 ½	63	10-2534R18	2.890	18	6	73.4	457.2	152.4
3	63	10-3034R18	3.500	18	6	88.9	457.2	152.4
24" Radius								
¾	21	10-7534R24	1.050	24	6	26.7	609.6	152.4
1	27	10-1034R24	1.315	24	6	33.4	609.6	152.4
1 ¼	35	10-1234R24	1.660	24	6	42.2	609.6	152.4
1 ½	41	10-1534R24	1.900	24	6	48.3	609.6	152.4
2	53	10-2034R24	2.375	24	6	60.3	609.6	152.4
2 ½	63	10-2534R24	2.890	24	6	73.4	609.6	152.4
3	78	10-3034R24	3.500	24	6	88.9	609.6	152.4
4	103	10-4034R24	4.500	24	6	114.3	609.6	152.4
36" Radius								
¾	21	10-7534R36	1.050	36	6	26.7	914.4	152.4
1	27	10-1034R36	1.315	36	6	33.4	914.4	152.4
1 ¼	35	10-1234R36	1.660	36	6	42.2	914.4	152.4
1 ½	41	10-1534R36	1.900	36	6	48.3	914.4	152.4
2	53	10-2034R36	2.375	36	6	60.3	914.4	152.4
2 ½	63	10-2534R36	2.890	36	6	73.4	914.4	152.4
3	78	10-3034R36	3.500	36	6	88.9	914.4	152.4
4	103	10-4034R36	4.500	36	6	114.3	914.4	152.4
5	129	10-5034R36	5.563	36	6	141.3	914.4	152.4
6	155	10-6034R36	6.669	36	6	169.4	914.4	152.4

Size		Part Number	ØB	R	T	ØB	R	T
(in)	(mm)		(in)			(mm)		
48" Radius								
¾	21	10-7534R48	1.050	48	6	26.7	1219.2	152.4
1	27	10-1034R48	1.315	48	6	33.4	1219.2	152.4
1 ¼	35	10-1234R48	1.660	48	6	42.2	1219.2	152.4
1 ½	41	10-1534R48	1.900	48	6	48.3	1219.2	152.4
2	53	10-2034R48	2.375	48	6	60.3	1219.2	152.4
2 ½	63	10-2534R48	2.890	48	6	73.4	1219.2	152.4
3	78	10-3034R48	3.500	48	6	88.9	1219.2	152.4
4	103	10-4034R48	4.500	48	6	114.3	1219.2	152.4
5	129	10-5034R48	5.563	48	6	141.3	1219.2	152.4
6	155	10-6034R48	6.625	48	6	168.3	1219.2	152.4
60" Radius								
¾	21	10-7534R60	1.050	60	6	26.7	1524.0	152.4
1	27	10-1034R60	1.315	60	6	33.4	1524.0	152.4
1 ¼	35	10-1234R60	1.660	60	6	42.2	1524.0	152.4
1 ½	41	10-1534R60	1.900	60	6	48.3	1524.0	152.4
2	53	10-2034R60	2.375	60	6	60.3	1524.0	152.4
2 ½	63	10-2534R60	2.890	60	6	73.4	1524.0	152.4
3	78	10-3034R60	3.500	60	6	88.9	1524.0	152.4
4	103	10-4034R60	4.500	60	6	114.3	1524.0	152.4
5	129	10-5034R60	5.563	60	6	141.3	1524.0	152.4
6	155	10-6034R60	6.625	60	6	168.3	1524.0	152.4
72" Radius								
¾	21	10-7534R72	1.050	72	6	26.7	1828.8	152.4
1	27	10-1034R72	1.315	72	6	33.4	1828.8	152.4
1 ¼	35	10-1234R72	1.660	72	6	42.2	1828.8	152.4
1 ½	41	10-1534R72	1.900	72	6	48.3	1828.8	152.4
2	53	10-2034R72	2.375	72	6	60.3	1828.8	152.4
2 ½	63	10-2534R72	2.890	72	6	73.4	1828.8	152.4
3	78	10-3034R72	3.500	72	6	88.9	1828.8	152.4
4	103	10-4034R72	4.500	72	6	114.3	1828.8	152.4
5	129	10-5034R72	5.563	72	6	141.3	1828.8	152.4
6	155	10-6034R72	6.625	72	6	168.3	1828.8	152.4
8	203	10-8034R72	8.623	72	6	219.0	1828.8	152.4
84" Radius								
8*	203	10-8034R84	8.623	84	6	219.0	2133.6	152.4
96" Radius								
8*	203	10-8034R96	8.623	96	6	219.0	2438.4	152.4
108" Radius								
8*	203	10-8034R108	8.623	108	6	219.0	2743.2	152.4

* 8" is not a recognized trade size per electrical code (NEC/CEC), therefore cannot be UL listed and CSA certified.

IPS Standard Wall

IPS SW 30° Elbow



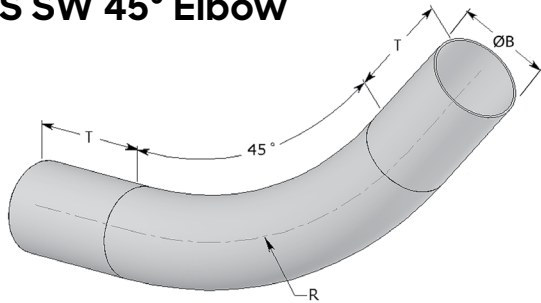
Size		Part Number	ØB	R	T	ØB	R	T
(in)	(mm)		(in)			(mm)		
12" Radius								
¾	21	10-7533R12	1.050	12	6	26.7	304.8	152.4
1	27	10-1033R12	1.315	12	6	33.4	304.8	152.4
1 ¼	35	10-1233R12	1.660	12	6	42.2	304.8	152.4
1 ½	41	10-1533R12	1.900	12	6	48.3	304.8	152.4
2	53	10-2033R12	2.375	12	6	60.3	304.8	152.4
2 ½	63	10-2533R12	2.890	12	6	73.4	304.8	152.4
18" Radius								
¾	21	10-7533R18	1.050	18	6	26.7	457.2	152.4
1	27	10-1033R18	1.315	18	6	33.4	457.2	152.4
1 ¼	35	10-1233R18	1.660	18	6	42.2	457.2	152.4
1 ½	41	10-1533R18	1.900	18	6	48.3	457.2	152.4
2	53	10-2033R18	2.375	18	6	60.3	457.2	152.4
2 ½	63	10-2533R18	2.890	18	6	73.4	457.2	152.4
3	63	10-3033R18	3.500	18	6	88.9	457.2	152.4
24" Radius								
¾	21	10-7533R24	1.050	24	6	26.7	609.6	152.4
1	27	10-1033R24	1.315	24	6	33.4	609.6	152.4
1 ¼	35	10-1233R24	1.660	24	6	42.2	609.6	152.4
1 ½	41	10-1533R24	1.900	24	6	48.3	609.6	152.4
2 ½	63	10-2533R24	2.890	24	6	73.4	609.6	152.4
2	53	10-2033R24	2.375	24	6	60.3	609.6	152.4
3	78	10-3033R24	3.500	24	6	88.9	609.6	152.4
4	103	10-4033R24	4.500	24	6	114.3	609.6	152.4
36" Radius								
¾	21	10-7533R36	1.050	36	6	26.7	914.4	152.4
1	27	10-1033R36	1.315	36	6	33.4	914.4	152.4
1 ¼	35	10-1233R36	1.660	36	6	42.2	914.4	152.4
1 ½	41	10-1533R36	1.900	36	6	48.3	914.4	152.4
2	53	10-2033R36	2.375	36	6	60.3	914.4	152.4
2 ½	63	10-2533R36	2.890	36	6	73.4	914.4	152.4
3	78	10-3033R36	3.500	36	6	88.9	914.4	152.4
4	103	10-4033R36	4.500	36	6	114.3	914.4	152.4
5	129	10-5033R36	5.563	36	6	141.3	914.4	152.4
6	155	10-6033R36	6.625	36	6	168.3	914.4	152.4

Size		Part Number	ØB	R	T	ØB	R	T
(in)	(mm)		(in)			(mm)		
48" Radius								
¾	21	10-7533R48	1.050	48	6	26.7	1219.2	152.4
1	27	10-1033R48	1.315	48	6	33.4	1219.2	152.4
1 ¼	35	10-1233R48	1.660	48	6	42.2	1219.2	152.4
1 ½	41	10-1533R48	1.900	48	6	48.3	1219.2	152.4
2	53	10-2033R48	2.375	48	6	60.3	1219.2	152.4
2 ½	63	10-2533R48	2.890	48	6	73.4	1219.2	152.4
3	78	10-3033R48	3.500	48	6	88.9	1219.2	152.4
4	103	10-4033R48	4.500	48	6	114.3	1219.2	152.4
5	129	10-5033R48	5.563	48	6	141.3	1219.2	152.4
6	155	10-6033R48	6.625	48	6	168.3	1219.2	152.4
60" Radius								
¾	21	10-7533R60	1.050	60	6	26.7	1524.0	152.4
1	27	10-1033R60	1.315	60	6	33.4	1524.0	152.4
1 ¼	35	10-1233R60	1.660	60	6	42.2	1524.0	152.4
1 ½	41	10-1533R60	1.900	60	6	48.3	1524.0	152.4
2	53	10-2033R60	2.375	60	6	60.3	1524.0	152.4
2 ½	63	10-2533R60	2.890	60	6	73.4	1524.0	152.4
3	78	10-3033R60	3.500	60	6	88.9	1524.0	152.4
4	103	10-4033R60	4.500	60	6	114.3	1524.0	152.4
5	129	10-5033R60	5.563	60	6	141.3	1524.0	152.4
6	155	10-6033R60	6.625	60	6	168.3	1524.0	152.4
72" Radius								
¾	21	10-7533R72	1.050	72	6	26.7	1828.8	152.4
1	27	10-1033R72	1.315	72	6	33.4	1828.8	152.4
1 ¼	35	10-1233R72	1.660	72	6	42.2	1828.8	152.4
1 ½	41	10-1533R72	1.900	72	6	48.3	1828.8	152.4
2	53	10-2033R72	2.375	72	6	60.3	1828.8	152.4
2 ½	63	10-2533R72	2.890	72	6	73.4	1828.8	152.4
3	78	10-3033R72	3.500	72	6	88.9	1828.8	152.4
4	103	10-4033R72	4.500	72	6	114.3	1828.8	152.4
5	129	10-5033R72	5.563	72	6	141.3	1828.8	152.4
6	155	10-6033R72	6.625	72	6	168.3	1828.8	152.4
8	203	10-8033R72	8.623	72	6	219.0	1828.8	152.4
84" Radius								
8*	203	10-8033R84	8.623	84	6	219.0	2133.6	152.4
96" Radius								
8*	203	10-8033R96	8.623	96	6	219.0	2438.4	152.4
108" Radius								
8*	203	10-8033R108	8.623	108	6	219.0	2743.2	152.4

* 8" is not a recognized trade size per electrical code (NEC/CEC), therefore cannot be UL listed and CSA certified.

IPS Standard Wall

IPS SW 45° Elbow



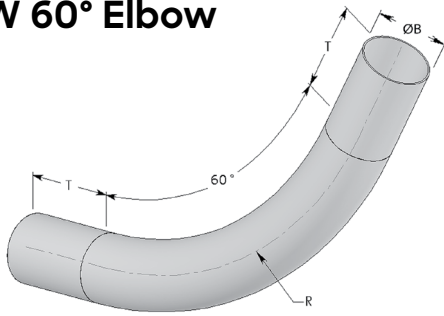
Size		Part Number	ØB	R	T	ØB	R	T
(in)	(mm)		(in)			(mm)		
12" Radius								
¾	21	10-7532R12	1.050	12	6	26.7	304.8	152.4
1	27	10-1032R12	1.315	12	6	33.4	304.8	152.4
1 ¼	35	10-1232R12	1.660	12	6	42.2	304.8	152.4
1 ½	41	10-1532R12	1.900	12	6	48.3	304.8	152.4
2	53	10-2032R12	2.375	12	6	60.3	304.8	152.4
2 ½	63	10-2532R12	2.890	12	6	73.4	304.8	152.4
18" Radius								
¾	21	10-7532R18	1.050	18	6	26.7	457.2	152.4
1	27	10-1032R18	1.315	18	6	33.4	457.2	152.4
1 ¼	35	10-1232R18	1.660	18	6	42.2	457.2	152.4
1 ½	41	10-1532R18	1.900	18	6	48.3	457.2	152.4
2	53	10-2032R18	2.375	18	6	60.3	457.2	152.4
2 ½	63	10-2532R18	2.890	18	6	73.4	457.2	152.4
3	63	10-3032R18	3.500	18	6	88.9	457.2	152.4
24" Radius								
¾	21	10-7532R24	1.050	24	6	26.7	609.6	152.4
1	27	10-1032R24	1.315	24	6	33.4	609.6	152.4
1 ¼	35	10-1232R24	1.660	24	6	42.2	609.6	152.4
1 ½	41	10-1532R24	1.900	24	6	48.3	609.6	152.4
2	53	10-2032R24	2.375	24	6	60.3	609.6	152.4
2 ½	63	10-2532R24	2.890	24	6	73.4	609.6	152.4
3	78	10-3032R24	3.500	24	6	88.9	609.6	152.4
4	103	10-4032R24	4.500	24	6	114.3	609.6	152.4
36" Radius								
¾	21	10-7532R36	1.050	36	6	26.7	914.4	152.4
1	27	10-1032R36	1.315	36	6	33.4	914.4	152.4
1 ¼	35	10-1232R36	1.660	36	6	42.2	914.4	152.4
1 ½	41	10-1532R36	1.900	36	6	48.3	914.4	152.4
2	53	10-2032R36	2.375	36	6	60.3	914.4	152.4
2 ½	63	10-2532R36	2.890	36	6	73.4	914.4	152.4
3	78	10-3032R36	3.500	36	6	88.9	914.4	152.4
4	103	10-4032R36	4.500	36	6	114.3	914.4	152.4
5	123	10-5032R36	5.563	36	6	141.3	914.4	152.4
6	155	10-6032R36	6.625	36	6	168.3	914.4	152.4

Size		Part Number	ØB	R	T	ØB	R	T
(in)	(mm)		(in)			(mm)		
48" Radius								
¾	21	10-7532R48	1.050	48	6	26.7	1219.2	152.4
1	27	10-1032R48	1.315	48	6	33.4	1219.2	152.4
1 ¼	35	10-1232R48	1.660	48	6	42.2	1219.2	152.4
1 ½	41	10-1532R48	1.900	48	6	48.3	1219.2	152.4
2	53	10-2032R48	2.375	48	6	60.3	1219.2	152.4
2 ½	63	10-2532R48	2.890	48	6	73.4	1219.2	152.4
3	78	10-3032R48	3.500	48	6	88.9	1219.2	152.4
4	103	10-4032R48	4.500	48	6	114.3	1219.2	152.4
5	129	10-5032R48	5.563	48	6	141.3	1219.2	152.4
6	155	10-6032R48	6.625	48	6	168.3	1219.2	152.4
60" Radius								
¾	21	10-7532R60	1.050	60	6	26.7	1524.0	152.4
1	27	10-1032R60	1.315	60	6	33.4	1524.0	152.4
1 ¼	35	10-1232R60	1.660	60	6	42.2	1524.0	152.4
1 ½	41	10-1532R60	1.900	60	6	48.3	1524.0	152.4
2	53	10-2032R60	2.375	60	6	60.3	1524.0	152.4
2 ½	63	10-2535R60	2.890	60	6	73.4	1524.0	152.4
3	78	10-3032R60	3.500	60	6	88.9	1524.0	152.4
4	103	10-4032R60	4.500	60	6	114.3	1524.0	152.4
5	129	10-5032R60	5.563	60	6	141.3	1524.0	152.4
6	155	10-6032R60	6.625	60	6	168.3	1524.0	152.4
72" Radius								
¾	21	10-7532R72	1.050	72	6	26.7	1828.8	152.4
1	27	10-1032R72	1.315	72	6	33.4	1828.8	152.4
1 ¼	35	10-1232R72	1.660	72	6	42.2	1828.8	152.4
1 ½	41	10-1532R72	1.900	72	6	48.3	1828.8	152.4
2	53	10-2032R72	2.375	72	6	60.3	1828.8	152.4
2 ½	63	10-2532R72	2.890	72	6	73.4	1828.8	152.4
3	78	10-3032R72	3.500	72	6	88.9	1828.8	152.4
4	103	10-4032R72	4.500	72	6	114.3	1828.8	152.4
5	129	10-5032R72	5.563	72	6	141.3	1828.8	152.4
6	155	10-6032R72	6.625	72	6	168.3	1828.8	152.4
8*	203	10-8032R72	8.623	72	6	219.0	1828.8	152.4
84" Radius								
8*	203	10-8032R84	8.623	84	6	219.0	2133.6	152.4
96" Radius								
8*	203	10-8032R96	8.623	96	6	219.0	2438.4	152.4
108" Radius								
8*	203	10-8032R108	8.623	108	6	219.0	2743.2	152.4

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IPS Standard Wall

IPS SW 60° Elbow



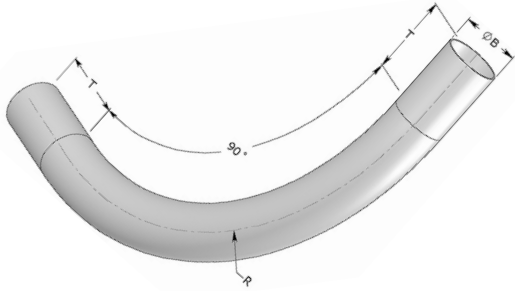
Size		Part Number	ØB	R	T	ØB	R	T
(in)	(mm)		(in)			(mm)		
12" Radius								
¾	21	10-7531R12	1.050	12	6	26.7	304.8	152.4
1	27	10-1031R12	1.315	12	6	33.4	304.8	152.4
1 ¼	35	10-1231R12	1.660	12	6	42.2	304.8	152.4
2	53	10-2031R12	2.375	12	6	60.3	304.8	152.4
1 ½	41	10-1531R12	1.900	12	6	48.3	304.8	152.4
2 ½	63	10-2531R12	2.890	12	6	73.4	304.8	152.4
18" Radius								
¾	21	10-7531R18	1.050	18	6	26.7	457.2	152.4
1	27	10-1031R18	1.315	18	6	33.4	457.2	152.4
1 ¼	35	10-1231R18	1.660	18	6	42.2	457.2	152.4
1 ½	41	10-1531R18	1.900	18	6	48.3	457.2	152.4
2	53	10-2031R18	2.375	18	6	60.3	457.2	152.4
2 ½	63	10-2531R18	2.890	18	6	73.4	457.2	152.4
3	63	10-3031R18	3.500	18	6	88.9	457.2	152.4
24" Radius								
¾	21	10-7531R24	1.050	24	6	26.7	609.6	152.4
1	27	10-1031R24	1.315	24	6	33.4	609.6	152.4
1 ¼	35	10-1231R24	1.660	24	6	42.2	609.6	152.4
1 ½	41	10-1531R24	1.900	24	6	48.3	609.6	152.4
2	53	10-2031R24	2.375	24	6	60.3	609.6	152.4
2 ½	63	10-2531R24	2.890	24	6	73.4	609.6	152.4
3	78	10-3031R24	3.500	24	6	88.9	609.6	152.4
4	103	10-4031R24	4.500	24	6	114.3	609.6	152.4
36" Radius								
¾	21	10-7531R36	1.050	36	6	26.7	914.4	152.4
1	27	10-1031R36	1.315	36	6	33.4	914.4	152.4
1 ¼	35	10-1231R36	1.660	36	6	42.2	914.4	152.4
1 ½	41	10-1531R36	1.900	36	6	48.3	914.4	152.4
2	53	10-2031R36	2.375	36	6	60.3	914.4	152.4
2 ½	63	10-2531R36	2.890	36	6	73.4	914.4	152.4
3	78	10-3031R36	3.500	36	6	88.9	914.4	152.4
4	103	10-4031R36	4.500	36	6	114.3	914.4	152.4
5	129	10-5031R36	5.563	36	6	141.3	914.4	152.4
6	155	10-6031R36	6.625	36	6	168.3	914.4	152.4

Size		Part Number	ØB	R	T	ØB	R	T
(in)	(mm)		(in)			(mm)		
48" Radius								
¾	21	10-7531R48	1.050	48	6	26.7	1219.2	152.4
1	27	10-1031R48	1.315	48	6	33.4	1219.2	152.4
1 ¼	35	10-1231R48	1.660	48	6	42.2	1219.2	152.4
1 ½	41	10-1531R48	1.900	48	6	48.3	1219.2	152.4
2	53	10-2031R48	2.375	48	6	60.3	1219.2	152.4
2 ½	63	10-2531R48	2.890	48	6	73.4	1219.2	152.4
3	78	10-3031R48	3.500	48	6	88.9	1219.2	152.4
4	103	10-4031R48	4.500	48	6	114.3	1219.2	152.4
5	129	10-5031R48	5.563	48	6	141.3	1219.2	152.4
6	155	10-6031R48	6.625	48	6	168.3	1219.2	152.4
60" Radius								
¾	21	10-7531R60	1.050	60	6	26.7	1524.0	152.4
1	27	10-1031R60	1.315	60	6	33.4	1524.0	152.4
1 ¼	35	10-1231R60	1.660	60	6	42.2	1524.0	152.4
1 ½	41	10-1531R60	1.900	60	6	48.3	1524.0	152.4
2	53	10-2031R60	2.375	60	6	60.3	1524.0	152.4
2 ½	63	10-2531R60	2.890	60	6	73.4	1524.0	152.4
3	78	10-3031R60	3.500	60	6	88.9	1524.0	152.4
4	103	10-4031R60	4.500	60	6	114.3	1524.0	152.4
5	129	10-5031R60	5.563	60	6	141.3	1524.0	152.4
6	155	10-6031R60	6.625	60	6	168.3	1524.0	152.4
72" Radius								
¾	21	10-7531R72	1.050	72	6	26.7	1828.8	152.4
1	27	10-1031R72	1.315	72	6	33.4	1828.8	152.4
1 ¼	35	10-1231R72	1.660	72	6	42.2	1828.8	152.4
1 ½	41	10-1531R72	1.900	72	6	48.3	1828.8	152.4
2	53	10-2031R72	2.375	72	6	60.3	1828.8	152.4
2 ½	63	10-2531R72	2.890	72	6	73.4	1828.8	152.4
3	78	10-3031R72	3.500	72	6	88.9	1828.8	152.4
4	103	10-4031R72	4.500	72	6	114.3	1828.8	152.4
5	129	10-5031R72	5.563	72	6	141.3	1828.8	152.4
6	155	10-6031R72	6.625	72	6	168.3	1828.8	152.4
8*	203	10-8031R72	8.623	72	6	219.0	1828.8	152.4
84" Radius								
8*	203	10-8031R84	8.623	84	6	219.0	2133.6	152.4
96" Radius								
8*	203	10-8031R96	8.623	96	6	219.0	2438.4	152.4
108" Radius								
8*	203	10-8031R108	8.623	108	6	219.0	2743.2	152.4

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IPS Standard Wall

IPS SW 90° Elbow



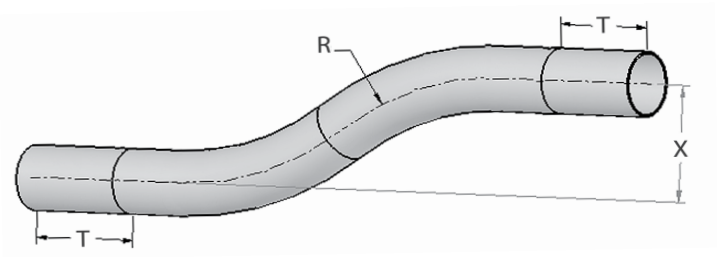
Size		Part Number	ØB	R	T	ØB	R	T
(in)	(mm)		(in)			(mm)		
12" Radius								
¾	21	10-7530R12	1.050	12	6	26.7	304.8	152.4
1	27	10-1030R12	1.315	12	6	33.4	304.8	152.4
1 ¼	35	10-1230R12	1.660	12	6	42.2	304.8	152.4
1 ½	41	10-1530R12	1.900	12	6	48.3	304.8	152.4
2	53	10-2030R12	2.375	12	6	60.3	304.8	152.4
2 ½	63	10-2530R12	2.890	12	6	73.4	304.8	152.4
18" Radius								
¾	21	10-7530R18	1.050	18	6	26.7	457.2	152.4
1	27	10-1030R18	1.315	18	6	33.4	457.2	152.4
1 ¼	35	10-1230R18	1.660	18	6	42.2	457.2	152.4
1 ½	41	10-1530R18	1.900	18	6	48.3	457.2	152.4
2	53	10-2030R18	2.375	18	6	60.3	457.2	152.4
2 ½	63	10-2530R18	2.890	18	6	73.4	457.2	152.4
3	63	10-3030R18	3.500	18	6	88.9	457.2	152.4
24" Radius								
¾	21	10-7530R24	1.050	24	6	26.7	609.6	152.4
1	27	10-1030R24	1.315	24	6	33.4	609.6	152.4
1 ¼	35	10-1230R24	1.660	24	6	42.2	609.6	152.4
1 ½	41	10-1530R24	1.900	24	6	48.3	609.6	152.4
2	53	10-2030R24	2.375	24	6	60.3	609.6	152.4
2 ½	63	10-2530R24	2.890	24	6	73.4	609.6	152.4
3	78	10-3030R24	3.500	24	6	88.9	609.6	152.4
4	103	10-4030R24	4.500	24	6	114.3	609.6	152.4
36" Radius								
¾	21	10-7530R36	1.050	36	6	26.7	914.4	152.4
1	27	10-1030R36	1.315	36	6	33.4	914.4	152.4
1 ¼	35	10-1230R36	1.660	36	6	42.2	914.4	152.4
1 ½	41	10-1530R36	1.900	36	6	48.3	914.4	152.4
2	53	10-2030R36	2.375	36	6	60.3	914.4	152.4
2 ½	63	10-2530R36	2.890	36	6	73.4	914.4	152.4
3	78	10-3030R36	3.500	36	6	88.9	914.4	152.4
4	103	10-4030R36	4.500	36	6	114.3	914.4	152.4
5	129	10-5030R36	5.563	36	6	141.3	914.4	152.4
6	155	10-6030R36	6.625	36	6	168.3	914.4	152.4

Size		Part Number	ØB	R	T	ØB	R	T
(in)	(mm)		(in)			(mm)		
48" Radius								
¾	21	10-7530R48	1.050	48	6	26.7	1219.2	152.4
1	27	10-1030R48	1.315	48	6	33.4	1219.2	152.4
1 ¼	35	10-1230R48	1.660	48	6	42.2	1219.2	152.4
1 ½	41	10-1530R48	1.900	48	6	48.3	1219.2	152.4
2	53	10-2030R48	2.375	48	6	60.3	1219.2	152.4
2 ½	63	10-2530R48	2.890	48	6	73.4	1219.2	152.4
3	78	10-3030R48	3.500	48	6	88.9	1219.2	152.4
4	103	10-4030R48	4.500	48	6	114.3	1219.2	152.4
5	129	10-5030R48	5.563	48	6	141.3	1219.2	152.4
6	155	10-6030R48	6.625	48	6	168.3	1219.2	152.4
60" Radius								
¾	21	10-7530R60	1.050	60	6	26.7	1524.0	152.4
1	27	10-1030R60	1.315	60	6	33.4	1524.0	152.4
1 ¼	35	10-1230R60	1.660	60	6	42.2	1524.0	152.4
1 ½	41	10-1530R60	1.900	60	6	48.3	1524.0	152.4
2	53	10-2030R60	2.375	60	6	60.3	1524.0	152.4
2 ½	63	10-2530R60	2.890	60	6	73.4	1524.0	152.4
3	78	10-3030R60	3.500	60	6	88.9	1524.0	152.4
4	103	10-4030R60	4.500	60	6	114.3	1524.0	152.4
5	129	10-5030R60	5.563	60	6	141.3	1524.0	152.4
6	155	10-6030R60	6.625	60	6	168.3	1524.0	152.4
72" Radius								
2	53	10-2030R72	2.375	72	6	60.3	1828.8	152.4
2 ½	63	10-2530R72	2.890	72	6	73.4	1828.8	152.4
3	78	10-3030R72	3.500	72	6	88.9	1828.8	152.4
4	103	10-4030R72	4.500	72	6	114.3	1828.8	152.4
5	129	10-5030R72	5.563	72	6	141.3	1828.8	152.4
6	155	10-6030R72	6.625	72	6	168.3	1828.8	152.4
8*	203	10-8030R72	8.623	72	6	219.0	1828.8	152.4
84" Radius								
8*	203	10-8030R84	8.623	84	6	219.0	2133.6	152.4
96" Radius								
8*	203	10-8030R96	8.623	96	6	219.0	2438.4	152.4
108" Radius								
8*	203	10-8030R108	8.623	108	6	219.0	2743.2	152.4

* 8" is not a recognized trade size per electrical code (NEC/CEC), therefore cannot be UL listed and CSA certified.

IPS Standard Wall

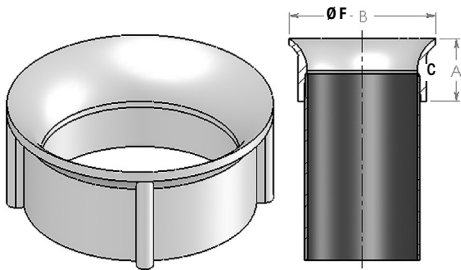
IPS SW Offset Elbow



Size		Part Number
(in)	(mm)	
ALL	ALL	

Please contact our local agent for quotes and feasibility.

IPS SW Radius Bell End

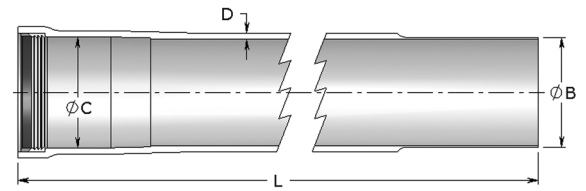


Size		Part Number	C	Ø F	C	Ø F
(in)	(mm)		(in)		(mm)	
¾	21	10-7518	1.7	1.918	43.2	48.72
1	27	10-1018	1.7	2.183	43.2	55.45
1 ¼	35	10-1218	1.7	2.528	43.2	64.21
1 ½	41	10-1518	1.7	2.768	43.2	70.31
2	53	10-2018	1.7	3.235	43.2	82.17
2 ½	63	10-2518	1.7	3.750	43.2	95.25
3	78	10-3018	1.7	4.360	43.2	110.74
4	103	10-4018	2.162	5.360	54.9	136.14
5	129	10-5018	2.162	6.373	54.9	161.87
6	155	10-6018	2.416	7.405	61.4	188.09
8*	203	10-8018	2.416	9.393	61.4	238.58

*8" is not a recognized trade size per electrical code (NEC/CEC), therefore cannot be UL listed and CSA certified.

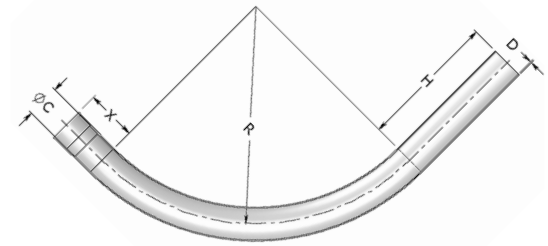
IPS Standard Wall

IPS SW Riseway



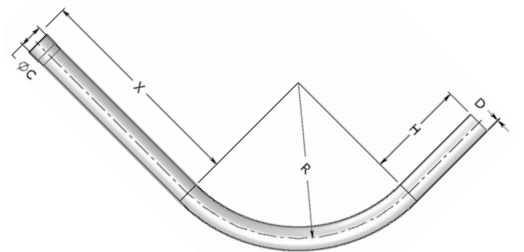
Size		Part Number	ØB	ØC	D	L	ØB	ØC	D	L
(in)	(mm)		(in)				(mm)			
2	53	10-2440	2.375	2.417	0.235	118	60.3	61.4	6.0	2,997.2
3	78	10-3440	3.500	3.542	0.235	118	88.9	90.0	6.0	2,997.2
4	103	10-4440	4.500	4.542	0.235	118	114.3	115.4	6.0	2,997.2
6	155	10-6440	6.500	6.669	0.235	118	169.4	166.2	6.0	2,997.2

IPS SW Polerises



Size		Part Number	ØC	D	R	H	X	ØC	D	R	H	X
(in)	(mm)		(in)					(mm)				
2	53	10-2038	2.417	0.130	30	19	8	61.4	3.3	762.0	482.6	203.2
3	78	10-3038	3.542	0.130	30	19	8	90.0	3.3	762.0	482.6	203.2
4	103	10-4038	4.542	0.130	30	19	8	115.4	3.3	762.0	482.6	203.2

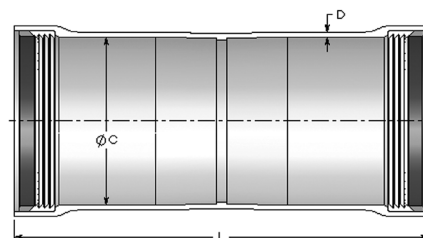
IPS SW Extended Polerises



Size		Part Number	ØC	D	R	H	X	ØC	D	R	H	X
(in)	(mm)		(in)					(mm)				
2	53	10-2039	2.417	0.130	30	19	42	61.4	3.3	762.0	482.6	1066.8
3	78	10-3039	3.542	0.130	30	19	42	90.0	3.3	762.0	482.6	1066.8
4	103	10-4039	4.542	0.130	30	19	42	115.4	3.3	762.0	482.6	1066.8

IPS Standard Wall

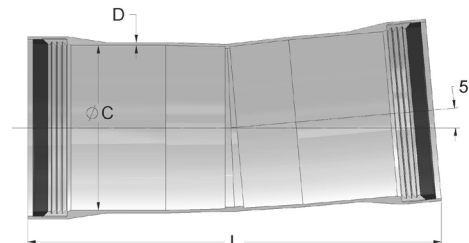
IPS SW Double Bell Coupling



Size		Part Number	ØC	D	L	ØC	D	L
(in)	(mm)		(in)			(mm)		
¾	21	10-7510	1.086	0.066	9.750	27.6	1.7	247.7
1	27	10-1010	1.351	0.066	9.750	34.3	1.7	247.7
1 ¼	35	10-1210	1.698	0.066	9.750	43.1	1.7	247.7
1 ½	41	10-1510	1.938	0.066	9.750	49.2	1.7	247.7
2	53	10-2010	2.417	0.070	10.250	61.4	1.8	260.4
2 ½	63	10-2510	2.932	0.070	10.250	74.5	1.8	260.4
3	78	10-3010	3.542	0.070	10.250	90.0	1.8	260.4
4	103	10-4010	4.542	0.070	10.250	115.4	1.8	260.4
5	129	10-5010	5.610	0.095	10.250	142.5	2.4	260.4
6	155	10-6010	6.669	0.110	10.250	169.4	2.8	260.4
8*	203	10-8010	8.667	0.115	10.250	220.1	2.9	260.4

* 8" is not a recognized trade size per electrical code (NEC/CEC), therefore cannot be UL listed and CSA certified.

IPS SW 5° Double Bell Coupling

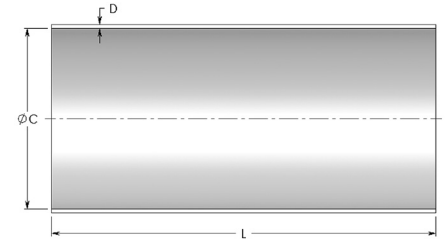


Size		Part Number	ØC	D	L	ØC	D	L
(in)	(mm)		(in)			(mm)		
¾	21	10-7511	1.086	0.066	9.7	27.6	1.7	246.4
1	27	10-1011	1.351	0.066	9.7	34.3	1.7	246.4
1 ¼	35	10-1211	1.698	0.066	9.8	43.1	1.7	248.9
1 ½	41	10-1511	1.938	0.066	9.8	49.2	1.7	248.9
2	53	10-2011	2.417	0.070	10.3	61.4	1.8	261.6
2 ½	63	10-2511	2.932	0.070	10.4	74.5	1.8	264.2
3	78	10-3011	3.542	0.070	10.4	90.0	1.8	264.2
4	103	10-4011	4.542	0.070	10.5	115.4	1.8	266.7
5	129	10-5011	5.610	0.095	10.6	142.5	2.4	269.2
6	155	10-6011	6.669	0.110	10.7	169.4	2.8	271.8
8*	203	10-8011	8.667	0.115	10.9	220.1	2.9	276.9

* 8" is not a recognized trade size per electrical code (NEC/CEC), therefore cannot be UL listed and CSA certified.

IPS Standard Wall

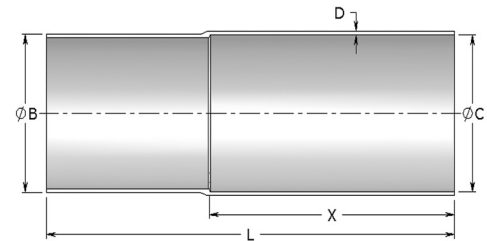
IPS SW Sleeve (Repair Fitting)



Size		Part Number	ØC	D	L	ØC	D	L
(in)	(mm)		(in)			(mm)		
¾	21	10-7516	1.086	0.066	12	27.6	1.7	304.8
1	27	10-1016	1.351	0.066	12	34.3	1.7	304.8
1 ¼	35	10-1216	1.698	0.066	12	43.1	1.7	304.8
1 ½	41	10-1516	1.938	0.066	12	49.2	1.7	304.8
2	53	10-2016	2.417	0.070	12	61.4	1.8	304.8
2 ½	63	10-2516	2.932	0.070	12	74.5	1.8	304.8
3	78	10-3016	3.542	0.070	12	90.0	1.8	304.8
4	103	10-4016	4.542	0.070	12	115.4	1.8	304.8
5	129	10-5016	5.610	0.095	12	142.5	2.4	304.8
6	155	10-6016	6.669	0.110	12	169.4	2.8	304.8
8*	203	10-8016	8.667	0.115	12	220.1	2.9	304.8

*8" is not a recognized trade size per electrical code (NEC/CEC), therefore cannot be UL listed and CSA certified.

IPS SW Single Expansion Joint

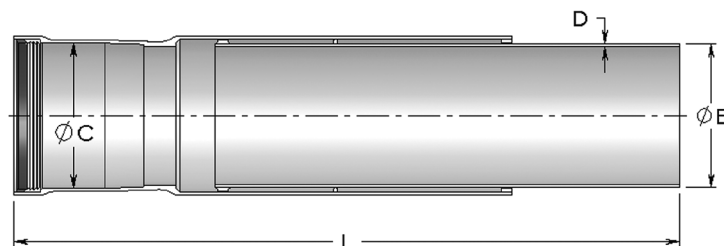


Size		Part Number	ØB	ØC	D	L	X	ØB	ØC	D	L	X
(in)	(mm)		(in)					(mm)				
¾	21	10-7512	1.050	1.086	0.066	20	12	26.7	27.6	1.7	508.0	304.8
1	27	10-1012	1.315	1.351	0.066	20	12	33.4	34.3	1.7	508.0	304.8
1 ¼	35	10-1212	1.660	1.698	0.066	20	12	42.2	43.1	1.7	508.0	304.8
1 ½	41	10-1512	1.900	1.938	0.066	20	12	48.3	49.2	1.7	508.0	304.8
2	53	10-2012	2.375	2.417	0.070	20	12	60.3	61.4	1.8	508.0	304.8
2 ½	63	10-2512	2.890	2.932	0.070	20	12	73.4	74.5	1.8	508.0	304.8
3	78	10-3012	3.500	3.542	0.070	20	12	88.9	90.0	1.8	508.0	304.8
4	103	10-4012	4.500	4.542	0.070	20	12	114.3	115.4	1.8	508.0	304.8
5	129	10-5012	5.563	5.610	0.095	20	12	141.3	142.5	2.4	508.0	304.8
6	155	10-6012	6.625	6.669	0.110	20	12	168.3	169.4	2.8	508.0	304.8
8*	203	10-8012	8.623	8.667	0.115	20	12	219.0	220.1	2.9	508.0	304.8

*8" is not a recognized trade size per electrical code (NEC/CEC), therefore cannot be UL listed and CSA certified.

IPS Standard Wall

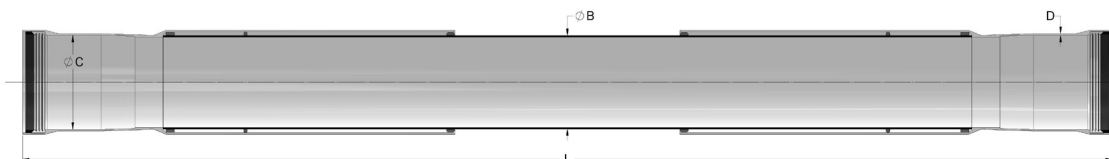
IPS SW O-Ring Expansion Joint



Size		Part Number	ØB	ØC	D	L (min)	L (max)	ØB	ØC	D	L (min)	L (max)
(in)	(mm)		(in)					(mm)				
¾	21	10-7517	1.050	1.086	0.066	24	36	26.7	27.6	1.7	609.6	914.4
1	27	10-1017	1.315	1.351	0.066	24	36	33.4	34.3	1.7	609.6	914.4
1 ¼	35	10-1217	1.660	1.698	0.066	24	36	42.2	43.1	1.7	609.6	914.4
1 ½	41	10-1517	1.900	1.938	0.066	24	36	48.3	49.2	1.7	609.6	914.4
2	53	10-2017	2.375	2.417	0.070	24	36	60.3	61.4	1.8	609.6	914.4
2 ½	63	10-2517	2.890	2.932	0.070	24	36	73.4	74.5	1.8	609.6	914.4
3	78	10-3017	3.500	3.542	0.070	24	36	88.9	90.0	1.8	609.6	914.4
4	103	10-4017	4.500	4.542	0.070	24	36	114.3	115.4	1.8	609.6	914.4
5	129	10-5017	5.563	5.610	0.095	24	36	141.3	142.5	2.4	609.6	914.4
6	155	10-6017	6.625	6.669	0.110	24	36	168.3	169.4	2.8	609.6	914.4
8*	203	10-8017	8.623	8.667	0.115	24	36	219.0	220.1	2.9	609.6	914.4

* 8" is not a recognized trade size per electrical code (NEC/CEC), therefore cannot be UL listed and CSA certified.

IPS SW Double O-Ring Expansion Joint

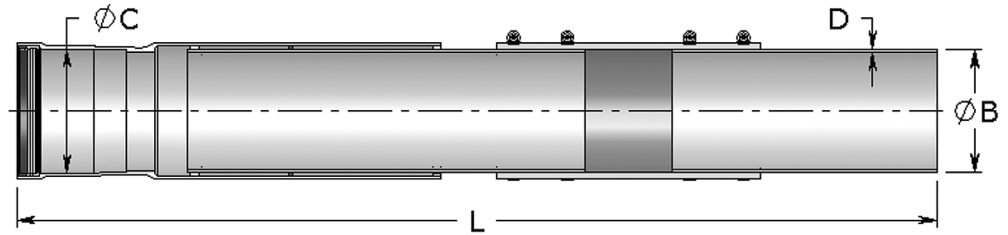


Size		Part Number	Ø B	Ø C	D	L (min)	L (max)	Ø B	Ø C	D	L (min)	L (max)
(in)	(mm)		(in)					(mm)				
¾	21	10-7567	1.050	1.086	0.066	48	72	26.7	27.6	1.7	1,219.2	1,828.8
1	27	10-1067	1.315	1.351	0.066	48	72	33.4	34.3	1.7	1,219.2	1,828.8
1 ¼	35	10-1267	1.660	1.698	0.066	48	72	42.2	43.1	1.7	1,219.2	1,828.8
1 ½	41	10-1567	1.900	1.938	0.066	48	72	48.3	49.2	1.7	1,219.2	1,828.8
2	53	10-2067	2.375	2.417	0.070	48	72	60.3	61.4	1.8	1,219.2	1,828.8
2 ½	63	10-2567	2.890	2.932	0.070	48	72	73.4	74.5	1.8	1,219.2	1,828.8
3	78	10-3067	3.500	3.542	0.070	48	72	88.9	90.0	1.8	1,219.2	1,828.8
4	103	10-4067	4.500	4.542	0.070	48	72	114.3	115.4	1.8	1,219.2	1,828.8
5	129	10-5067	5.563	5.610	0.095	48	72	141.3	142.5	2.4	1,219.2	1,828.8
6	155	10-6067	6.625	6.669	0.110	48	72	168.3	169.4	2.8	1,219.2	1,828.8
8*	203	10-8067	8.623	8.667	0.115	48	72	219.0	220.1	2.9	1,219.2	1,828.8

* 8" is not a recognized trade size per electrical code (NEC/CEC), therefore cannot be UL listed and CSA certified.

IPS Standard Wall

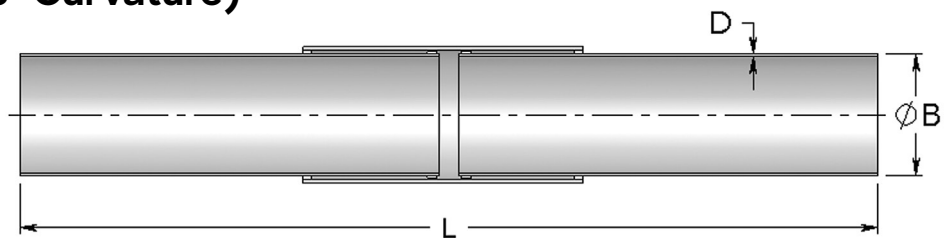
IPS SW O-Ring Expansion/Deflection Joint



Size		Part Number	ØB	ØC	D	L (min)	L (max)	ØB	ØC	D	L (min)	L (max)
(in)	(mm)		(in)				(mm)					
¾	21	10-7557	1.050	1.086	0.066	40	52	26.7	27.6	1.7	1,016.0	1,320.8
1	27	10-1057	1.315	1.351	0.066	40	52	33.4	34.3	1.7	1,016.0	1,320.8
1 ¼	35	10-1257	1.660	1.698	0.066	40	52	42.2	43.1	1.7	1,016.0	1,320.8
1 ½	41	10-1557	1.900	1.938	0.066	40	52	48.3	49.2	1.7	1,016.0	1,320.8
2	53	10-2057	2.375	2.417	0.070	40	52	60.3	61.4	1.8	1,016.0	1,320.8
2 ½	63	10-2557	2.890	2.932	0.070	40	52	73.4	74.5	1.8	1,016.0	1,320.8
3	78	10-3057	3.500	3.542	0.070	40	52	88.9	90.0	1.8	1,016.0	1,320.8
4	103	10-4057	4.500	4.542	0.070	40	52	114.3	115.4	1.8	1,016.0	1,320.8
5	129	10-5057	5.563	5.610	0.095	40	52	141.3	142.5	2.4	1,016.0	1,320.8
6	155	10-6057	6.625	6.669	0.110	40	52	168.3	169.4	2.8	1,016.0	1,320.8
8*	203	10-8057	8.623	8.667	0.115	40	52	219.0	220.1	2.9	1,016.0	1,320.8

* 8" is not a recognized trade size per electrical code (NEC/CEC), therefore cannot be UL listed and CSA certified.

IPS SW Wobble (For up to 3° Curvature)



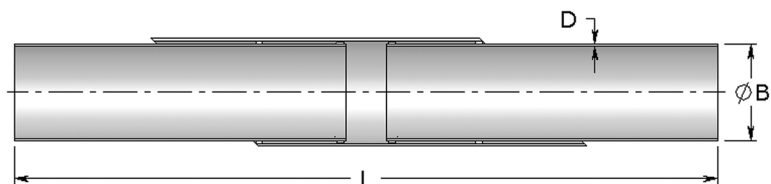
Size		Part Number	ØB	D	L (min)	L (max)	ØB	D	L (min)	L (max)
(in)	(mm)		(in)				(mm)			
¾	21	10-7513	1.050	0.066	36	46	26.7	1.7	914.4	1,168.4
1	27	10-1013	1.315	0.066	36	46	33.4	1.7	914.4	1,168.4
1 ¼	35	10-1213	1.660	0.066	36	46	42.2	1.7	914.4	1,168.4
1 ½	41	10-1513	1.900	0.066	36	46	48.3	1.7	914.4	1,168.4
2	53	10-2013	2.375	0.070	36	46	60.3	1.8	914.4	1,168.4
2 ½	63	10-2513	2.890	0.070	36	46	73.4	1.8	914.4	1,168.4
3	78	10-3013	3.500	0.070	36	46	88.9	1.8	914.4	1,168.4
4	103	10-4013	4.500	0.070	36	46	114.3	1.8	914.4	1,168.4
5	129	10-5013	5.563	0.095	36	46	141.3	2.4	914.4	1,168.4
6	155	10-6013	6.625	0.110	36	46	168.3	2.8	914.4	1,168.4
8*	203	10-8013	8.623	0.115	36	46	219.1	2.9	914.4	1,168.4

* 8" is not a recognized trade size per electrical code (NEC/CEC), therefore cannot be UL listed and CSA certified.

Note: Fitting is non-watertight

IPS Standard Wall

IPS SW Skew Wobble (For up to 7.5° Curvature)

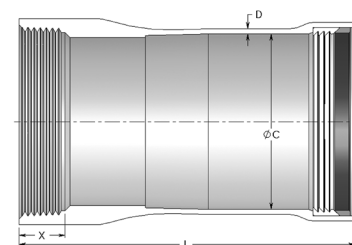


Size		Part Number	ØB	D	L (min)	L (max)	ØB	D	L (min)	L (max)
(in)	(mm)		(in)				(mm)			
¾	21	10-7514	1.050	0.066	48	56	26.7	1.7	1,219.2	1,422.4
1	27	10-1014	1.315	0.066	48	56	33.4	1.7	1,219.2	1,422.4
1 ¼	35	10-1214	1.660	0.066	48	56	42.2	1.7	1,219.2	1,422.4
1 ½	41	10-1514	1.900	0.066	48	56	48.3	1.7	1,219.2	1,422.4
2	53	10-2014	2.375	0.070	48	56	60.3	1.8	1,219.2	1,422.4
2 ½	63	10-2514	2.890	0.070	48	56	73.4	1.8	1,219.2	1,422.4
3	78	10-3014	3.500	0.070	48	56	88.9	1.8	1,219.2	1,422.4
4	103	10-4014	4.500	0.070	48	56	114.3	1.8	1,219.2	1,422.4
5	129	10-5014	5.563	0.095	48	56	141.3	2.4	1,219.2	1,422.4
6	155	10-6014	6.625	0.110	48	56	168.3	2.8	1,219.2	1,422.4
8*	203	10-8014	8.623	0.115	48	56	219.1	2.9	1,219.2	1,422.4

* 8" is not a recognized trade size per electrical code (NEC/CEC), therefore cannot be UL listed and CSA certified.

Note: Fitting is non-watertight.

IPS SW NPT Female Threaded Adapter

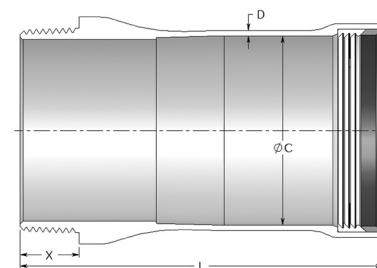


Size		Part Number	ØC	D	L	X	ØC	D	L	X
(in)	(mm)		(in)				(mm)			
¾	21	10-7544	1.086	0.066	6.75	0.553	27.6	1.7	171.5	14.0
1	27	10-1044	1.351	0.066	6.75	0.661	34.3	1.7	171.5	16.8
1 ¼	35	10-1244	1.698	0.066	6.75	0.681	43.1	1.7	171.5	17.3
1 ½	41	10-1544	1.938	0.066	6.75	0.681	49.2	1.7	171.5	17.3
2	53	10-2044	2.417	0.070	8.00	0.697	61.4	1.8	203.2	17.7
2 ½	63	10-2544	2.932	0.070	8.00	0.932	74.5	1.8	203.2	23.7
3	78	10-3044	3.542	0.070	8.00	1.016	90.0	1.8	203.2	25.8
4	103	10-4044	4.542	0.070	8.00	1.094	115.4	1.8	203.2	27.8
5	129	10-5044	5.610	0.095	8.00	1.187	142.5	2.4	203.2	30.1
6	155	10-6044	6.669	0.110	8.00	1.208	169.4	2.8	203.2	30.7
8*	203	10-8044	8.667	0.115	8.00	1.313	220.1	2.9	203.2	33.4

* 8" is not a recognized trade size per electrical code (NEC/CEC), therefore cannot be UL listed and CSA certified.

IPS Standard Wall

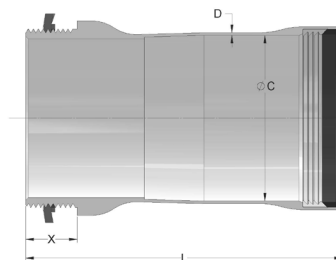
IPS SW NPT Male Threaded Adapter



Size		Part Number	ØC	D	L	X	ØC	D	L	X
(in)	(mm)		(in)				(mm)			
¾	21	10-7527	1.086	0.066	6.75	0.546	27.6	1.7	171.5	13.9
1	27	10-1027	1.351	0.066	6.75	0.683	34.3	1.7	171.5	17.3
1 ¼	35	10-1227	1.698	0.066	6.75	0.707	43.1	1.7	171.5	18.0
1 ½	41	10-1527	1.938	0.066	6.75	0.724	49.2	1.7	171.5	18.4
2	53	10-2027	2.417	0.070	8.00	0.757	61.4	1.8	203.2	19.2
2 ½	63	10-2527	2.932	0.070	8.00	1.138	74.5	1.8	203.2	28.9
3	78	10-3027	3.542	0.070	8.00	1.200	90.0	1.8	203.2	30.5
4	103	10-4027	4.542	0.070	8.00	1.300	115.4	1.8	203.2	33.0
5	129	10-5027	5.610	0.095	8.00	1.406	142.5	2.4	203.2	35.7
6	155	10-6027	6.669	0.110	8.00	1.513	169.4	2.8	203.2	38.4
8*	203	10-8027	8.667	0.115	8.00	1.713	220.1	2.9	203.2	43.5

* 8" is not a recognized trade size per electrical code (NEC/CEC), therefore cannot be UL listed and CSA certified.

IPS SW Box Connector

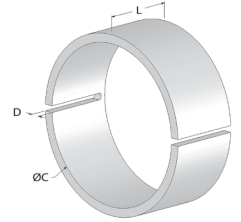


Size		Part Number	ØC	D	L	X	ØC	D	L	X
(in)	(mm)		(in)				(mm)			
¾	21	10-7547	1.086	0.066	6.75	0.546	27.6	1.7	171.5	13.9
1	27	10-1047	1.351	0.066	6.75	0.683	34.3	1.7	171.5	17.3
1 ¼	35	10-1247	1.698	0.066	6.75	0.707	43.1	1.7	171.5	18.0
1 ½	41	10-1547	1.938	0.066	6.75	0.724	49.2	1.7	171.5	18.4
2	53	10-2047	2.417	0.070	8.00	0.757	61.4	1.8	203.2	19.2
2 ½	63	10-2547	2.932	0.070	8.00	1.138	74.5	1.8	203.2	28.9
3	78	10-3047	3.542	0.070	8.00	1.200	90.0	1.8	203.2	30.5
4	103	10-4047	4.542	0.070	8.00	1.300	115.4	1.8	203.2	33.0
5	129	10-5047	5.610	0.095	8.00	1.406	142.5	2.4	203.2	35.7
6	155	10-6047	6.669	0.110	8.00	1.513	169.4	2.8	203.2	38.4
8*	203	10-8047	8.667	0.115	8.00	1.713	220.1	2.9	203.2	43.5

* 8" is not a recognized trade size per electrical code (NEC/CEC), therefore cannot be UL listed and CSA certified.

IPS Standard Wall

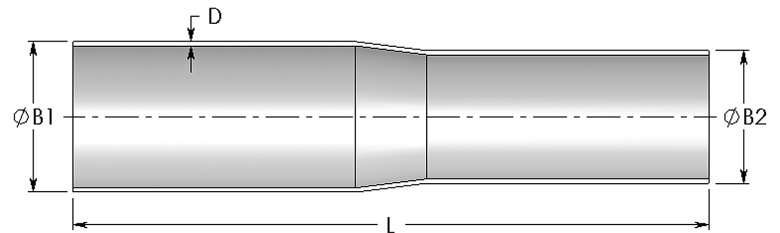
IPS SW Split Stop Ring



Size		Part Number	ØC	D	L	ØC	D	L
(in)	(mm)		(in)			(mm)		
¾	21	10-7564	1.086	0.185	2.0	27.6	4.7	50.8
1	27	10-1064	1.351	0.185	2.0	34.3	4.7	50.8
1 ¼	35	10-1264	1.698	0.185	2.0	43.1	4.7	50.8
1 ½	41	10-1564	1.938	0.185	2.0	49.2	4.7	50.8
2	53	10-2064	2.417	0.185	2.0	61.4	4.7	50.8
2 ½	63	10-2564	2.890	0.185	2.0	73.4	4.7	50.8
3	78	10-3064	3.542	0.185	2.0	90.0	4.7	50.8
4	103	10-4064	4.542	0.185	2.0	115.4	4.7	50.8
5	129	10-5064	5.610	0.185	2.0	142.5	4.7	50.8
6	155	10-6064	6.669	0.185	2.0	169.4	4.7	50.8
8*	203	10-8064	8.667	0.185	2.0	220.1	4.7	50.8

* 8" is not a recognized trade size per electrical code (NEC/CEC), therefore cannot be UL listed and CSA certified.

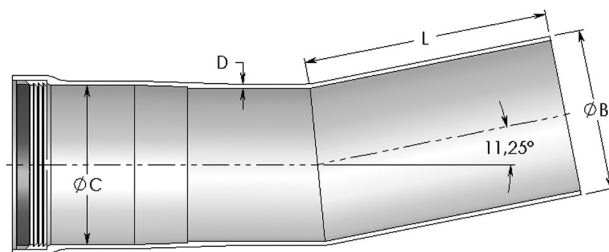
IPS SW Reducer



Size		Part Number	Ø B1	Ø B2	D	L	Ø B1	Ø B2	D	L
(in)	(mm)		(in)				(mm)			
1	27	10-1029	1.315	1.050	0.066	18	33.4	26.7	1.7	457.2
1 ¼	35	10-1229	1.660	1.315	0.066	18	42.2	33.4	1.7	457.2
1 ½	41	10-1529	1.900	1.660	0.066	18	48.3	42.2	1.7	457.2
2	53	10-2029	2.375	1.900	0.070	18	60.3	48.3	1.8	457.2
2 ½	63	10-2529	2.890	2.375	0.070	18	73.4	60.3	1.8	457.2
3	78	10-3029	3.500	2.890	0.070	18	88.9	73.4	1.8	457.2
4	103	10-4029	4.500	3.500	0.070	18	114.3	88.9	1.8	457.2
5	129	10-5029	5.563	4.500	0.095	18	141.3	114.3	2.4	457.2
6	155	10-6029	6.625	5.563	0.110	18	168.3	141.3	2.8	457.2

IPS Standard Wall

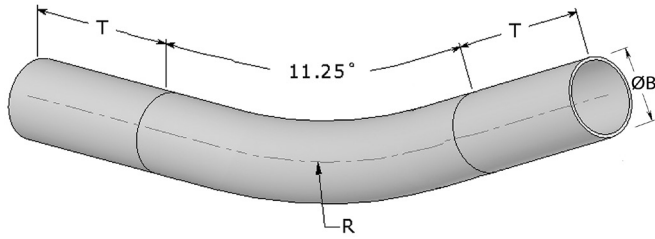
IPS SW 11.25° Fitting



Size		Part Number	ØB	ØC	D	L	ØB	ØC	D	L
(in)	(mm)		(in)				(mm)			
¾	21	10-7535	1.050	1.086	0.066	7.0	26.7	27.6	1.7	177.8
1	27	10-1035	1.315	1.351	0.066	7.0	33.4	34.3	1.7	177.8
1 ¼	35	10-1235	1.660	1.698	0.066	7.0	42.2	43.1	1.7	177.8
1 ½	41	10-1535	1.900	1.938	0.066	7.0	48.3	49.2	1.7	177.8
2	53	10-2035	2.375	2.417	0.070	7.0	60.3	61.4	1.8	177.8
2 ½	63	10-2535	2.890	2.932	0.070	7.0	73.4	74.5	1.8	177.8
3	78	10-3035	3.500	3.542	0.070	7.0	88.9	90.0	1.8	177.8
4	103	10-4035	4.500	4.542	0.070	7.0	114.3	115.4	1.8	177.8
5	129	10-5035	5.563	5.610	0.095	7.0	141.3	142.5	2.4	177.8
6	155	10-6035	6.625	6.669	0.110	7.0	168.3	169.4	2.8	177.8
8*	203	10-8035	8.623	8.667	0.115	7.0	219.0	220.1	2.9	177.8

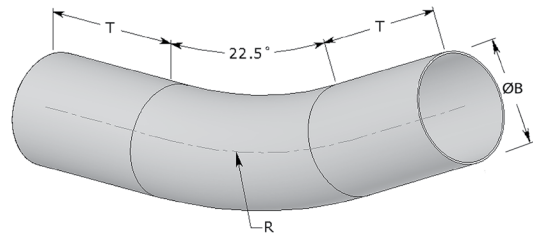
* 8" is not a recognized trade size per electrical code (NEC/CEC), therefore cannot be UL listed and CSA certified.

IPS HW 11.25° Elbow



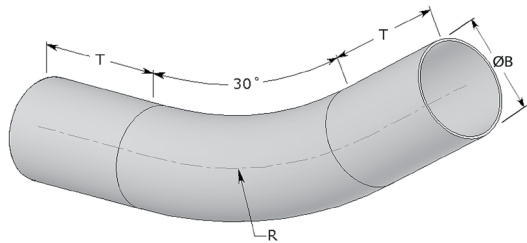
Size		Part Number	ØB	R	T	ØB	R	T
(in)	(mm)		(in)			(mm)		
24" Radius								
4	103	12-4035R24	4.550	24	6	115.6	609.6	152.4
36" Radius								
4	103	12-4035R36	4.550	36	6	115.6	914.4	152.4
5	129	12-5035R36	5.603	36	6	142.3	914.4	152.4
6	155	12-6035R36	6.635	36	6	168.5	914.4	152.4
48" Radius								
4	103	12-4035R48	4.550	48	6	115.6	1219.2	152.4
5	129	12-5035R48	5.603	48	6	142.3	1219.2	152.4
6	155	12-6035R48	6.635	48	6	168.5	1219.2	152.4
60" Radius								
4	103	12-4035R60	4.550	60	6	115.6	1524.0	152.4
5	129	12-5035R60	5.603	60	6	142.3	1524.0	152.4
6	155	12-6035R60	6.635	60	6	168.5	1524.0	152.4
72" Radius								
4	103	12-4035R72	4.550	72	6	115.6	1828.8	152.4
5	129	12-5035R72	5.603	72	6	142.3	1828.8	152.4
6	155	12-6035R72	6.635	72	6	168.5	1828.8	152.4

IPS HW 22.25° Elbow



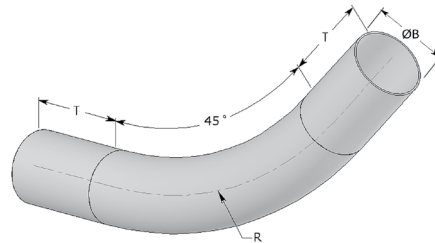
Size		Part Number	ØB	R	T	ØB	R	T
(in)	(mm)		(in)			(mm)		
24" Radius								
4	103	12-4034R24	4.550	24	6	115.6	609.6	152.4
36" Radius								
4	103	12-4034R36	4.550	36	6	115.6	914.4	152.4
5	129	12-5034R36	5.603	36	6	142.3	914.4	152.4
6	155	12-6034R36	6.635	36	6	168.5	914.4	152.4
48" Radius								
4	103	12-4034R48	4.550	48	6	115.6	1219.2	152.4
5	129	12-5034R48	5.603	48	6	142.3	1219.2	152.4
6	155	12-6034R48	6.635	48	6	168.5	1219.2	152.4
60" Radius								
4	103	12-4034R60	4.550	60	6	115.6	1524.0	152.4
5	129	12-5034R60	5.603	60	6	142.3	1524.0	152.4
6	155	12-6034R60	6.635	60	6	168.5	1524.0	152.4
72" Radius								
4	103	12-4034R72	4.550	72	6	115.6	1828.8	152.4
5	129	12-5034R72	5.603	72	6	142.3	1828.8	152.4
6	155	12-6034R72	6.635	72	6	168.5	1828.8	152.4

IPS HW 30° Elbow



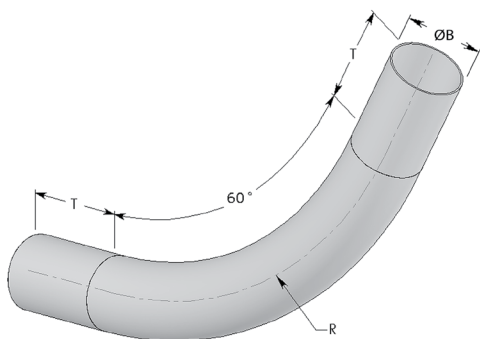
Size		Part Number	ØB	R	T	ØB	R	T
(in)	(mm)		(in)			(mm)		
24" Radius								
4	103	12-4033R24	4.550	24	6	115.6	609.6	152.4
36" Radius								
4	103	12-4033R36	4.550	36	6	115.6	914.4	152.4
5	129	12-5033R36	5.603	36	6	142.3	914.4	152.4
6	155	12-6033R36	6.635	36	6	168.5	914.4	152.4
48" Radius								
4	103	12-4033R48	4.550	48	6	115.6	1219.2	152.4
5	129	12-5033R48	5.603	48	6	142.3	1219.2	152.4
6	155	12-6033R48	6.635	48	6	168.5	1219.2	152.4
60" Radius								
4	103	12-4033R60	4.550	60	6	115.6	1524.0	152.4
5	129	12-5033R60	5.603	60	6	142.3	1524.0	152.4
6	155	12-6033R60	6.635	60	6	168.5	1524.0	152.4
72" Radius								
4	103	12-4033R72	4.550	72	6	115.6	1828.8	152.4
5	129	12-5033R72	5.603	72	6	142.3	1828.8	152.4
6	155	12-6033R72	6.635	72	6	168.5	1828.8	152.4

IPS HW 45° Elbow



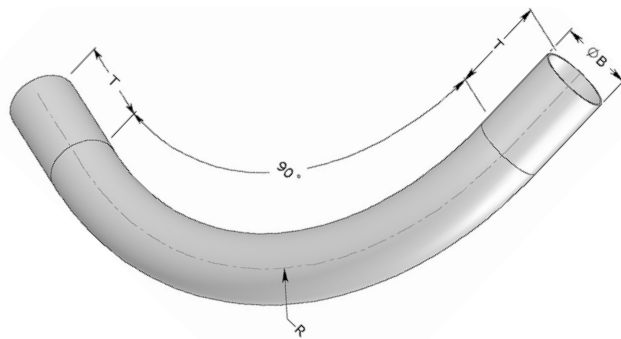
Size		Part Number	ØB	R	T	ØB	R	T
(in)	(mm)		(in)			(mm)		
24" Radius								
4	103	12-4032R24	4.550	24	6	115.6	609.6	152.4
36" Radius								
4	103	12-4032R36	4.550	36	6	115.6	914.4	152.4
5	129	12-5032R36	5.603	36	6	142.3	914.4	152.4
6	155	12-6032R36	6.635	36	6	168.5	914.4	152.4
48" Radius								
4	103	12-4032R48	4.550	48	6	115.6	1219.2	152.4
5	129	12-5032R48	5.603	48	6	142.3	1219.2	152.4
6	155	12-6032R48	6.635	48	6	168.5	1219.2	152.4
60" Radius								
4	103	12-4032R60	4.550	60	6	115.6	1524.0	152.4
5	129	12-5032R60	5.603	60	6	142.3	1524.0	152.4
6	155	12-6032R60	6.635	60	6	168.5	1524.0	152.4
72" Radius								
4	103	12-4032R72	4.550	72	6	115.6	1828.8	152.4
5	129	12-5032R72	5.603	72	6	142.3	1828.8	152.4
6	155	12-6032R72	6.635	72	6	168.5	1828.8	152.4

IPS HW 60° Elbow



Size		Part Number	ØB	R	T	ØB	R	T
(in)	(mm)		(in)			(mm)		
24" Radius								
4	103	12-4031R24	4.550	24	6	115.6	609.6	152.4
36" Radius								
4	103	12-4031R36	4.550	36	6	115.6	914.4	152.4
5	129	12-5031R36	5.603	36	6	142.3	914.4	152.4
6	155	12-6031R36	6.635	36	6	168.5	914.4	152.4
48" Radius								
4	103	12-4031R48	4.550	48	6	115.6	1219.2	152.4
5	129	12-5031R48	5.603	48	6	142.3	1219.2	152.4
6	155	12-6031R48	6.635	48	6	168.5	1219.2	152.4
60" Radius								
4	103	12-4031R60	4.550	60	6	115.6	1524.0	152.4
5	129	12-5031R60	5.603	60	6	142.3	1524.0	152.4
6	155	12-6031R60	6.635	60	6	168.5	1524.0	152.4
72" Radius								
4	103	12-4031R72	4.550	72	6	115.6	1828.8	152.4
5	129	12-5031R72	5.603	72	6	142.3	1828.8	152.4
6	155	12-6031R72	6.635	72	6	168.5	1828.8	152.4

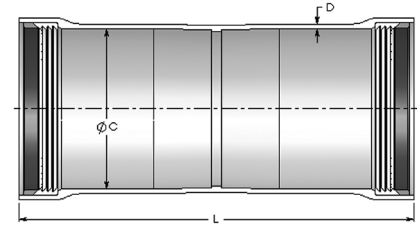
IPS HW 90° Elbow



Size		Part Number	ØB	R	T	ØB	R	T
(in)	(mm)		(in)			(mm)		
24" Radius								
4	103	12-4030R24	4.550	24	6	115.6	609.6	152.4
36" Radius								
4	103	12-4030R36	4.550	36	6	115.6	914.4	152.4
5	129	12-5030R36	5.603	36	6	142.3	914.4	152.4
6	155	12-6030R36	6.635	36	6	168.5	914.4	152.4
48" Radius								
4	103	12-4030R48	4.550	48	6	115.6	1219.2	152.4
5	129	12-5030R48	5.603	48	6	142.3	1219.2	152.4
6	155	12-6030R48	6.635	48	6	168.5	1219.2	152.4
60" Radius								
4	103	12-4030R60	4.550	60	6	115.6	1524.0	152.4
5	129	12-5030R60	5.603	60	6	142.3	1524.0	152.4
6	155	12-6030R60	6.635	60	6	168.5	1524.0	152.4
72" Radius								
4	103	12-4030R72	4.550	72	6	115.6	1828.8	152.4
5	129	12-5030R72	5.603	72	6	142.3	1828.8	152.4
6	155	12-6030R72	6.635	72	6	168.5	1828.8	152.4

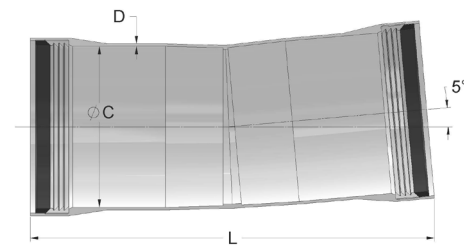
IPS Heavy Wall

IPS HW Double Bell Coupling



Size		Part Number	ØC	D	L	ØC	D	L
(in)	(mm)		(in)			(mm)		
4	103	12-4010	4.590	0.095	10.250	116.6	2.4	260.4
5	129	12-5010	5.643	0.115	10.250	143.3	2.9	260.4
6	155	12-6010	6.675	0.115	10.250	169.5	2.9	260.4

IPS HW 5° Double Bell Coupling



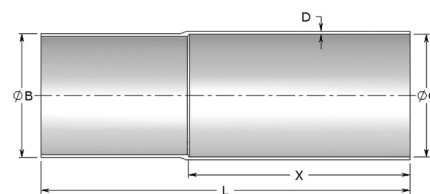
Size		Part Number	ØC	D	L	ØC	D	L
(in)	(mm)		(in)			(mm)		
4	103	12-4011	4.590	0.095	10.5	116.6	2.4	266.7
5	129	12-5011	5.643	0.115	10.6	143.3	2.9	269.2
6	155	12-6011	6.675	0.115	10.7	169.5	2.9	271.8

IPS HW Sleeve (Repair)



Size		Part Number	ØC	D	L	ØC	D	L
(in)	(mm)		(in)			(mm)		
4	103	12-4016	4.590	0.095	12	116.6	2.4	304.8
5	129	12-5016	5.643	0.115	12	143.3	2.9	304.8
6	155	12-6016	6.675	0.115	12	169.5	2.9	304.8

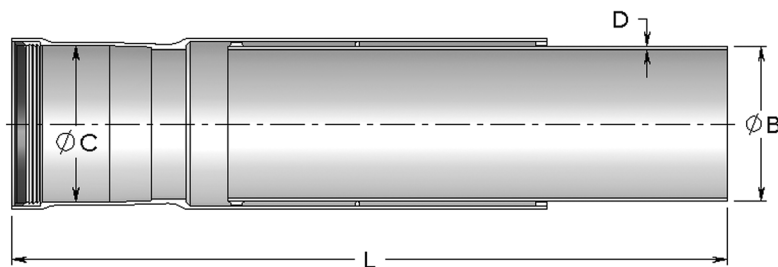
IPS HW Single Expansion Joint



Size		Part Number	ØB	ØC	D	L	X	ØB	ØC	D	L	X
(in)	(mm)		(in)					(mm)				
4	103	12-4012	4.550	4.590	0.095	20	12	115.6	116.6	2.4	508.0	304.8
5	129	12-5012	5.603	5.643	0.115	20	12	142.3	143.3	2.9	508.0	304.8
6	155	12-6012	6.635	6.675	0.115	20	12	168.5	169.5	2.9	508.0	304.8

Note: Fitting is non-watertight.

IPS HW O-Ring Expansion Joint



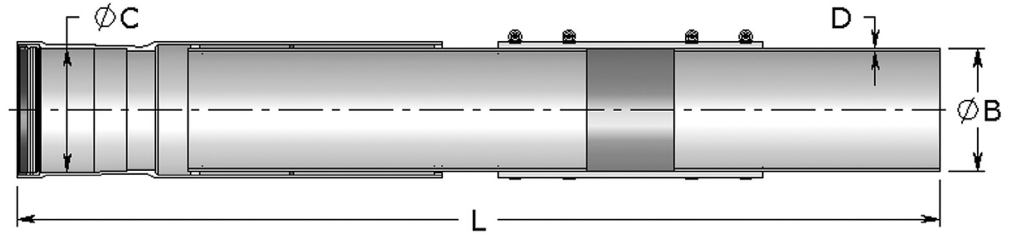
Size		Part Number	ØB	ØC	D	L (min)	L (max)	ØB	ØC	D	L (min)	L (max)
(in)	(mm)		(in)					(mm)				
4	103	12-4017	4.550	4.590	0.095	24	36	115.6	116.6	2.4	609.6	914.4
5	129	12-5017	5.603	5.643	0.115	24	36	142.3	143.3	2.9	609.6	914.4
6	155	12-6017	6.635	6.675	0.115	24	36	168.5	169.5	2.9	609.6	914.4

IPS HW Double O-Ring Expansion Joint



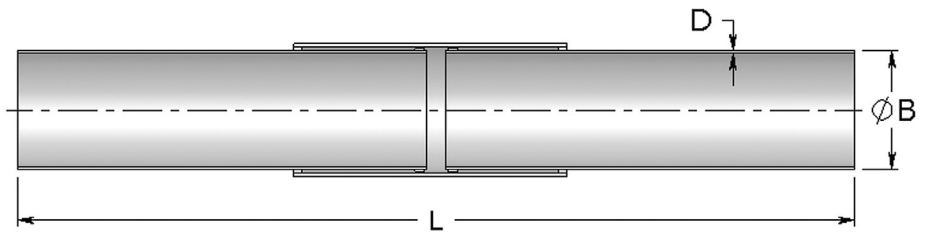
Size		Part Number	ØB	ØC	D	L (min)	L (max)	ØB	ØC	D	L (min)	L (max)
(in)	(mm)		(in)					(mm)				
4	103	12-4067	4.550	4.590	0.095	48	72	115.6	116.6	2.4	1,219.2	1,828.8
5	129	12-5067	5.603	5.643	0.115	48	72	142.3	143.3	2.9	1,219.2	1,828.8
6	155	12-6067	6.635	6.675	0.115	48	72	168.5	169.5	2.9	1,219.2	1,828.8

IPS HW O-Ring Expansion/Deflection Joint



Size		Part Number	ØB	ØC	D	L (min)	L (max)	ØB	ØC	D	L (min)	L (max)
(in)	(mm)		(in)					(mm)				
4	103	12-4057	4.550	4.590	0.095	40	52	115.6	116.6	2.4	1,016.0	1,320.8
5	129	12-5057	5.603	5.643	0.115	40	52	142.3	143.3	2.9	1,016.0	1,320.8
6	155	12-6057	6.635	6.675	0.115	40	52	168.5	169.5	2.9	1,016.0	1,320.8

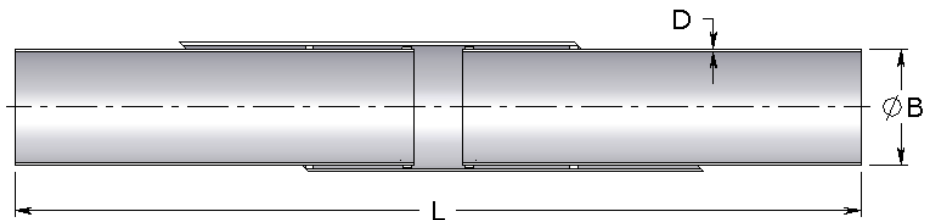
IPS HW Wobble (for up to 3° Curvature)



Size		Part Number	ØB	D	L (min)	L (max)	ØB	D	L (min)	L (max)
(in)	(mm)		(in)				(mm)			
4	103	12-4013	4.550	0.095	36	46	115.6	2.4	914.4	1,168.4
5	129	12-5013	5.603	0.115	36	46	142.3	2.9	914.4	1,168.4
6	155	12-6013	6.635	0.115	36	46	168.5	2.9	914.4	1,168.4

Note: Fitting is non-watertight.

IPS HW Skew Wobble (for up to 7.5° Curvature)

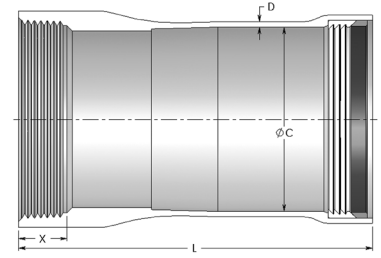


Size		Part Number	ØB	D	L (min)	L (max)	ØB	D	L (min)	L (max)
(in)	(mm)		(in)				(mm)			
4	103	12-4014	4.550	0.095	48	56	115.6	2.4	1219.2	1,422.4
5	129	12-5014	5.603	0.115	48	56	142.3	2.9	1219.2	1,422.4
6	155	12-6014	6.635	0.115	48	56	168.5	2.9	1219.2	1,422.4

Note: Fitting is non-watertight.

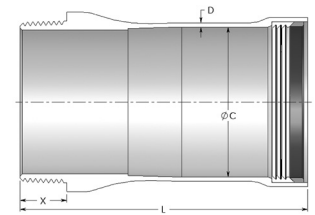
IPS Heavy Wall

IPS HW NPT Female Threaded Adapter



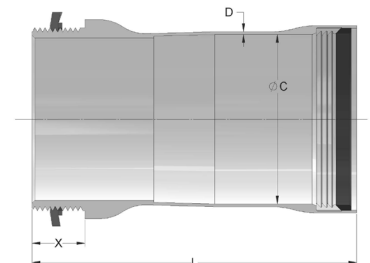
Size		Part Number	ØC	D	L	X	ØC	D	L	X
(in)	(mm)		(in)				(mm)			
4	103	12-4044	4.590	0.095	8	1.094	116.6	2.4	203.2	27.8
5	129	12-5044	5.643	0.115	8	1.187	143.3	2.9	203.2	30.1
6	155	12-6044	6.675	0.115	8	1.208	169.5	2.9	203.2	30.7

IPS HW NPT Male Threaded Adapter



Size		Part Number	ØC	D	L	X	ØC	D	L	X
(in)	(mm)		(in)				(mm)			
4	103	12-4027	4.590	0.095	8	1.300	116.6	2.4	203.2	33.0
5	129	12-5027	5.643	0.115	8	1.406	143.3	2.9	203.2	35.7
6	155	12-6027	6.675	0.115	8	1.513	169.5	2.9	203.2	38.4

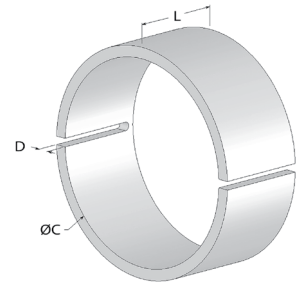
IPS HW Box Connector



Size		Part Number	ØC	D	L	X	ØC	D	L	X
(in)	(mm)		(in)				(mm)			
4	103	12-4047	4.590	0.095	8	1.300	116.6	2.4	203.2	33.0
5	129	12-5047	5.643	0.115	8	1.406	143.3	2.9	203.2	35.7
6	155	12-6047	6.675	0.115	8	1.513	169.5	2.9	203.2	38.4

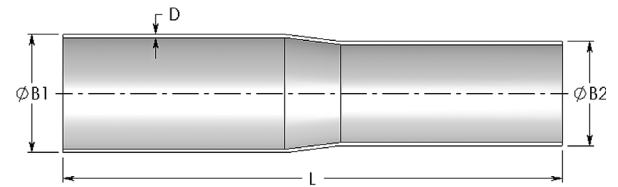
IPS Heavy Wall

IPS HW Split Stop Ring



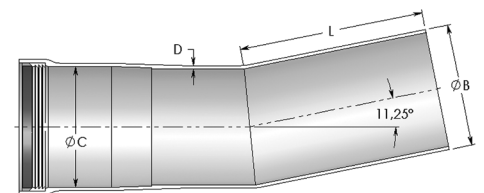
Size		Part Number	ØC	D	L	ØC	D	L
(in)	(mm)		(in)			(mm)		
4	103	12-4064	4.590	0.185	2	116.6	4.7	50.8
5	129	12-5064	5.643	0.185	2	143.3	4.7	50.8
6	155	12-6064	6.675	0.185	2	169.5	4.7	50.8

IPS HW Reducer



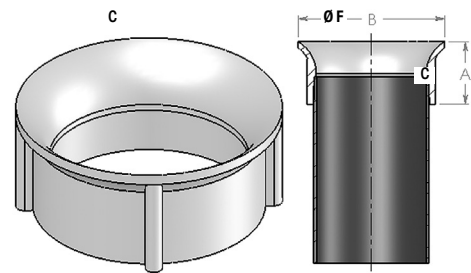
Size		Part Number	ØB1	ØB2	D	L	ØB1	ØB2	D	L
(in)	(mm)		(in)				(mm)			
4	103	12-4029	4.550	3.550	0.095	18	115.6	90.2	2.4	457.2
5	129	12-5029	5.603	4.550	0.115	18	142.3	115.6	2.9	457.2
6	155	12-6029	6.635	5.603	0.115	18	168.5	142.3	2.9	457.2

IPS HW 11.25° Fitting



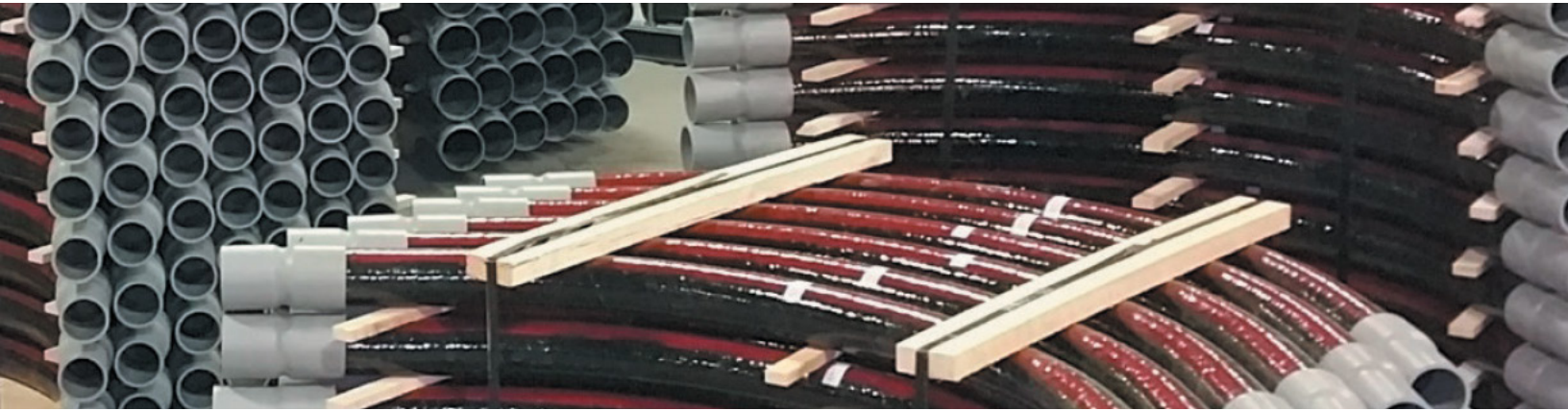
Size		Part Number	ØB	ØC	D	L	ØB	ØC	D	L
(in)	(mm)		(in)				(mm)			
4	103	12-4035	4.550	4.590	0.095	7	115.6	116.6	2.4	177.8
5	129	12-5035	5.603	5.643	0.115	7	142.3	143.3	2.9	177.8
6	155	12-6035	6.635	6.675	0.115	7	168.5	169.5	2.9	177.8

IPS HW Radius Bell End



Size		Part Number	C	Ø F	C	Ø F
(in)	(mm)		(in)		(mm)	
4	103	12-4018	2.2	5.4	55.9	137.2
5	129	12-5018	2.2	6.4	55.9	162.6
6	155	12-6018	2.4	7.4	61.0	188.0

Fiberglass FRE® Elbows



Why Use Fiberglass FRE® Elbows?

No Burn-Through/Low Coefficient of Friction

Epoxy fiberglass elbows are low friction and eliminate burn-through on the bend. With our unique glass to resin ratio, our fiberglass has the lowest coefficient of friction of any material currently available on the market. This means that electrical cables are easier to pull through, resulting in labor saving, quicker installation and a reduced number of costly manholes.

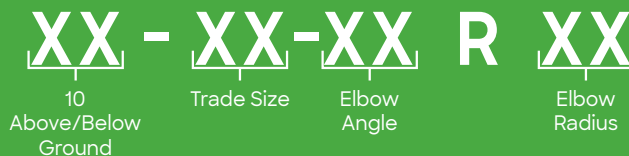
Lightweight

Lighter than industry comparable solutions/materials.

Corrosion Resistant

Our 100% non-metallic epoxy fiberglass is not impacted by the effects of water, salt water or most other chemicals.

How to Select an Elbow Part



Iron Pipe Size (IPS)	Use	Trade Size (in)	Use	Elbow Angles	Use	Elbow Radius (in)	Use
SW Epoxy System	10	¾	75	11 ¼	35	*12	12
		1	10				
		1 ¼	12	22 ½	34	**24	24
		1 ½	15				
		2	20	30	33	36	36
		2 ½	25	45	32	48	48
HW Epoxy System	12	3	30				
		-	35	60	31	60	60
		4	40				
		5	50	90	30	72	72
		6	60				
		8	80	90	30	***72	72

Custom degree, radii, and configurations are available. Please call your local representative.

*Not applicable for trade sizes 3" and above.

**Not applicable for trade sizes 5" and above.

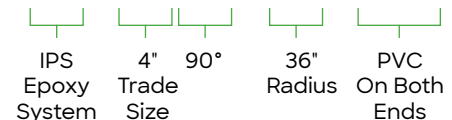
Example

4° IPS (Iron Pipe Size)

Below Ground 90° X 36"

Radius With 2 PVC Deep Swedge Couplings

10 - 40 30 R 36 - PVC

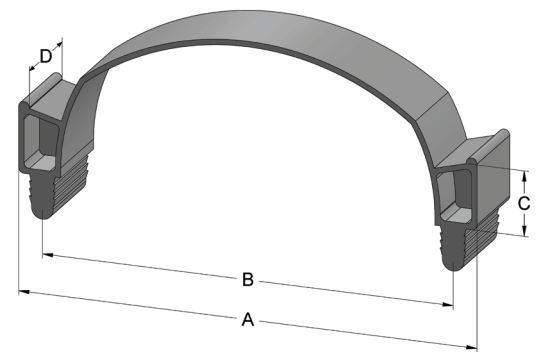
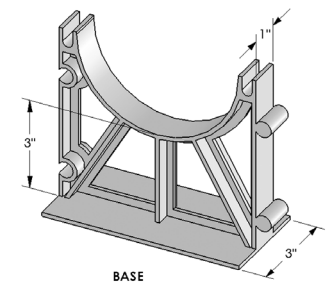
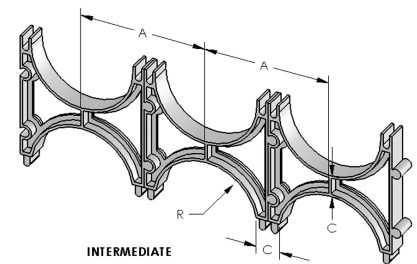


RS = Red Stripe
S=Stub Out

End Type	Use
Deep socket PVC coupling on each end	PVC
1 PVC end, 1 factory plain end	1PVC
1 PVC Cplg, 1 Female Threaded Adapter	1PVC1FTHR
1 PVC Cplg, 1 Stub Out	PS
1 PVC Cplg, 1 Stub out Red Stripe	PSRS
2 PVC Cplgs Red Stripe	RSPVC
DBII Coupling on each end	DB2

Base & Intermediate Spacer

Conduit Size		Base	Intermediate	C	R	A	C	R	A
(in)	(mm)	Spacer Number	Spacer Number	(in)			(mm)		
2	53	45-0131	45-0137	1 ½	1.2	4.0	38.1	30.5	101.6
3	78	45-0138	45-0139	1 ½	1.8	5.1	38.1	45.7	129.5
4	103	45-0115	45-0124	1 ½	2.3	6.1	38.1	58.4	154.9
5	129	45-0143	45-0136	1 ½	2.9	7.3	38.1	73.7	185.4
6	155	45-0144	45-0145	1 ½	3.3	8.2	38.1	83.8	208.3
8	203	45-0119	45-0146	1 ½	4.3	10.2	38.1	109.2	259.1
2	53	45-0109	45-0110	2	1.2	4.5	50.8	30.5	114.3
3	78	45-0104	45-0140	2	1.8	5.6	50.8	45.7	142.2
4	103	45-0103	45-0108	2	2.3	6.6	50.8	58.4	167.6
5	129	45-0116	45-0125	2	2.9	7.9	50.8	73.7	200.7
6	155	45-0117	45-0127	2	3.4	8.7	50.8	83.8	221.0
8	203	45-0128	45-0118	2	4.3	10.7	50.8	109.2	271.8
2	53	45-0123	45-0111	3	1.2	5.5	76.2	30.5	139.7
3	78	45-0121	45-0122	3	1.8	6.6	76.2	45.7	167.6
4	103	45-0105	45-0112	3	2.3	7.6	76.2	58.4	193.0
5	129	45-0101	45-0134	3	2.9	8.9	76.2	73.7	226.1
6	155	45-0135	45-0147	3	3.4	9.8	76.2	83.8	248.9



Cap Lock

Conduit Size		Base	A	B	C	D	A	B	C	D
(in)	(mm)	Spacer Number	(in)				(mm)			
2	53	45-0133	4.18	3.625	.750	1.0	106.2	92.1	19.1	25.4
3	78	45-0130	5.30	4.75	.750	1.0	134.6	120.7	19.1	25.4
4	103	45-0126	6.00	5.625	1.25	1.0	152.4	142.9	31.8	25.4
5	129	45-0129	7.43	6.875	1.25	1.0	188.7	174.6	31.8	25.4
6	155	45-0132	8.43	7.875	1.25	1.0	214.1	200.0	31.8	25.4

Splice & Repair Kit



Size	Part Number	Conduit Size		Length of Cut Mat		Splices Per Kit
		(in)	(mm)	(in)	(cm)	
All	20-0174	2	53	10	25	14
		3	78	12	31	11
		4	103	15	38	9
		5	129	19	48	7
		6	155	23	59	6

Adhesive Kit

Size	Part Number	Description	Mechanical Properties (20-0161)	
All	20-0161	Epoxy Kit	Shore D Hardness	81
All	20-0163	Dual Cartridge (Fast Cure)	Tensile Strength	3060 psi
All	20-0164	Dual Cartridge (Ambient Conditions)	Lap Shear Strength	252 psi
All	20-0165	Dual Cartridge Applicator	Viscosity	3700 cP
			Mix Ratio	2:1
			Color	Opaque
			Solid Content	100%

20-0165



20-0163 / 20-0164



Mechanical Properties (20-0165)	
Technology	Cyanoacrylate (Par A) / Epoxy Hybrid (Part B)
Shore D Hardness	65 to 69
Tensile Strength	1025 psi (ISO 527-3)
Viscosity	High (4,000 to 7,000LMS Part A/ 25,000 to 40,000LMS Part B)
Mix Ratio	1:1
Color	Off-white to light yellow gel
Solid Content	100%

Mechanical Properties (20-0163)		Mechanical Properties (20-0164)	
Shore D Hardness	72	Shore D Hardness	90
Tensile Strength	8000 psi	Tensile Strength	9900 psi
Lap Shear Strength	3500 psi	Lap Shear Strength	2600 psi
Viscosity	13500 cP	Viscosity	40000 cP
Mix Ratio	1:1	Mix Ratio	2:1
Color	Yellow	Color	Opaque
Solid Content	100%	Solid Content	100%

Atkore™
Allied Tube
& Conduit

Atkore™
Calconduit

Steel

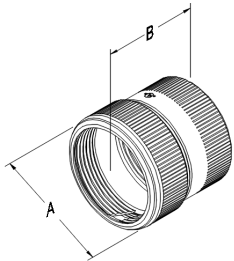


Standard Radius Steel Rigid Elbow

Super Kwik-Coupling™ Raintight

Listed to Safety Standard UL 514B

Manufactured in accordance with ANSI C22.2 No. 18.3-12



Trade Size	Metric Designator	Nominal OD (A)		Length (B)		Threads Per Inch ¹	Approximate Weight Per 100 Pieces		Standard Package
		(in)	(mm)	(in)	(mm)		(lb)	(kg)	
½	16	1.24	31.5	2.11	53.6	14	24.5	11.1	25
¾	21	1.44	36.6	2.09	53.1	14	28.5	12.9	25
1	27	1.72	43.7	2.46	62.5	11 ½	43.2	19.6	10
1 ¼	35	2.07	52.6	2.61	66.3	12 ½	58.6	26.6	5
1 ½	41	2.32	58.9	2.65	67.3	13 ½	67.0	30.4	5
2	53	2.80	71.1	2.71	68.8	14 ½	84.0	38.1	2
2 ½	63	3.43	87.1	3.90	99.1	8	175.0	79.4	2
3	78	4.06	103.1	4.02	102.1	9	211.0	95.7	1
3 ½	91	4.58	116.3	4.33	110.0	10	271.5	123.2	1
4	103	5.08	129.0	4.44	112.8	11	371.5	168.5	1
5	129	6.25	158.8	5.63	143.0	12	610.0	276.7	1

¹Minimum requirement as per UL Standard.

Super Kwik-Couple™ Elbows Available.

Trade Size ½" (16 mm) to 5" (129 mm) by special order.

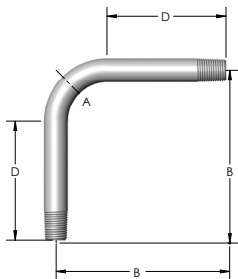
Single & Double Sided.



Galvanized Rigid Conduit (GRC) 90° Elbows

Listed to Safety Standard UL 6

Manufactured in accordance with ANSI C80.1



Trade Size	Metric Designator	Radius (A) ¹		Offset (B) ²		Straight (D) ¹		Approximate Weight Per 100 Pieces		Standard Package
		(in)	(mm)	(in)	(mm)	(in)	(mm)	(lb)	(kg)	
½	16	4	102	5 ⅞	149	1 ½	38	68	30.8	50
¾	21	4 ½	114	7	178	1 ½	38	109	49.4	50
1	27	5 ¾	146	8 ¾	222	1 ⅞	48	201	91.2	25
1 ¼	35	7 ¼	184	10 ¾	273	2	51	336	152.4	20
1 ½	41	8 ¼	210	12 ¼	311	2	51	460	208.7	15
2	53	9 ½	241	14 ½	368	2	51	729	330.7	10
2 ½	63	10 ½	267	17	432	3	76	1374	623.2	1
3	78	13	330	19 ⅞	498	3 ⅞	79	2045	927.6	1
3 ½	91	15	381	22 ¾	578	3 ¼	83	2860	1297.3	1
4	103	16	406	23 ¾	606	3 ⅞	86	3519	1596.2	1
5	129	24	610	34 ⅞	886	3 ⅞	92	6942	3148.9	1
6	155	30	762	45 ½	1156	3 ¾	95	11960	5425.1	1

¹Minimum requirement as per UL Standard.

²For information only, not a requirement as per UL Standard.

Sizes 2 ½" (63 mm) and larger shipped in palletized bulk cartons.

Also available in the following Degrees (60°, 45°, 30°, 22 ½°, 15° & 11 ¼°).



Standard Radius Steel Rigid Elbow

Galvanized Rigid Conduit (GRC) 90° Super Kwik-Couple™ Elbow

Listed to Safety Standards UL 6 and 514B

Manufactured in accordance with ANSI C80.1 and C22.2 No. 18.3-12

Trade Size	Metric Designator	Radius (A) ¹		Offset (B) ²		Straight (D) ²		Straight (E) ²		Approximate Weight Per 100 Pieces	
		(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(lb)	(kg)
1/2	16	4	102	5 7/8	149	1 1/2	38	2 7/8	73	93	42.0
3/4	21	4 1/2	114	7	178	1 1/2	38	2 1/2	64	138	62.4
1	27	5 3/4	146	8 3/4	222	1 7/8	48	3 1/2	89	244	110.8
1 1/4	35	7 1/4	184	10 3/4	273	2	51	3 5/8	92	395	179.0
1 1/2	41	8 1/4	210	12 1/4	311	2	51	3 5/8	92	527	239.0
2	53	9 1/2	241	14 1/2	368	2	51	3 5/8	92	813	368.8
2 1/2	63	10 1/2	267	17	432	3	76	4 1/2	114	1549	702.6
3	78	13	330	19 5/8	498	3 1/8	79	4 3/4	121	2256	1023.3
3 1/2	91	15	381	22 3/4	578	3 1/4	83	5 3/8	137	3132	1420.4
4	103	16	406	23 7/8	606	3 5/8	86	5 3/8	137	3891	1764.7
5	129	24	610	34 7/8	886	3 5/8	92	6	152	7552	3425.5

¹Minimum requirement as per UL Standard.

²For information only, not a requirement as per UL Standard.

Shipped in palletized bulk cartons.

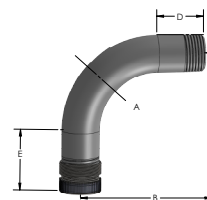
Also available in the following Degrees (60°, 45°, 30°, 22 1/2°, 15° & 11 1/4°).

Also available in dry location.

Super Kwik-Couple™ Elbows Available.

Trade Size 1/2" (16 mm) to 5" (129 mm) by special order.

Single & Double Sided.



Galvanized Rigid Conduit (GRC) 45° Elbows

Listed to Safety Standard UL 6

Manufactured in accordance with ANSI C80.1

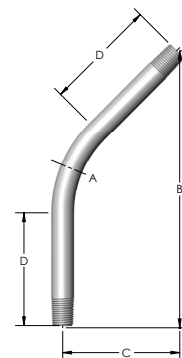
Trade Size	Metric Designator	Radius (A) ¹		Offset (B) ²		Offset (C) ²		Straight (D) ¹		Approximate Weight Per 100 Pieces		Standard Package
		(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(lb)	(kg)	
1/2	16	4	102	7	178	2 7/8	73	1 1/2	38	55	24.9	50
3/4	21	4 1/2	114	7 7/8	200	3 1/4	83	1 1/2	38	82	37.2	50
1	27	5 3/4	146	9 5/8	244	4	102	1 7/8	48	148	67.1	25
1 1/4	35	7 1/4	184	11 1/8	283	4 5/8	117	2	51	232	105.2	20
1 1/2	41	8 1/4	210	13 1/8	333	5 3/8	137	2	51	329	149.2	15
2	53	9 1/2	241	15 3/4	400	6 1/2	165	2	51	525	238.1	10
2 1/2	63	10 1/2	267	17 1/2	445	7 1/4	184	3	76	932	422.8	1
3	78	13	330	21 7/8	556	9	229	3 1/8	79	1515	687.2	1
3 1/2	91	15	381	26 1/8	664	10 7/8	276	3 1/4	83	2200	997.9	1
4	103	16	406	26 1/4	667	10 7/8	276	3 3/8	86	2575	1168.0	1
5	129	24	610	35 7/8	911	14 7/8	378	3 5/8	92	4783	2169.6	1
6	155	30	762	43 3/8	1102	18	457	3 3/4	95	7590	3442.8	1

¹Minimum requirement as per UL Standard.

²For information only, not a requirement as per UL Standard.

Sizes 2 1/2" (63 mm) and larger shipped in palletized bulk cartons.

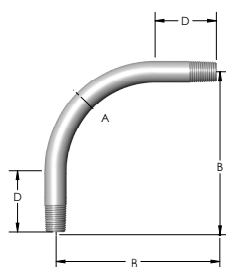
Also available in the following Degrees (60°, 45°, 30°, 22 1/2°, 15° & 11 1/4°).



Large Radius Steel Rigid Elbow

Galvanized Rigid Conduit (GRC) Large Radius 90° Elbows

Listed to Safety Standard UL 6



Trade Size	Metric Designator	Radius (A) ¹		Offset (B) ²		Straight (D) ¹		Approximate Weight Per 100 Pieces	
		(in)	(mm)	(in)	(mm)	(in)	(mm)	(lb)	(kg)
1	27	18	457	27 7/8	708	9 7/8	251	644	292.1
1	27	24	610	34 5/8	879	10 5/8	270	792	359.3
1	27	36	914	46 3/4	1187	10 3/4	273	1047	474.9
1 1/4	35	18	457	27 7/8	708	9 7/8	251	872	395.5
1 1/4	35	24	610	34 5/8	879	10 5/8	270	1072	486.3
1 1/4	35	30	762	41	1041	11	279	1254	568.8
1 1/4	35	36	914	46 3/4	1187	10 3/4	273	1417	642.8
1 1/4	35	48	1219	61 1/4	1556	13 1/4	337	1853	840.5
1 1/2	41	18	457	27 7/8	708	9 7/8	251	1052	477.2
1 1/2	41	24	610	34 5/8	879	10 5/8	270	1293	586.5
1 1/2	41	30	762	41	1041	11	279	1512	685.8
1 1/2	41	36	914	46 3/4	1187	10 3/4	273	1710	775.7
1 1/2	41	48	1219	61 1/4	1556	13 1/4	337	2236	1014.2
2	53	18	457	27 7/8	708	9 7/8	251	1400	635.0
2	53	24	610	30 3/8	772	6 3/8	162	1473	668.2
2	53	30	762	41	1041	11	279	2013	913.1
2	53	36	914	46 3/4	1187	10 3/4	273	2275	1031.9
2	53	48	1219	61 1/4	1556	13 1/4	337	2975	1349.5
2 1/2	63	18	457	24 3/8	619	6 3/8	162	1910	866.4
2 1/2	63	24	610	31 1/8	791	7 1/8	181	2422	1098.6
2 1/2	63	30	762	37 1/2	953	7 1/2	191	2888	1310.0
2 1/2	63	36	914	44 3/4	1137	8 3/4	222	3447	1563.6
2 1/2	63	48	1219	61 1/4	1556	13 1/4	337	4752	2155.5
3	78	18	457	24 3/8	619	6 3/8	162	2484	1126.7
3	78	24	610	33 1/8	841	9 1/8	232	3393	1539.1
3	78	30	762	38 5/8	981	8 5/8	219	3892	1765.4
3	78	36	914	46 7/8	1191	10 7/8	276	4741	2150.5
3	78	48	1219	60 1/4	1530	12 1/4	311	6058	2747.9
3 1/2	91	24	610	35 1/8	892	11 1/8	283	4400	1995.8
3 1/2	91	30	762	38 1/2	978	8 1/2	216	4693	2128.7
3 1/2	91	36	914	47	1194	11	279	5757	2611.4
3 1/2	91	48	1219	60 1/4	1530	12 1/4	311	7333	3326.2
4	103	24	610	35 1/8	892	11 1/8	283	5150	2336.0
4	103	30	762	39 3/8	1000	9 3/8	238	5644	2560.1
4	103	36	914	47	1194	11	279	6738	3056.4
4	103	48	1219	60 1/4	1530	12 1/4	311	8583	3893.2
4	103	60	1524	75 7/8	1927	15 7/8	403	10815	4905.7

¹Minimum requirement as per UL Standard.

²For information only, not a requirement as per UL Standard.

Shipped in palletized bulk cartons.

Also available in the following Degrees (60°, 30°, 22 1/2°, 15° & 11 1/4°).

Chart continued on next page



Large Radius Steel Rigid Elbow

Galvanized Rigid Conduit (GRC) Large Radius 90° Elbows

Listed to Safety Standard UL 6

Manufactured in accordance with ANSI C80.1

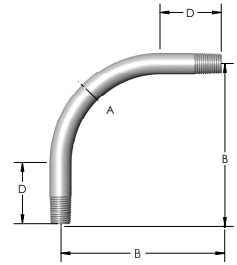
Trade Size	Metric Designator	Radius (A) ¹		Offset (B) ²		Straight (D) ¹		Approximate Weight Per 100 Pieces	
		(in)	(mm)	(in)	(mm)	(in)	(mm)	(lb)	(kg)
5	129	36	914	50 ¾	1289	14 ¾	375	10033	4551.0
5	129	48	1219	65 ¼	1657	17 ¼	438	12833	5821.0
5	129	60	1524	75 ⅞	1927	15 ⅞	403	14700	6667.9
6	155	36	914	50 ¾	1289	14 ¾	375	13187	5981.6
6	155	48	1219	65 ¼	1657	17 ¼	438	16867	7650.9
6	155	60	1524	75 ⅞	1927	15 ⅞	403	19320	8763.6

¹Minimum requirement as per UL Standard.

²For information only, not a requirement as per UL Standard.

Shipped in palletized bulk cartons.

Also available in the following Degrees (60°, 45°, 30°, 22 ½°, 15° & 11 ¼°).



Galvanized Rigid Conduit (GRC) Large Radius 45° Elbows

Listed to Safety Standard UL 6

Manufactured in accordance with ANSI C80.1

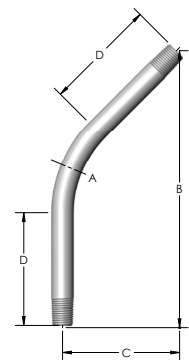
Trade Size	Metric Designator	Radius (A) ¹		Offset (B) ²		Offset (C) ²		Straight (D) ¹		Approximate Weight Per 100 Pieces	
		(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(lb)	(kg)
1	27	18	457	30	762	12 ½	318	11	279	420	189
1	27	24	610	36	914	15	381	11	279	640	288
1	27	36	914	44	1118	18 ½	470	11	279	620	279
1 ¼	35	18	457	30	762	12 ½	318	11	279	610	275
1 ¼	35	24	610	36	914	15	381	11	279	800	360
1 ¼	35	30	762	40	1016	17	432	11	279	900	405
1 ¼	35	36	914	44	1118	18 ½	470	11	279	900	405
1 ¼	35	48	1219	54 ½	1384	22 ½	572	12	305	1130	509
1 ½	41	18	457	30	762	12 ½	318	11	279	800	360
1 ½	41	24	610	36	914	15	381	11	279	920	414
1 ½	41	30	762	40	1016	17	432	11	279	960	432
1 ½	41	36	914	44	1118	18 ½	470	11	279	1100	495
1 ½	41	48	1219	54 ½	1384	22 ½	572	12	305	1360	612
2	53	18	457	30	762	12 ½	318	11	279	1000	450
2	53	24	610	36	914	15	381	11	279	1200	540
2	53	30	762	40	1016	17	432	11	279	1400	630
2	53	36	914	44	1118	18 ½	470	11	279	1400	630
2	53	48	1219	54 ½	1384	22 ½	572	12	305	1810	815
2 ½	63	18	457	30	762	12 ½	318	11	279	1500	675
2 ½	63	24	610	36	914	15	381	11	279	1500	675
2 ½	63	30	762	40	1016	17	432	11	279	2200	990
2 ½	63	36	914	44	1118	18 ½	470	11	279	2200	990
2 ½	63	48	1219	54 ½	1384	22 ½	572	12	305	2890	1301
3	78	13	330	21 ⅞	556	9	229	3 ⅞	79	1515	687.2
3 ½	91	15	381	26 ⅞	664	10 ⅞	276	3 ¼	83	2200	997.9
4	103	16	406	26 ¼	667	10 ⅞	276	3 ⅞	86	2575	1168.0
5	129	24	610	35 ⅞	911	14 ⅞	378	3 ⅞	92	4783	2169.6
6	155	30	762	43 ⅞	1102	18	457	3 ¾	95	7590	3442.8

¹Minimum requirement as per UL Standard.

²For information only, not a requirement as per UL Standard.

Sizes 2 ½" (63 mm) and larger shipped in palletized bulk cartons.

Also available in the following Degrees (90°, 60°, 30°, 22 ½°, 15° & 11 ¼°).



[illegible]

Notes

[illegible]

[illegible]



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