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TOOLS & EQUIPMENT

CATALOG

HDPE/PVC & MICRO DUCT

EQUIPMENT, PARTS & SUPPLIES



THE RIGHT PRODUCTS, THE RIGHT SERVICE

The Biggest Range of Wire Pulling Accessories and Drilling Fluid Additives

Are you planning a building project and looking for the most amazing prices on tools and accessories? Build It Right, Inc. is your one stop shop that provides the biggest range of products for drilling, cabling, and wire pulling in the U.S. Offering the highest quality products backed by our years of knowledge and expertise in the industry, you can easily build with confidence and convenience with everything you need at your fingertips.

Offering the Right Accessories at the Right Price for Any Building Project

Build It Right, Inc. was founded on the needs of our customers to find the most useful and appropriate building products and accessories at the most amazing prices. Our focus is on the customer experience, which is why we deliver exceptional customer service through the most knowledgeable advice and high quality products. Whether you need wire pulling tools, Cetco drilling fluids, drilling polymer products and more, our team is here to help you find exactly what you need at the lowest price.

Are You Looking for Directional Drilling Tools or Horizontal Directional Drilling Parts?

At Build It Right, we stock the most popular brands that deliver quality no matter what you need to build. Have your Cetco and Bentonite drilling fluids shipped right to your door so that you can build with confidence. You can also order your Cetco and Bentonite drilling fluids by the pallet! Install ducts with efficiency with duct installation range of products, or work quickly when installing cables with our easy to use cable roller range that delivers affordability and speed no matter how large your project is.

Shop for Cable Puller Products and Accessories Today!

Rather than blowing your building project budget, shop for the most affordable high quality products and accessories with Build It Right, Inc. Offering nationwide shipping and the most competitive prices in the industry, our goal is to ensure that your project is a success. The right products. The right service. Shop Online today or call our team at 1-888-206-3044 to find out more.





HDPE/PVC & MICRO DUCT EQUIPMENT Parts & Supplies

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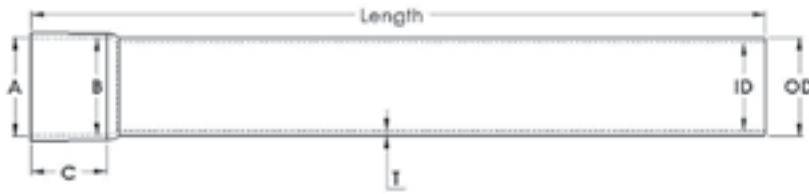
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SCHEDULE 40 & 80 RIGID PVC CONDUIT



Trade Size	Part No.		Dimensions (in)		Crate Quantity (ft)	
	10 Foot	20 Foot	Average O.D.	Minimum Wall Thickness	10 Foot	20 Foot
Schedule 40						
1/2"	4005010	4005020	0.840"	0.109"	6,000	12,000
3/4"	4007510	4007520	1.050"	0.113"	4,400	8,800
1"	4010010	4010020	1.315"	0.133"	3,600	7,200
1-1/4"	4012510	4012520	1.660"	0.140"	3,300	6,600
1-1/2"	4015010	4015020	1.900"	0.145"	2,250	4,500
2"	4020010	4020020	2.375"	0.154"	1,400	2,800
2-1/2"	4025010	4025020	2.875"	0.203"	930	1,860
3"	4030010	4030020	3.500"	0.216"	880	1,760
3-1/2"	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
Schedule 80						
1/2"	8005010	8005020	0.840"	0.147"	6,000	12,000
3/4"	8007510	8007520	1.050"	0.154"	4,400	8,800
1"	8010010	8010020	1.315"	0.179"	3,600	7,200
1-1/4"	8012510	8012520	1.660"	0.191"	3,300	6,600
1-1/2"	8015010	8015020	1.900"	0.200"	2,250	4,500
2"	8020010	8020020	2.375"	0.218"	1,400	2,800
2-1/2"	8025010	8025020	2.875"	0.276"	930	1,860
3"	8030010	8030020	3.500"	0.300"	880	1,760
3-1/2"	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.



Rated for use with 90 degree C wiring
Sunlight resistant per UL 651
Conforms to UL 651 and NEMA TC 2



UTILITY DUCT - RIGID PVC CONDUIT

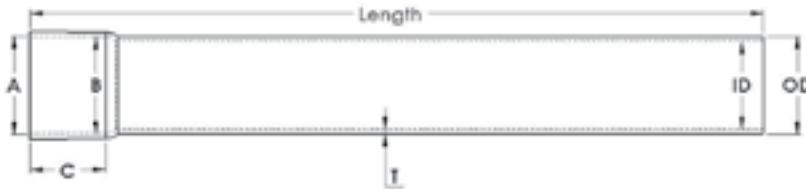


Trade Size	Part No.	Dimensions (in)		Crate Quantity (ft)
	20 Foot	Average O.D.	Minimum Wall Thickness	
DB-60				
2"	6020020	2.375"	0.060"	2,800
3"	6030020	3.500"	0.092"	1,760
4"	6040020	4.500"	0.121"	1,140
5"	6050020	5.563"	0.152"	760
6"	6060020	6.625"	0.182"	520
DB-100				
3"	1030020	3.500"	0.112"	1,760
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
1-1/2"	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"	1250020	6.625"	0.227"	520

If you don't see the product you require, please call for availability
 Product availability varies by region and minimum run quantities may apply
 Conforms to NEMA TC 6 & 8 and ASTM F 512



UTILITY/C-DUCT-RIDIG PVC CONDUIT



Trade Size	Part No.	Dimensions (in)		Crate Quantity (ft)	
		20 Foot	Average O.D.		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

Trade Size	Part No.	Dimensions (in)		Crate Quantity (ft)	
		20 Foot	Average O.D.		Minimum Wall Thickness
EB-20					
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

SCHEDULE 40 STANDARD RADIUS ELBOWS



SCHEDULE 40-STANDARD RADIUS ELBOWS

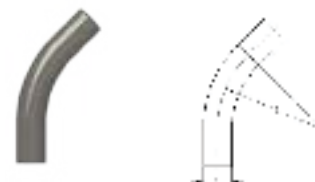
Trade Size	Part No.		Dimensions (in)		Package Quantity
	Plain End	Bell End	Average Outside Diameter, D	Radius R	
90° Bend					
1/2"	F4005090P	F4005090	0.840"	4.00"	50
3/4"	F4007590P	F4007590	1.050"	4.50"	25
1"	F4010090P	F4010090	1.315"	5.75"	25
1-1/4"	F4012590P	F4012590	1.660"	7.25"	25
1-1/2"	F4015090P	F4015090	1.900"	8.25"	25
2"	F4020090P	F4020090	2.375"	9.50"	25
2-1/2"	F4025090P	F4025090	2.875"	10.50"	50
3"	F4030090P	F4030090	3.500"	13.00"	50
3-1/2"	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° Bend					
1/2"	F4005045P	F4005045	0.840"	4.00"	50
3/4"	F4007545P	F4007545	1.050"	4.50"	25
1"	F4010045P	F4010045	1.315"	5.75"	25
1-1/4"	F4012545P	F4012545	1.660"	7.25"	25
1-1/2"	F4015045P	F4015045	1.900"	8.25"	25
2"	F4020045P	F4020045	2.375"	9.50"	25
2-1/2"	F4025045P	F4025045	2.875"	10.50"	50
3"	F4030045P	F4030045	3.500"	13.00"	50
3-1/2"	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



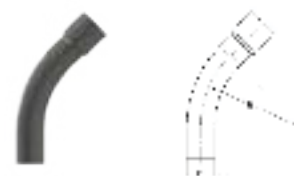
90° Plain End



90° Bell End



45° Plain End



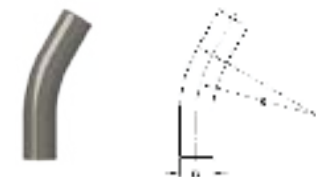
45° Bell End

Product availability varies by region and minimum run quantities may apply
Listed to UL 651

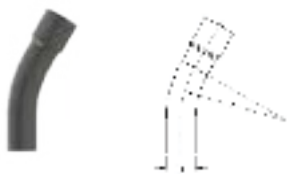




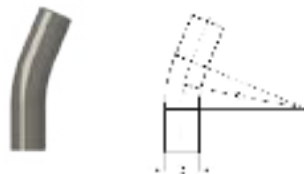
SCHEDULE 40-STANDARD RADIUS ELBOWS



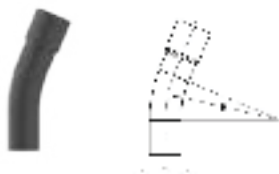
30° Plain End



30° Bell End



22-1/2° Plain End



22-1/2° Bell End

Trade Size	Part No.		Dimensions (in)		Package Quantity
	Plain End	Bell End	Average Outside Diameter, D	Radius R	
30° Bend					
3/4"	F4007530P	F4007530	1.050"	4.50"	25
1"	F4010030P	F4010030	1.315"	5.75"	25
1-1/4"	F4012530P	F4012530	1.660"	7.25"	25
1-1/2"	F4015030P	F4015030	1.900"	8.25"	25
2"	F4020030P	F4020030	2.375"	9.50"	25
2-1/2"	F4025030P	F4025030	2.875"	10.50"	20
3"	F4030030P	F4030030	3.500"	13.00"	50
3-1/2"	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
22-1/2° Bend					
3/4"	F4007522P	F4007522	1.050	4.50"	25
1"	F4010022P	F4010022	1.315	5.75"	25
1-1/4"	F4012522P	F4012522	1.660	7.25"	25
1-1/2"	F4015022P	F4015022	1.900	8.25"	25
2"	F4020022P	F4020022	2.375	9.50"	25
2-1/2"	F4025022P	F4025022	2.875	10.50"	20
3"	F4030022P	F4030022	3.500	13.00"	50
3-1/2"	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

Product availability varies by region and minimum run quantities may apply
Listed to UL 651





SCHEDULE 40-STANDARD RADIUS ELBOWS

Trade Size	Part No.		Dimensions (in)		Package Quantity
	Plain End	Bell End	Average Outside Diameter, D	Radius R	
11-1/4° Bend					
3/4"	F4007511P	F4007511	1.050"	4.50"	25
1"	F4010011P	F4010011	1.315"	5.75"	25
1-1/4"	F4012511P	F4012511	1.660"	7.25"	25
1-1/2"	F4015011P	F4015011	1.900"	8.25"	25
2"	F4020011P	F4020011	2.375"	9.50"	25
2-1/2"	F4025011P	F4025011	2.875"	10.50"	20
3"	F4030011P	F4030011	3.500"	13.00"	50
3-1/2"	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



11-1/4° Plain End



11-1/4° Bell End

Product availability varies by region and minimum run quantities may apply
Listed to UL 651

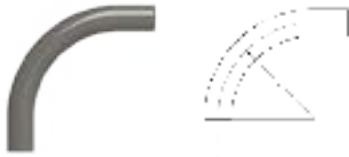


Atkore™

Heritage Plastics



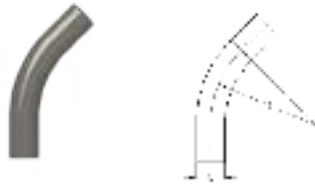
SCHEDULE 80-STANDARD RADIUS ELBOWS



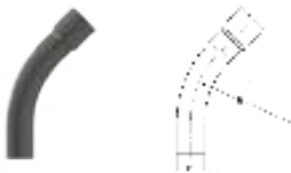
90° Plain End



90° Bell End



45° Plain End



45° Bell End

Trade Size	Part No.		Dimensions (in)		Package Quantity
	Plain End	Bell End	Average Outside Diameter, D	Radius R	
90° Bend					
1/2"	F8005090P	F8005090	0.840"	4.00"	50
3/4"	F8007590P	F8007590	1.050"	4.50"	25
1"	F8010090P	F8010090	1.315"	5.75"	25
1-1/4"	F8012590P	F8012590	1.660"	7.25"	25
1-1/2"	F8015090P	F8015090	1.900"	8.25"	25
2"	F8020090P	F8020090	2.375"	9.50"	25
2-1/2"	F8025090P	F8025090	2.875"	10.50"	20
3"	F8030090P	F8030090	3.500"	13.00"	50
3-1/2"	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° Bend					
1/2"	F8005045P	F8005045	0.840"	4.00"	50
3/4"	F8007545P	F8007545	1.050	4.50"	25
1"	F8010045P	F8010045	1.315	5.75"	25
1-1/4"	F8012545P	F8012545	1.660	7.25"	25
1-1/2"	F8015045P	F8015045	1.900	8.25"	25
2"	F8020045P	F8020045	2.375	9.50"	25
2-1/2"	F8025045P	F8025045	2.875	10.50"	20
3"	F8030045P	F8030045	3.500	13.00"	50
3-1/2"	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

Product availability varies by region and minimum run quantities may apply
Listed to UL 651

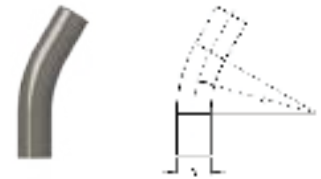


SCHEDULE 80 STANDARD RADIUS ELBOWS

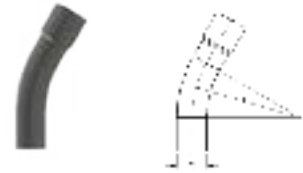


SCHEDULE 80-STANDARD RADIUS ELBOWS

Trade Size	Part No.		Dimensions (in)		Package Quantity
	Plain End	Bell End	Average Outside Diameter, D	Radius R	
30° Bend					
3/4"	F8007530P	F8007530	1.050"	4.50"	25
1"	F8010030P	F8010030	1.315"	5.75"	25
1-1/4"	F8012530P	F8012530	1.660"	7.25"	25
1-1/2"	F8015030P	F8015030	1.900"	8.25"	25
2"	F8020030P	F8020030	2.375"	9.50"	25
2-1/2"	F8025030P	F8025030	2.875"	10.50"	20
3"	F8030030P	F8030030	3.500"	13.00"	50
3-1/2"	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
22-1/2° Bend					
3/4"	F8007522P	F8007522	1.050	4.50"	25
1"	F8010022P	F8010022	1.315	5.75"	25
1-1/4"	F8012522P	F8012522	1.660	7.25"	25
1-1/2"	F8015022P	F8015022	1.900	8.25"	25
2"	F8020022P	F8020022	2.375	9.50"	25
2-1/2"	F8025022P	F8025022	2.875	10.50"	20
3"	F8030022P	F8030022	3.500	13.00"	50
3-1/2"	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



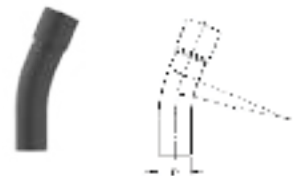
30° Plain End



30° Bell End



22-1/2° Plain End



22-1/2° Bell End

Product availability varies by region and minimum run quantities may apply
Listed to UL 651





SCHEDULE 80-STANDARD RADIUS ELBOWS



11-1/4° Plain End



11-1/4° Bell End

Trade Size	Part No.		Dimensions (in)		Package Quantity
	Plain End	Bell End	Average Outside Diameter, D	Radius R	
11-1/4° Bend					
3/4"	F8007511P	F8007511	1.050"	4.50"	25
1"	F8010011P	F8010011	1.315"	5.75"	25
1-1/4"	F8012511P	F8012511	1.660"	7.25"	25
1-1/2"	F8015011P	F8015011	1.900"	8.25"	25
2"	F8020011P	F8020011	2.375"	9.50"	25
2-1/2"	F8025011P	F8025011	2.875"	10.50"	20
3"	F8030011P	F8030011	3.500"	13.00"	50
3-1/2"	F8035011P	F8035011P	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
Listed to UL 651



Atkore™

Heritage Plastics

SCHEDULE 40 PLAIN END SPECIAL RADIUS ELBOWS



SCHEDULE 40-PLAIN END SPECIAL RADIUS ELBOWS



- Proven durability in demanding applications
- Non-corrosive and non-conductive
- Thoroughly tested to stringent quality standards
- Proudly made in the USA

Trade Size	Part No.						Package Quantity
	18" Radius	24" Radius	30" Radius	36" Radius	48" Radius	60" Radius	
90° Bend							
1"	F401009018P	F401009024P	F401009030P	F401009036P	F401009048P	F401009060P	25
1-1/4"	F401259018P	F401259024P	F401259030P	F401259036P	F401259048P	F401259060P	25
1-1/2"	F401509018P	F401509024P	F401509030P	F401509036P	F401509048P	F401509060P	25
2"	F402009018P	F402009024P	F402009030P	F402009036P	F402009048P	F402009060P	25
2-1/2"	F402509018P	F402509024P	F402509030P	F402509036P	F402509048P	F402509060P	20
3"	F403009018P	F403009024P	F402509030P	F403009036P	F403009048P	F403009060P	50
3-1/2"	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° Bend							
1"	F401004518P	F401004524P	F401004530P	F401004536P	F401004548P	F401004560P	25
1-1/4"	F401254518P	F401254524P	F401254530P	F401254536P	F401254548P	F401254560P	25
1-1/2"	F401504518P	F401504524P	F401504530P	F401504536P	F401504548P	F401504560P	25
2"	F402004518P	F402004524P	F402004530P	F402004536P	F402004548P	F402004560P	25
2-1/2"	F402504518P	F402504524P	F402504530P	F402504536P	F402504548P	F402504560P	20
3"	F403004518P	F403004524P	F403004530P	F403004536P	F403004548P	F403004560P	50
3-1/2"	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 1/2° and 11 1/4° special radius elbows
 Product availability varies by region and minimum run quantities may apply
 Listed to UL 651



SCHEDULE 40-BALL END SPECIAL RADIUS ELBOWS



- Proven durability in demanding applications
- Non-corrosive and non-conductive
- Thoroughly tested to stringent quality standards
- Available in diameters from 1/2" to 8"
- Proudly made in the USA

Trade Size	Part No.						Package Quantity
	18" Radius	24" Radius	30" Radius	36" Radius	48" Radius	60" Radius	
90° Bend							
1"	F401009018	F401009024	F401009030	F401009036	F401009048	F401009060	25
1-1/4"	F401259018	F401259024	F401259030	F401259036	F401259048	F401259060	25
1-1/2"	F401509018	F401509024	F401509030	F401509036	F401509048	F401509060	25
2"	F402009018	F402009024	F402009030	F402009036	F402009048	F402009060	25
2-1/2"	F402509018	F402509024	F402509030	F402509036	F402509048	F402509060	20
3"	F403009018	F403009024	F402509030	F403009036	F403009048	F403009060	50
3-1/2"	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° Bend							
1"	F401004518	F401004524	F401004530	F401004536	F401004548	F401004560	25
1-1/4"	F401254518	F401254524	F401254530	F401254536	F401254548	F401254560	25
1-1/2"	F401504518	F401504524	F401504530	F401504536	F401504548	F401504560	25
2"	F402004518	F402004524	F402004530	F402004536	F402004548	F402004560	25
2-1/2"	F402504518	F402504524	F402504530	F402504536	F402504548	F402504560	20
3"	F403004518	F403004524	F403004530	F403004536	F403004548	F403004560	50
3-1/2"	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°, 221/2 ° and 111/4 ° special radius elbows
 Product availability varies by region and minimum run quantities may apply
 Listed to UL 651



SCHEDULE 80 SPECIAL RADIUS ELBOWS



SCHEDULE 80 SPECIAL RADIUS ELBOWS

- Proven durability in demanding applications
- Non-corrosive and non-conductive
- Thoroughly tested to stringent quality standards
- Available in diameters from 1/2" to 6"
- Proudly made in the USA



Trade Size	Part No.			Package Quantity
	24" Radius	36" Radius	48" Radius	
Plain End 90° Bend				
2"	F802009024P	F802009036P	F802009048P	50
2-1/2"	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° Bend				
2"	F802004524P	F802004536P	F802004548P	50
2-1/2"	F802504524P	F802504536P	F802504548P	50
3"	F803004524P	F803004536P	F803004548P	50
4"	F804004524P	F804004536P	F804004548P	25
5"	F8050045P	F805004536P	F805004548P	20
6"	-	F806004536P	F806004548P	16
Ball End 45° Bend				
2"	F802009024	F802009036	F802009048	50
2-1/2"	F802509024	F802509036	F802509048	50
3"	F803009024	F803009036	F803009048	50
4"	F804009024	F804009036	F804009048	25
5"	F8050090	F805009036	F805009048	20
6"	-	F806009036	F806009048	16
Ball End 45° Bend				
2"	F802004524	F802004536	F802004548	50
2-1/2"	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°, 221/2° and 111/4° special radius elbows
 Product availability varies by region and minimum run quantities may apply
 Listed to UL 651





UTILITY/C-DUCT SPECIAL RADIUS ELBOWS

Utility Duct

- Proven durability in demanding applications
- Non-corrosive and non-conductive
- Thoroughly tested to stringent quality standards
- Proudly made in the USA



Trade Size	t				Package Quantity
	24" Radius	36" Radius	48" Radius	60" Radius	
90° Bend					
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° Bend					
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
22-1/4° Bend					
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 DB120, but can be used with any EB or DB duct

4" C-Duct

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



Atkore™
Heritage
Plastics

COUPLINGS



Coupling
Listed to UL 651



Long Line Coupling

Product appearance
may vary by region

Trade Size	Part No.	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	1
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

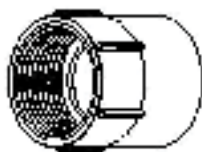
*8 inch products are not included in UL 651
Conforms to NEMA TC-3

Atkore™
Heritage
Plastics

ADAPTERS



Terminal Adapters



Female Adapters

Trade Size	Part No.	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	2
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





EXPANSION COUPLINGS & REPAIR SLEEVE COUPLINGS

Trade Size	Part No.	Package Quantity
One Piece Expansion Couplings		
1/2"	EJ105	
3/4"	EJ107	
1"	EJ110	
1-1/4"	EJ112	
1-1/2"	EJ115	
2"	EJ120	
Two Piece Expansion Couplings		
1/2"	EJ05	
3/4"	EJ07	
1"	EJ10	
1-1/4"	EJ12	
1-1/2"	EJ15	
2"	EJ20	
2-1/2"	EJ25	
3"	EJ30	
3-1/2"	EJ35	
4"	EJ40	
5"	EJ50	
6"	EJ60	
Repair Sleeve Couplings		
1"	40REC10	
1-1/4"	40REC12	
1-1/2"	40REC15	
2"	40REC20	
2-1/2"	40REC25	
3"	40REC30	
4"	40REC40	
5"	40REC50	
6"	40REC60	

Product availability may vary by region



Expansion Coupling
One Piece



Expansion Coupling
Two Piece



Repair Sleeve Coupling

Atkore[™] Heritage Plastics

SWEDGE COUPLINGS

Trade Size	Part No.	Package Quantity
DB		
1-1/2"	60SWC15	50
2"	60SWC29	50
3"	60SWC30	30
4"	60SWC40	30
5"	60SWC50	15
6"	60SWC60	10
Schedule 40		
1"	40SWC10	50
1-1/4"	40SWC12	50
1-1/2"	40SWC15	50
2"	40SWC20	50
2-1/2"	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		
4C-Duct to 4 Duct	C60SWC40	30
4"	CSWC50	30

Product availability may vary by region



Swedge Coupling

SWEDGE COUPLINGS REDUCERS SPIGOT x SPIGOT

Trade Size	Part No.	Package Quantity
DB		
2-1/2" x 2"	60SWC15	100
3" x 2"	60SWC29	80
3" x 2-1/2"	60SWC30	80
4" x 3"	60SWC40	60
5" x 4"	60SWC50	36
6" x 5"	60SWC60	36
Schedule 40		
1-1/2" x 1"	40SWC10	25
2" x 1-1/2"	40SWC12	25
2-1/2" x 2"	40SWC15	80
3" x 2"	40SWC20	80
3" x 2-1/2"	40SWC25	80
4" x 3"	40SWC30	60
5" x 4"	40SWC40	36
6" x 5"	40SWC50	36
Schedule 80		
3" x 2"	80SWC20	80
4" x 3"	80SWC30	60
5" x 4"	80SWC30	36

Product availability may vary by region



Swedge Reducer Spigot x Spigot



5° COUPLINGS



Bell x Bell



Bell x Spigot

Trade Size	Part No.		Package Quantity
	Bell X	Bell x Spigot	
DB			
3"	605EC30BB	605EC30BS	30
4"	605EC40BB	605EC40BS	30
5"	605EC50BB	605EC50BS	15
6"	605EC60BB	605EC60BS	10
Schedule 40			
2"	405E20BB	405E20BS	50
3"	405E30BB	405E30BS	30
4"	405E40BB	405E40BS	30
5"	405E50BB	405E50BS	15
6"	405E60BB	405E60BS	10
C-Duct			
4"	CES40BB	CES40BS	30

SLIP METER RISERS

Trade Size	Part No.	Package Quantity
Schedule 40		
2"	MTR40200	10
2-1/2"	MTR40250	8
3"	MTR40300	5
4"	MTR40400	3

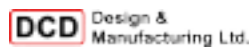


Meter Riser

Product availability may vary by region

METER BOX PULLER

SERIES 32460



Designed for use by power utilities or contractors who are pulling new residential service lines through conduit. The head of the Meter Box Puller fits snugly in the meter enclosure, while the handle is strapped to the PVC conduit that goes from the ground to the meter box.

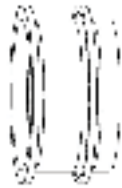
During the pull, the sheaves in the head make the pull easier, while the handle presses against the PVC conduit helping to keep the conduit and the meter box from pulling out from the wall.



Part No.	3:1 Safe Working Load	Nominal PVC Conduit Diameter	Weight
32460-000	1,250 lb	3" to 4"	8.1 lb
32460-300	1,250 lb	3"	7.8 lb



END BELLS & REDUCER BUSHINGS



End Bell



Reducer Bushing

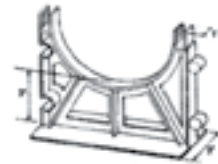
Trade Size	Part No.	Package Quantity
End Bells		
1/2"	MEB05	100
3/4"	MEB07	100
1"	MEB10	50
1-1/4"	MEB12	50
1-1/2"	MEB15	50
2"	MEB20	40
2-1/2"	MEB25	30
3"	MEB30	50
3-1/2"	MEB035	50
4"	MEB40	50
5"	MEB50	25
6"	MEB60	15
8"	MEB80	1
Reducer Bushings		
3/4" x 1/2"	MR0705	100
1" x 1/2"	MR01005	100
1" x 3/4"	MR01007	100
1-1/4 x 3/4"	MR01207	50
1-1/4" x 1"	MR01210	50
1-1/2" x 1"	MR01510	50
1-1/2" x 1-1/4"	MR01512	50
2" x 1"	MR02010	50
2" x 1-1/4"	MR02012	25
2" x 1-1/2"	MR02015	25
2-1/2" x 2"	MR02520	15
3" x 2"	MR03020	25
3" x 2-1/2"	MR03025	15
4" x 2"	MR04020	10
4" x 3"	MR04030	10
4" x 3-1/2"	MR04035	15

Product availability may vary by region

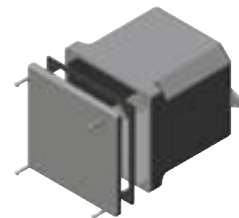


DUCT SPACERS & JUNCTION BOXES

Trade Size	Part No.	Package Quantity	Part No.	Package Quantity	
		Intermediate Spacers		Base Spacers	
2-1/2" x 1-1/2"	IV2015	350	BV2015	250	
2" x 2"	IV2020	300	BV2020	225	
2" x 3"	IV2030	200	BV2030	225	
3" x 1-1/2"	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 1-1/2"	IV4015	150	BV4015	140	
4" x 2"	IV4020	125	BV4020	140	
4" x 3"	IV4030	90	BV4030	120	
5" x 1-1/2"	IV5015	100	BV5015	120	
5" x 2"	IV5020	100	BV5020	120	
5" x 3"	IV5030	80	BV5030	100	
6" x 1-1/2"	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	
		Self Tapping Screws		Brass Screw Inserts	
4" x 4" x 2"	JB442S	10	JB442	15	
4" x 4" x 4"	JB442S	10	JB442	10	
4" x 4" x 6"	JB442S	10	JB442	8	
5" x 5" x 2"	JB552S	10	JB552	12	
6" x 6" x 4"	JB664S	10	JB664	15	
6" x 6" x 6"	JB666S	5	JB666	4	
8" x 8" x 4"	JB884S	5	JB884	4	
8" x 8" x 7"	JB887S	4	JB887	4	
12" x 12" x 4"	JN12124S	2	JN12124	2	
12" x 12" x 6"	JB12126S	2	JB12126	4	
12" x 12" x 8"	JB12128S	3	JB12128	3	




Spacers



Junction Box

Product appearance may vary by region
 Product availability may vary by region

IPS PIPE SIZES AND PRESSURE CLASS



PE4710/PE100		PC ^B , psi	335	320	250	200	160	140	125	100	80	65
IPS SIZE ^A	AVG O.D. (in)	DR	7	7.3	9	11	13.5	15.5	17	21	26	32.5
3/4"	1.050"	Min Wall, (in)	0.150"	0.144"	0.117"	0.095"						
		Avg ID ^C , (in)	0.732"	0.745"	0.803"	0.848"						
		Weight, (lb/ft)	0.187"	0.177"	0.148"	0.124"						
1"	1.315"	Min Wall, (in)	0.188"	0.180"	0.146"	0.120"						
		Avg ID ^C , (in)	0.917"	0.933"	1.005"	1.062"						
		Weight, (lb/ft)	0.288"	0.288"	0.232"	0.195"						
1-1/4"	1.660"	Min Wall, (in)	0.237"	0.227"	0.184"	0.151"						
		Avg ID ^C , (in)	1.157"	1.178"	1.269"	1.340"						
		Weight, (lb/ft)	0.459"	0.442"	0.369"	0.310"						
1-1/2"	1.900"	Min Wall, (in)	0.271"	0.260"	0.211"	0.173"						
		Avg ID ^C , (in)	1.325"	1.348"	1.452"	1.534"						
		Weight, (lb/ft)	0.600"	0.580"	0.485"	0.406"						
2"	2.375"	Min Wall, (in)	0.339"	0.325"	0.264"	0.216"	0.176"	0.153"	0.140"			
		Avg ID ^C , (in)	1.656"	1.685"	1.816"	1.917"	2.002"	2.050"	2.079"			
		Weight, (lb/ft)	0.939"	0.906"	0.758"	0.634"	0.526"	0.462"	0.425"			
3"	3.500"	Min Wall, (in)	0.500"	0.479"	0.389"	0.318"	0.259"	0.226"	0.206"	0.167"		
		Avg ID ^C , (in)	2.440"	2.484"	2.676"	2.825"	2.950"	3.021"	3.064"	3.147"		
		Weight, (lb/ft)	2.040"	1.968"	1.646"	1.376"	1.141"	1.006"	0.923"	0.757"		
4"	4.500"	Min Wall, (in)	0.643"	0.616"	0.500"	0.409"	0.333"	0.290"	0.265"	0.214"	0.173"	0.138"
		Avg ID ^C , (in)	3.137"	3.193"	3.440"	3.633"	3.793"	3.885"	3.393"	4.046"	4.133"	4.206"
		Weight, (lb/ft)	3.372"	3.253"	2.720"	2.275"	1.887"	1.660"	1.526"	1.247"	1.018"	0.819"
6"	6.625"	Min Wall, (in)	0.946"	0.908"	0.736"	0.602"	0.491"	0.427"	0.390"	0.315"	0.255"	0.204"
		Avg ID ^C , (in)	4.619"	4.701"	5.064"	5.348"	5.585"	5.719"	5.799"	5.956"	6.085"	6.193"
		Weight, (lb/ft)	7.305"	7.059"	5.894"	4.930"	4.095"	3.599"	3.307"	2.703"	2.209"	1.781"
8"	8.625"	Min Wall, (in)	1.232"	1.182"	0.958"	0.784"	0.639"	0.556"	0.507"	0.411"	0.332"	0.265"
		Avg ID ^C , (in)	6.013"	6.120"	6.593"	6.963"	7.271"	7.445"	7.549"	7.754"	7.922"	8.062"
		Weight, (lb/ft)	12.385"	11.963"	9.988"	8.359"	6.939"	6.100"	5.597"	4.591"	3.744"	3.012"
10"	10.750"	Min Wall, (in)	1.536"	1.473"	1.194"	0.977"	0.796"	0.694"	0.632"	0.512"	0.413"	0.331"
		Avg ID ^C , (in)	7.494"	7.628"	8.218"	8.678"	9.062"	9.280"	9.409"	9.665"	9.873"	10.049"
		Weight, (lb/ft)	19.245"	18.581"	15.515"	12.983"	10.774"	9.490"	8.695"	7.128"	5.805"	4.689"
12"	12.750"	Min Wall, (in)	1.821"	1.747"	1.417"	1.159"	0.944"	0.823"	0.750"	0.607"	0.490"	0.392"
		Avg ID ^C , (in)	8.889"	9.047"	9.747"	10.293"	10.748"	11.006"	11.260"	11.463"	11.710"	11.918"
		Weight, (lb/ft)	27.062"	26.138"	21.837"	18.267"	15.155"	13.348"	12.238"	10.023"	8.169"	6.587"
14'	14.00"	Min Wall, (in)	2.000"	1.918"	1.556"	1.273"	1.037"	0.903"	0.824"	0.667"	0.538"	0.431"
		Avg ID ^C , (in)	9.760"	9.934"	10.702"	11.302"	11.801"	12.085"	12.254"	12.587"	12.858"	13.087"
		Weight, (lb/ft)	32.635"	31.511"	26.329"	22.030"	18.279"	16.082"	14.763"	12.093"	9.848"	7.952"
16"	16.00"	Min Wall, (in)	2.286"	2.192"	1.778"	1.455"	1.185"	1.032"	0.941"	0.762"	0.615"	0.492"
		Avg ID ^C , (in)	11.154"	11.353"	12.231"	12.916"	13.487"	13.812"	14.005"	14.385"	14.695"	14.956"
		Weight, (lb/ft)	42.629"	41.157"	34.384"	28.777"	23.872"	21.005"	19.269"	15.789"	12.866"	10.375"



IPS PIPE SIZES AND PRESSURE CLASS



PE4710/PE100		PC ^B , psi	335	320	250	200	160	140	125	100	80	65
IPS SIZE ^A	AVG O.D. (in)	DR	7	7.3	9	11	13.5	15.5	17	21	26	32.5
18"	18"	Min Wall, (in)	2.571"	2.466"	2"	1.636"	1.333"	1.161"	1.059"	0.857"	0.692"	0.554"
		Avg ID ^C , (in)	12.549"	12.773"	13.76"	14.531"	15.173"	15.538"	15.755"	16.183"	16.532"	16.826"
		Weight, (lb/ft)	53.94"	52.089"	43.513"	36.403"	30.21"	26.584"	24.395"	19.977"	16.286"	13.142"
20"	20"	Min Wall, (in)	2.857"	2.74"	2.222"	1.818"	1.481"	1.29"	1.176"	0.952"	0.769"	0.615"
		Avg ID ^C , (in)	13.943"	14.192"	15.289"	16.145"	16.859"	17.265"	17.506"	17.981"	18.369"	18.695"
		Weight, (lb/ft)	66.599"	64.307"	53.715"	44.947"	37.294"	32.82"	30.102"	24.658"	20.109"	16.211"
22"	22"	Min Wall, (in)	3.143"	3.014"	2.444"	2"	1.63"	1.419"	1.294"	1.048"	0.846"	0.677"
		Avg ID ^C , (in)	15.337"	15.611"	16.818"	17.76"	18.545"	18.991"	19.256"	19.779"	20.206"	20.565"
		Weight, (lb/ft)	80.591"	77.812"	64.991"	54.391"	45.149"	39.712"	36.433"	29.858"	24.335"	19.629"
24"	24"	Min Wall, (in)	3.429"	3.288"	2.667"	2.182"	1.778"	1.548"	1.412"	1.143"	0.923"	0.738"
		Avg ID ^C , (in)	16.731"	17.03"	18.347"	19.375"	20.231"	20.717"	21.007"	21.577"	22.043"	22.434"
		Weight, (lb/ft)	95.916"	92.603"	77.365"	64.735"	53.726"	47.26"	43.369"	35.525"	28.963"	23.344"
26"	26"	Min Wall, (in)	3.714"	3.562"	2.889"	2.364"	1.926"	1.677"	1.529"	1.238"	1"	0.8"
		Avg ID ^C , (in)	18.126"	18.449"	19.876"	20.989"	21.917"	22.444"	22.758"	23.375"	23.88"	24.304"
		Weight, (lb/ft)	114.714"	110.769"	92.535"	77.44"	64.261"	56.532"	51.856"	42.486"	34.648"	27.94"
28"	28"	Min Wall, (in)	4.000"	3.836"	3.111"	2.545"	2.074"	1.806"	1.647"	1.333"	1.077"	0.862"
		Avg ID ^C , (in)	19.520"	19.868"	21.404"	22.604"	23.603"	24.17"	24.508"	25.173"	25.717"	26.174"
		Weight, (lb/ft)	133.49"	128.466"	107.312"	89.785"	74.522"	65.563"	60.154"	49.266"	40.187"	32.421"
30"	30"	Min Wall, (in)			3.333"	2.727"	2.222"	1.935"	1.765"	1.429"	1.154"	0.923"
		Avg ID ^C , (in)			22.933"	24.218"	25.289"	25.897"	26.259"	26.971"	27.554"	28.043"
		Weight, (lb/ft)			123.183"	103.076"	85.543"	75.624"	69.068"	56.585"	46.135"	37.196"
32"	32"	Min Wall, (in)			3.556"	2.909"	2.37"	2.065"	1.882"	1.524"	1.231"	0.985"
		Avg ID ^C , (in)			24.462"	25.833"	26.975"	27.623"	28.009"	28.77"	29.391"	29.913"
		Weight, (lb/ft)			140.183"	117.285"	97.324"	85.672"	78.557"	64.37"	52.494"	42.34"
34"	34"	Min Wall, (in)			3.778"	3.091"	2.519"	2.194"	2"	1.619"	1.308"	1.046"
		Avg ID ^C , (in)			25.991"	27.447"	28.661"	29.35"	29.76"	30.568"	31.228"	31.782"
		Weight, (lb/ft)			158.244"	132.411"	109.905"	96.714"	88.7"	72.657"	59.264"	47.773"
36"	36"	Min Wall, (in)			4.000"	3.273"	2.667"	2.323"	2.118"	1.714"	1.385"	1.108"
		Avg ID ^C , (in)			27.52"	29.062"	30.347"	31.076"	31.511"	32.366"	33.065"	33.652"
		Weight, (lb/ft)			177.399"	148.454"	123.208"	108.424"	99.457"	81.446"	66.444"	53.581"
42"	42"	Min Wall, (in)				3.818"	3.111"	2.71"	2.471"	2"	1.615"	1.292"
		Avg ID ^C , (in)				33.906"	35.404"	36.255"	36.762"	37.76"	38.575"	39.26"
		Weight, (lb/ft)				202.039"	167.675"	147.568"	135.372"	110.874"	90.393"	72.893"
48"	48"	Min Wall, (in)					3.556"	3.097"	2.824"	2.286"	1.846"	1.477"
		Avg ID ^C , (in)					40.461"	41.435"	42.014"	43.154"	44.086"	44.869"
		Weight, (lb/ft)					219.06"	192.774"	176.813"	144.833"	118.082"	95.233"
54"	54"	Min Wall, (in)						3.484"	3.176"	2.571"	2.077"	1.662"
		Avg ID ^C , (in)						46.614"	47.266"	48.549"	49.597"	50.478"
		Weight, (lb/ft)						243.921"	223.713"	183.253"	149.464"	120.556"

DIPS (DIOD) PRESSURE CLASS PIPE



PE4710		Pressure Class ^b	PC250	PC200	PC160	PC125
DIPS SIZE ^a	AVG O.D. (in)	DR	9	11	13.5	17
4"	4.80"	Min Wall, (in)	0.533"	0.436"	0.356"	0.282"
		Avg ID ^c , (in)	3.669"	3.875"	4.046"	4.201"
		Weight, (lb/ft)	3.093"	2.587"	2.151"	1.732"
6"	6.90"	Min Wall, (in)	0.767"	0.627"	0.511"	0.406"
		Avg ID ^c , (in)	5.275"	5.570"	5.816"	6.040"
		Weight, (lb/ft)	6.396"	5.348"	4.439"	3.585"
8"	9.05"	Min Wall, (in)	1.006"	0.823"	0.670"	0.532"
		Avg ID ^c , (in)	6.918"	7.306"	7.629"	7.921"
		Weight, (lb/ft)	11.004"	9.207"	7.635"	6.162"
10"	11.10"	Min Wall, (in)	1.233"	1.009"	0.822"	0.653"
		Avg ID ^c , (in)	8.485"	8.961"	9.357"	9.716"
		Weight, (lb/ft)	16.543"	13.485"	11.488"	9.276"
12"	13.20"	Min Wall, (in)	1.467"	1.200"	0.978"	0.776"
		Avg ID ^c , (in)	10.091"	10.656"	11.127"	11.554"
		Weight, (lb/ft)	23.405"	19.581"	16.254"	13.110"
14"	15.30"	Min Wall, (in)	1.700"	1.391"	1.133"	0.900"
		Avg ID ^c , (in)	11.696"	12.351"	12.897"	13.392"
		Weight, (lb/ft)	31.438"	26.308"	21.826"	17.623"
16"	17.40"	Min Wall, (in)	1.933"	1.582"	1.289"	1.024"
		Avg ID ^c , (in)	13.301"	14.047"	14.688"	15.230"
		Weight, (lb/ft)	40.654"	34.027"	28.239"	22.802"
18"	19.50"	Min Wall, (in)	2.167"	1.773"	1.444"	1.147"
		Avg ID ^c , (in)	14.907"	15.742"	16.438"	17.068"
		Weight, (lb/ft)	51.074"	42.738"	35.453"	28.625"
20"	21.60"	Min Wall, (in)	2.400"	1.964"	1.600"	1.271"
		Avg ID ^c , (in)	16.512"	17.437"	18.208"	18.906"
		Weight, (lb/ft)	62.659"	52.440"	43.513"	35.124"
24"	25.80"	Min Wall, (in)	2.867"	2.345"	1.911"	1.518"
		Avg ID ^c , (in)	19.723"	20.828"	21.748"	22.583"
		Weight, (lb/ft)	91.123"	76.229"	63.270"	51.068"

(1) DIPS (DIOD) sizes per ASTM D3035 and AWWA C906-15. (2) Pressure Class rating (PC) in psi is for water at 73°F (23°C) and lower. PC will vary for water at other temperatures. See WL106 PE4710 Pipe Compound and WL118 Pressure Rating. (3) Calculated Avg ID = Avg OD - (2.12 x min wall), and is for estimating water flow. Pipe ID is approximate, not a specification dimension. (4) All dimensions in inches. (5) NSF-61 certification for potable water available on request. (6) See WL101 and WL124 for fusion, electrofusion, mechanical joining and installation information. (7) The information in this publication does not constitute a guarantee or warranty for piping installations and cannot be guaranteed because the conditions of use are beyond our control. The user of this information assumes all risk associated with its use. See WL125 Terms and Conditions of Sale.



DIPS (DIOD) PRESSURE CLASS PIPE



PE4710		PC ³ , psi	335	320	250	200	160	140	125	110	100	80	65
IPS SIZE ^A	AVG O.D. (in)	DR	7	7.3	9	11	13.5	15.5	17	19	21	26	32.5
4"	4.80"	Min Wall, (in)	0.686"	0.658"	0.533"	0.436"	0.356"	0.310"	0.282"	0.253"	0.229"	0.185"	0.148"
		Avg ID ^C , (in)	3.346"	3.406"	3.669"	3.875"	4.064"	4.134"	4.210"	4.264"	4.315"	4.409"	4.487"
		Weight, (lb/ft)	3.838"	3.706"	3.093"	2.587"	2.151"	1.893"	1.732"	1.564"	1.423"	1.161"	0.936"
6"	6.90"	Min Wall, (in)	0.986"	0.945"	0.767"	0.627"	0.511"	0.445"	0.406"	0.363"	0.329"	0.265"	0.212"
		Avg ID ^C , (in)	4.810"	4.896"	5.275"	5.570"	5.816"	5.956"	6.040"	6.130"	6.203"	6.337"	6.450"
		Weight, (lb/ft)	7.929"	7.652"	6.396"	5.348"	4.439"	3.906"	3.585"	3.227"	2.940"	2.391"	1.928"
8"	9.05"	Min Wall, (in)	1.293"	1.240"	1.006"	0.823"	0.670"	0.584"	0.532"	0.473"	0.431"	0.348"	0.278"
		Avg ID ^C , (in)	6.309"	6.422"	6.918"	7.306"	7.629"	7.812"	7.921"	8.040"	8.136"	8.312"	8.460"
		Weight, (lb/ft)	13.638"	13.169"	11.004"	9.207"	7.635"	6.723"	6.162"	5.550"	5.051"	4.118"	3.316"
10"	11.10"	Min Wall, (in)	1.586"	1.521"	1.233"	1.009"	0.822"	0.716"	0.653"	0.584"	0.529"	0.427"	0.342"
		Avg ID ^C , (in)	7.738"	7.876"	8.485"	8.961"	9.357"	9.582"	9.716"	9.861"	9.979"	10.195"	10.376"
		Weight, (lb/ft)	20.518"	19.812"	16.543"	13.845"	11.488"	10.110"	9.276"	8.351"	7.604"	6.197"	5.003"
12"	13.20"	Min Wall, (in)	1.886"	1.808"	1.467"	1.200"	0.978"	0.852"	0.776"	0.695"	0.629"	0.508"	0.406"
		Avg ID ^C , (in)	9.202"	9.367"	10.091"	10.656"	11.127"	11.395"	11.554"	11.727"	11.867"	12.124"	12.339"
		Weight, (lb/ft)	29.015"	28.007"	23.405"	19.581"	16.254"	14.306"	13.110"	11.818"	10.752"	8.767"	7.063"
14"	15.30"	Min Wall, (in)	2.186"	2.096"	1.700"	1.391"	1.133"	0.987"	0.900"	0.805"	0.729"	0.588"	0.471"
		Avg ID ^C , (in)	10.666"	10.857"	11.696"	12.351"	12.897"	13.207"	13.392"	13.593"	13.755"	14.052"	14.302"
		Weight, (lb/ft)	39.981"	37.633"	31.438"	26.308"	21.826"	19.210"	17.623"	15.867"	14.444"	11.763"	9.497"
16"	17.40"	Min Wall, (in)	2.486"	2.384"	1.933"	1.582"	1.289"	1.123"	1.024"	0.916"	0.829"	0.669"	0.535"
		Avg ID ^C , (in)	12.130"	12.347"	13.301"	14.047"	14.668"	15.020"	15.230"	15.455"	15.643"	15.981"	15.265"
		Weight, (lb/ft)	50.416"	48.678"	40.694"	34.027"	28.239"	24.856"	22.802"	20.532"	18.680"	15.220"	12.269"
18"	19.50"	Min Wall, (in)	2.786"	2.671"	2.167"	1.773"	1.444"	1.258"	1.147"	1.026"	0.929"	0.750"	0.600"
		Avg ID ^C , (in)	13.594"	13.837"	14.907"	15.742"	16.438"	16.833"	17.068"	17.324"	17.351"	17.910"	18.228"
		Weight, (lb/ft)	63.318"	61.123"	51.074"	42.738"	35.453"	31.205"	28.625"	25.774"	23.460"	19.122"	15.420"
20"	21.60"	Min Wall, (in)	3.086"	2.959"	2.400"	1.964"	1.600"	1.394"	1.271"	1.137"	1.029"	0.831"	0.665"
		Avg ID ^C , (in)	15.058"	15.327"	16.512"	17.437"	18.208"	18.646"	18.906"	19.190"	19.419"	19.839"	20.191"
		Weight, (lb/ft)	77.690"	75.004"	62.659"	52.440"	43.513"	38.301"	35.134"	31.637"	28.783"	23.469"	18.931"
24"	25.80"	Min Wall, (in)	3.686"	3.534"	2.867"	2.345"	1.911"	1.665"	1.518"	1.358"	1.229"	0.992"	0.794"
		Avg ID ^C , (in)	17.986"	18.307"	19.723"	20.828"	21.748"	22.271"	22.583"	22.921"	23.195"	23.696"	24.117"
		Weight, (lb/ft)	112.970"	109.056"	91.123"	76.229"	63.270"	55.693"	51.086"	46.002"	41.852"	34.107"	27.517"
30"	32.00"	Min Wall, (in)			3.556"	2.909"	2.370"	2.065"	1.882"	1.684"	1.524"	1.231"	0.985"
		Avg ID ^C , (in)			24.462"	25.833"	26.975"	27.623"	28.429"	28.429"	28.770"	29.391"	29.913"
		Weight, (lb/ft)			140.183"	117.285"	97.324"	85.672"	70.755"	70.755"	64.370"	52.494"	42.430"
36"	38.300"	Min Wall, (in)			4.256"	3.482"	2.837"	2.471"	2.253"	2.016"	1.824"	1.473"	1.178"
		Avg ID ^C , (in)			29.278"	30.919"	32.286"	33.062"	33.524"	34.026"	34.433"	35.177"	35.802"
		Weight, (lb/ft)			200.809"	168.025"	139.436"	122.701"	112.557"	101.379"	92.209"	75.181"	60.606"

WL115 - WL PLASTICS PE4710 WATER PIPE



WL Plastics PE4710 Pressure Water Pipe

WL Plastics is dedicated to the principle that customers should have the best in quality and service. WL Plastics quality begins with premium materials and state-of-the-art extrusion equipment because better materials and better processing yield a better product. Customer service begins with talking to people that can provide answers, not selecting voice-mail numbers.

WL Plastics opened its Mills, WY plant near Casper in 2000. Four years later, Cedar City, UT opened followed by Gillette, WY in late 2004. Bowie, TX opened in 2005, followed by Crossfield, AB Canada in 2007, Elizabethtown, KY in 2010, Snyder, TX in 2012, Rapid City, South Dakota in 2014, an additional building added to our Bowie, TX location in 2014 and a new plant located in Statesboro, GA for 2016. Such growth validates WL Plastics focus and dedication to quality products and customer service.

WL Plastics PE4710 Pressure-Rated Polyethylene

WL Plastics PE4710 polyethylene has enhanced long-term and short-term strengths for extended service and reliability in demanding applications. WL Plastics PE4710 is the highest performing PE4710 available.

- WL Plastics PE4710 pressure-rated polyethylene compound meets or exceeds ASTM D 3350 Cell Classification PE445574C
- WL Plastics PE4710 pressure-rated polyethylene has PPI Listed HDB ratings at 73° F and at 140° F and PPI Listed HDS ratings for water at 73° F. See table Below.
- For potable water service, WL Plastics PE4710 polyethylene is certified to NSF-61 by the National Sanitation Foundation.

WL PLASTICS PE4710 - PHYSICAL PROPERTY (PLAQUE)

Physical Property	Test Method	Typical Value (1)
Tensile Strength at Yield (2 in/min)	ASTM D638	3,500 < 4,000 psi
Tensile elongation (2 in/min)	ASTM D638	>400%
Flexural modulus	ASTM D790	>120,000 psi
SCG Resistance, PENT (80° C, 2.4 MPa)	ASTM F1473	>500 h
Impact Resistance	ASTM D256 (Izod)	>20 ft-lb/in
	ASTM F2231 (Charpy)	>14 ft-lb/in ²
Brittleness temperature	ASTM D746	<-103°F (<-75°C)

WL PLASTICS PE4710 - PHYSICAL PROPERTY (PIPE)

PPI TR-4 Listed HDB for water at 73°F (23°C)	ASTM D2837 & PPI TR-3	1,600 psi (11.0 MPa)
PPI TR-4 Listed HDB for water at 73°F (23°C)	ASTM D2837 & PPI TR-3	1,000 psi (6.9 MPa)
PPI TR-4 Listed HDB at 140°F (60°C)	ASTM D2837 & PPI TR-3	1,000 psi (6.9 MPa)
HDS for water at 140°F (60°C)	ASTM D2837 & PPI TR-3	630 psi (4.3 MPa)
RCP Resistance, Critical Pressure at 32°F (0°C)	ISO 13477	>174 psi (>1.2 MPa)
RCP Resistance, Critical Temperature at 72.5 psi (0.5 MPa)	ISO 13477	<2°F (<17°C)

Typical values for compound physical properties determined by testing plaque or pipe specimens in accordance with test method. Values for pipe may vary.



WL129 – PE4710 for GAS DISTRIBUTION



WL Plastics high performance bimodal high-density polyethylene (HDPE) pipe is an excellent choice for distribution of natural gas, LNG, or propane. WL Plastics PE 4710 gas pipe is manufactured from engineered high density bimodal polyethylene compounds that:

- Meets or exceeds ASTM D3350 cell classifications PE445574C (black pipe) and PE234373E (yellow stripe)
- Are stabilized against UV deterioration for 10 years or more with 2-3% carbon black content
- Are listed by PPI in TR-4 and are stress rated with a Hydrostatic Design Basis (HDB) of 1600 psi @ 73oF and 1000psi at 140oF
- Exceed PPI TR-3 and ASTM D3350 slow crack growth (SCG) resistance requirements with PENT > 5,000hrs
- Have outstanding resistance to Rapid Crack Propagation (RCP) providing greater strength for higher pressures or at lower temperatures
- Have design life of greater than 100 years

WL Plastics bimodal PE4710 gas pipe is manufactured with:

- Compliance to ASTM D2513 with no rework (NR) material per 49CFR192. NR is included in the pipe print line.
- Four to six co-extruded yellow stripes evenly spaced around the pipe for easy identification.
- Heat indent print line meeting D2513 and ink jet print line showing the ASTM F2987 Tracking & Traceability bar code and alpha-numeric code.

TYPICAL PHYSICAL PROPERTIES FOR WL PLASTICS PE4710 PIPE MATERIALS

Physical Property	Test Method	Typical Value ⁽¹⁾
Cell classification (black compound)	ASTM D3350	PE445574C
Melt Index (190/2.16)	ASTM D1238	<0.1 g/10 min
High Load Melt Index(2)(190/21.6)	ASTM D1238	4 - 12 g/10 min
Density with 2% minimum carbon black (73°F/23°C)	ASTM D792	0.960 g/cm ³
Tensile strength at yield (2 in/min; 73°F/23°C)	ASTM D638	3500 < 4000 psi
Tensile elongation (2 in/min; 73°F/23°C)	ASTM D638	>500%
Flexural modulus (73°F/23°C)	ASTM D790	>150,000 psi
SCG Resistance, PENT (80°C, 2.4 MPa)	ASTM F1473	> 5000 h
Thermal stability		>428°F (> 220°C)
Brittleness temperature	ASTM D746	<-103°F (<-75°C)
Thermal expansion coefficient	ASTM D696	9 x 10 ⁻⁵ in/°F
HDB(3) at 73°F (23°C)	ASTM D2837/PPI TR-3	1600 psi (11.0 MPa)
HDB(3) at 140°F (60°C)	ASTM D2837/PPI TR-3	1000 psi (5.5 MPa)
RCP Resistance, Critical Pressure at 32°F (0°C)	ISO 13477	>174 psi (>1.2 MPa)
RCP Resistance, Critical Temp. at 72.5 psi (0.5 MPa)	ISO 13477	<2°F (<-17°C)

(1) Typical values determined from laboratory tests of samples of compounds (resins) prepared as plaque specimens in accordance with industry standard test methods. Values determined on samples prepared from pipe may vary. The typical values presented herein are for PE4710 polyethylene pipe compounds (resins) but do not constitute engineering properties for pipe. (2) Overall range of HLMI values for all compounds from all WL Plastics compound suppliers; HLMI variation for an individual compound will be well within the overall range. (3) Listed HDB and HDS ratings in accordance with ASTM D 2837 and PPI TR-3 are published in PPI TR-4 by the compound manufacturer (independent listing) and by WL Plastics (dependent listing). WL Plastics dependent listing compounds are identified by a compound code for the supplier: D (Dow); E (Lyondell Basell); S (Ineos).



WL130 – PE4710 FM APPROVED PIPE for WATER, SEWER, FIRE IPS & DIPS Pipe Sizes - Class 200, 250 & 335



WL Plastics PE4710 FM Approved Pipe is listed by FM Approvals for underground fire protection service in accordance with FM Approval Standard Class Number 1613-17, Polyethylene (PE) Pipe and Fittings for Underground Fire Protection.

WL Plastics PE4710 FM Approved Pipe is manufactured from NSF-61 certified HDPE compound that meets or exceeds material designations PE3408 and PE3608. WL Plastics PE4710 compound per WL106 meets or exceeds ASTM D3350 Cell Classification PE445574C and PE345464C.

- **WL Plastics PE4710 FM Approved Pipe** complies with AWWA C901-17, AWWA C906-15 and NFPA 24(1)
- **WL Plastics PE4710 FM Approved Pipe** is NSF-61 certified for potable water service.
- Coextruded Red or Blue stripes are available upon request. (WL105)
- Manufactured at FM Approvals Certified WL Plastics plants: Cedar City, UT, Statesboro, GA – IPS/DIPS 36 and smaller sizes; Bowie, TX, Elizabethtown, KY, Rapid City, SD – IPS/DIPS 24 and smaller sizes.

Table 1 – WL Plastics PE4710 FM Approved IPS Pipe – Class 200, 250 and 335N

IPS Size	Average O.D.		Class 200		Class 250		Class 335	
	(in)	(mm)	Average I.D. (in)	(mm) ⁽²⁾	Average I.D. (in)	(mm) ⁽²⁾	Average I.D. (in)	(mm) ⁽²⁾
2	2.375"	60.3	1.917"	48.7	1.816"	46.1	N/A	N/A
3	3.500"	88.9	2.825"	71.8	2.676"	68.0	N/A	N/A
4	4.500"	114.3	3.633"	92.3	3.440"	87.4	3.137"	79.7
6	6.625"	168.3	5.348"	135.8	5.064"	128.6	4.619"	117.3
8	8.625"	219.1	6.963"	176.9	6.593"	167.5	6.013"	152.7
10	10.750"	273.0	8.678"	220.4	8.218"	208.7	7.494"	190.3
12	12.750"	323.9	10.293"	261.4	9.747"	247.6	8.889"	225.8
14	14.000"	355.6	11.302"	287.1	10.702"	271.8	9.760"	247.9
16	16.000"	406.4	12.916"	328.1	12.231"	310.7	11.154"	283.3
18	18.000"	457.2	14.531"	369.1	13.760"	349.5	12.549"	318.7
20	20.000"	508.0	16.145"	410.1	15.289"	388.6	13.843"	354.2
22	22.000"	558.8	17.760"	451.1	16.818"	427.2	15.337"	389.6
24	24.000"	609.6	19.375"	492.1	18.347"	466.1	16.731"	425.0
26	26.000"	660.4	20.989"	533.1 ³	19.876"	504.8 ⁴	N/A	N/A
28	28.000"	711.2	22.604"	574.2 ³	21.404"	543.7 ⁴	N/A	N/A
30	30.000"	762.0	24.218"	615.1 ³	22.933"	582.5 ⁴	N/A	N/A
32	32.000"	812.8	25.833"	656.2 ³	24.464"	621.4 ⁴	N/A	N/A
34	34.000"	863.6	27.447"	697.2 ³	25.991"	660.2 ⁴	N/A	N/A
36	36.000"	914.4	29.062"	738.2 ³	27.520"	699.0 ⁴	N/A	N/A

(1) WL Plastics FM Approved Pipe is available exclusively in the sizes and pressure classes shown. WL Plastics PE4710 FM Approved pipe complies with FM1613-17, AWWA C901-17, AWWA C906-15 and NFPA 24. THE FOLLOWING IS NOT AVAILABLE: custom diameters; custom DR's; DR's and pressure classes not shown. (2) Average ID is for flow estimation only. Actual ID will vary depending on actual dimensions and tolerances. DO NOT use average ID for sizing devices such as stiffeners that install in the pipe ID. All dimensions in inches; metric conversions for inch dimensions rounded to the nearest 0.1 mm. (3) Cedar City, UT, Statesboro, GA. (4) Cedar City, UT only.



WL130 – PE4710 FM APPROVED PIPE for WATER, SEWER, FIRE IPS & DIPS Pipe Sizes - Class 200, 250 & 335



Table 2 – WL Plastics PE4710 FM Approved IPS Pipe – Class 200, 250 and 335

IPS Size	Average O.D.		Class 200 Average I.D.		Class 250 Average I.D.		Class 335 Average I.D.	
	(in)	(mm)	(in)	(mm) ⁽²⁾	(in)	(mm) ⁽²⁾	(in)	(mm) ⁽²⁾
4	4.800"	121.9	3.875"	98.4	3.669"	93.2	3.346"	85.0
6	6.900"	175.3	5.570"	141.5	5.275"	134.0	4.810"	122.2
8	9.050"	229.9	7.306"	185.6	6.918"	175.7	6.309"	160.3
10	11.100"	281.9	8.961"	227.6	8.845"	215.5	7.738"	196.6
12	13.200"	335.3	10.656"	270.7	10.091"	256.3	9.202"	233.7
14	15.300"	388.6	12.351"	313.7	11.696"	297.1	10.666"	270.9
16	17.400"	441.9	14.047"	356.8	13.301"	337.9	12.130"	308.1
18	19.500"	495.3	15.742"	399.9	14.907"	378.6	13.594"	345.3
20	21.600"	548.6	17.437"	442.9	16.512"	419.4	15.058"	382.5
24	25.800"	655.3	20.828"	529.0	19.723"	501.0	17.986"	456.8
30	32.000"	812.8	25.833"	656.2 ³	24.462"	621.3 ⁴	N/A	N/A
36	38.300"	972.8	30.919"	785.3 ³	29.278"	743.7 ⁴	N/A	N/A

Table 3 – Pressure Capabilities for Water at 73°F/23°C and Lower, psi (kPa)⁽³⁾

Class	Operating Pressure	Surge Pressure Allowance		Maximum Pressure ⁽⁶⁾ - Operating Plus Surge	
		Occasional	Recurring	Occasional	Recurring
200	200 (1379)	200 (1379)	100 (690)	400 (2758)	300 (2068)
250	250 (1724)	250 (1724)	125 (862)	500 (3447)	375 (2586)
335	335 (2310)	335 (2310)	168 (1158)	670 (4620)	503 (3468)2

Table 4 – Working Pressure, psi (kPa)⁽³⁾

Sustained Operating Temperature		Class 200	Class 250	Class 335
°F	°C			
≤73	≤23	200 (1379)	250 (1724)	335 (2310)
80	27	192 (1324)	240 (1655)	320 (2206)
90	32	180 (1241)	225 (1551)	300 (2068)
100	38	168 (1158)	210 (1448)	280 (1931)
110	43	156 (1076)	195 (1345)	260 (1793)
120	49	146 (1007)	183 (1262)	243 (1675)
130	54	136 (938)	170 (1172)	227 (1565)
140	60	126 (869)	158 (1090)	210 (1448)

Table 5 – Allowable Water Flow Velocity for WL Plastics PE4710 FM Approved Pipe

Class	Allowable Sudden Velocity Change ⁽¹⁾				Surge Pressure PSI for 1ft/s	Surge Pressure PSI for 1ft/s
	Velocity Change		Velocity Change		Velocity Change	Velocity Change
	(ft/s)	(m/s)	(ft/s)	(m/s)		
200	7.0	2.1	14.0	4.3	14.4	326
250	7.7	2.4	15.4	4.7	16.2	366
335	8.9	2.7	17.7	5.4	18.9	428

SMOOTHWALL CONDUIT SIZES-SDR SIZE



Pipe Size ^A	AVG O.D. (in)	SDR ^D	SDR PRODUCT DIMENSIONS						
			7	9	11				
3/4"	1.050"	Min Wall, (in)	0.150"	0.117"	0.095"				
		Avg ID ^C , (in)	0.732"	0.803"	0.848"				
		Weight, (lb/ft)	0.187"	0.148"	0.124"				
1"	1.315"	Min Wall, (in)	0.188"	0.146"	0.120"				
		Avg ID ^C , (in)	0.917"	1.005"	1.062"				
		Weight, (lb/ft)	0.288"	0.232"	0.195"				
1-1/4"	1.660"	Min Wall, (in)	0.237"	0.184"	0.151"				
		Avg ID ^C , (in)	1.157"	1.269"	1.340"				
		Weight, (lb/ft)	0.459"	0.369"	0.310"				
1-1/2"	1.900"	Min Wall, (in)	0.271"	0.211"	0.173"				
		Avg ID ^C , (in)	1.325"	1.452"	1.534"				
		Weight, (lb/ft)	0.600"	0.485"	0.406"	13.5	*15.5	*17	
2"	2.375"	Min Wall, (in)	0.339"	0.264"	0.216"	0.176"	0.153"	0.140"	
		Avg ID ^C , (in)	1.656"	1.816"	1.917"	2.002"	2.050"	2.079"	
		Weight, (lb/ft)	0.939"	0.758"	0.634"	0.526"	0.462"	0.425"	
2.5"	2.875"	Min Wall, (in)	0.411"	0.319"	0.261"	0.213"	0.226"	0.140"	
		Avg ID ^C , (in)	2.004"	2.198"	2.321"	2.424"	3.021"	2.079"	
		Weight, (lb/ft)	1.377"	1.109"	0.928"	0.771"	1.006"	0.425"	*21
3"	3.500"	Min Wall, (in)	0.500"	0.389"	0.318"	0.259"	0.226"	0.206"	0.167"
		Avg ID ^C , (in)	2.440"	2.676"	2.825"	2.950"	3.021"	3.064"	3.147"
		Weight, (lb/ft)	2.040"	1.646"	1.376"	1.141"	1.006"	0.923"	0.757"
4"	4.500"	Min Wall, (in)	0.643"	0.500"	0.409"	0.333"	0.290"	0.265"	0.214"
		Avg ID ^C , (in)	3.137"	3.440"	3.633"	3.793"	3.885"	3.393"	4.046"
		Weight, (lb/ft)	3.372"	2.720"	2.275"	1.887"	1.660"	1.526"	1.247"
5"	5.563"	Min Wall, (in)	0.795"	0.618"	0.506"	0.412"	0.359"	0.327"	0.265"
		Avg ID ^C , (in)	3.878"	4.253"	4.491"	4.689"	4.802"	4.869"	5.001"
		Weight, (lb/ft)	5.154"	4.156"	3.479"	2.886"	2.540"	2.238"	1.909"
6"	6.625"	Min Wall, (in)	0.946"	0.736"	0.602"	0.491"	0.427"	0.390"	0.315"
		Avg ID ^C , (in)	4.619"	5.064"	5.348"	5.585"	5.719"	5.799"	5.956"
		Weight, (lb/ft)	7.305"	5.894"	4.930"	4.095"	3.599"	3.307"	2.703"
*8"	8.625"	Min Wall, (in)	1.232"	0.958"	0.784"	0.639"	0.556"	0.507"	0.411"
		Avg ID ^C , (in)	6.013"	6.593"	6.963"	7.271"	7.445"	7.549"	7.754"
		Weight, (lb/ft)	12.385"	9.988"	8.359"	6.939"	6.100"	5.597"	4.591"
*10"	10.750"	Min Wall, (in)	1.526"	1.194"	0.977"	0.796"	0.694"	0.632"	0.512"
		Avg ID ^C , (in)	7.494"	8.218"	8.678"	9.062"	9.280"	9.409"	9.665"
		Weight, (lb/ft)	19.245"	15.515"	12.983"	10.774"	9.490"	8.695"	7.128"
*12"	12.750"	Min Wall, (in)	1.821"	1.417"	1.159"	0.944"	0.823"	0.750"	0.607"
		Avg ID ^C , (in)	8.889"	9.747"	10.293"	10.748"	11.006"	11.260"	11.463"
		Weight, (lb/ft)	27.062"	21.837"	18.267"	15.155"	13.348"	12.238"	10.023"

**Products greater than 6" in diameter, Schedule 40 products greater than 3" in diameter, and all SDR 15.5 and SDR 17 products are available in stick lengths only. WL offers these products in stick lengths to ensure product quality and limit pipe ovality.*

SMOOTHWALL CONDUIT SIZES-SCHEDULE 40 & 80, SIDR 11.5



SCHEDULE PRODUCT DIMENSIONS				
IPS Size ^A	AVG O.D. (in)	Schedule ^B	40	80
3/4"	1.050"	Min Wall, (in)	0.113"	
		Avg ID ^C , (in)	0.81"	
		Weight, (lb/ft)	0.144"	
1"	1.315"	Min Wall, (in)	0.133"	0.179"
		Avg ID ^C , (in)	1.033"	0.936"
		Weight, (lb/ft)	0.214"	0.277"
1-1/4"	1.660"	Min Wall, (in)	0.14"	0.191"
		Avg ID ^C , (in)	1.363"	1.255"
		Weight, (lb/ft)	0.289"	0.382"
1-1/2"	1.900"	Min Wall, (in)	0.145"	0.200"
		Avg ID ^C , (in)	1.593"	1.476"
		Weight, (lb/ft)	0.346"	0.462"
2"	2.375"	Min Wall, (in)	0.339"	0.218"
		Avg ID ^C , (in)	1.54"	1.913"
		Weight, (lb/ft)	2.049"	0.6398"
3"	2.875"	Min Wall, (in)	0.216"	0.300"
		Avg ID ^C , (in)	3.042"	2.864"
		Weight, (lb/ft)	0.965"	1.305"
4"	3.500"	Min Wall, (in)	0.237"	0.337"
		Avg ID ^C , (in)	3.998"	3.786"
		Weight, (lb/ft)	1.374"	1.908"
6"	4.500"	Min Wall, (in)		0.0432"
		Avg ID ^C , (in)		5.709"
		Weight, (lb/ft)		3.638"

SIDR PRODUCT DIMENSIONS			
IPS Size ^A	AVG O.D. (in)	SIDR ^B	11.5
1"	1.049"	Min Wall, (in)	0.091"
		Wall Tolerance (in)	0.020"
		Avg ID ^C , (in)	1.246"
		Weight, (lb/ft)	0.143"
1-1/4"	1.380"	Min Wall, (in)	0.120"
		Wall Tolerance (in)	0.020"
		Avg ID ^C , (in)	1.635"
		Weight, (lb/ft)	0.247"
2"	2.067"	Min Wall, (in)	0.180"
		Wall Tolerance (in)	0.022"
		Avg ID ^C , (in)	2.447"
		Weight, (lb/ft)	0.555"
4"	4.026"	Min Wall, (in)	0.350"
		Wall Tolerance (in)	0.042"
		Avg ID ^C , (in)	4.768"
		Weight, (lb/ft)	2.103"
6"	6.056"	Min Wall, (in)	0.527"
		Wall Tolerance (in)	0.063"
		Avg ID ^C , (in)	7.183"
		Weight, (lb/ft)	4.770"



Contact Customer Service to Confirm Availability and for sizes and DR's not shown.

- A.** Conduit pipe sizes/diameters per ASTM F2160
- B.** SDR (Standard Dimension Ratio) Schedules SIDR (Standard Inside Dimensions Ratio) per ASTM F210.
- C.** Calculated Avg O.D. - (2.12 x min wall). Pipe I.D. is approximate, and not a specification dimension. All dimensions in inches.
- D.** The information in this publications does not constitute a guarantee for warranty for piping installations and cannot be guaranteed because the conditions of use are beyond WL Plastics control. See WL125 Terms and Conditions of Sale. The user of this publication may occur from time to time without notice.

SMOOTHWALL

HDPE CONDUIT

- Manufactured from flexible HDPE, makes gradual bends without special equipment
- Continuous lengths reduce joining costs
- Excellent low temperature properties, allows installation in cold climates
- Outstanding long term cable protection from shifting ground, rock and root impingement
- Provides a permanent pathway, simplifies future cable repairs or replacement

Installation Types	Size Range Available			Wall types	
Aerial	1/2"	2"	6"	SDR 9	SCH 40
Subdivided Conduit	3/4"	2-1/2"	8"	SDR 11	SCH 80
Plow	1"	3"	10"	SDR 13.5	SCH 9
Trench	1-1/4"	4"	12"	SDR 15.5	SCH11
Tray	1-1/2"	5"		SDR 17	
Direct Burial					



STANDARD COLORS



Custom colors with optional stripes available

Features - Standard

Material	Manufactured from flexible HDPE (High Density Polyethylene).
Specifications	Conduit dimensions meet or exceed the requirements of ASTM F-2160 for the wall type selected. The black inner wall has a minimum of 2% carbon black per condition C of ASTM D-3350. Co-extruded Color Layer has UV stabilizers and antioxidants per condition E of ASTM D-3550.
Conduit Marketing	Permanent marking along conduit includes: material, relevant standards, production info, and sequential feet or meter markings. Custom options available.

Options

Pre-Installed Tape	Factory pre-installed Bull-Line™ Pull Tape with Even-Load™ ensures extra slack at any access point throughout the reel. Available 500 lb-6,000 lb tensile strength.
Pre-Installed Cable	Cable can be factory pre-installed in conduit
UV Protectant	Available for UV exposure applications (Aerial, Lashed, or External Tray).

CO-EXTRUDED

HDPE CONDUIT

- Outer color layer utilizes color coding to provide visual utility or end use conduit identification
- Color layer provides a full exterior color appearance and is made from the same HDPE as the inner wall, performance properties are unaffected
- Color fastness and UV protection performance for co-extruded conduit are equal to full wall colors and is suitable for storage outdoors for up to one year
- The black inner wall has a minimum of 2% carbon black per condition C of ASTM D-3550
- Co-extruded color layer has UV stabilizers and antioxidants per condition E of ASTM D-3550

Installation Types	Size Range Available			Wall types	
Subdivided Conduit	1"	2"	4"	SDR 9	SDR 17
Directional Bore	1-1/4"	2-1/2"	5"	SDR 11	SCH 40
Blow	1-1/2"	3"	6"	SDR 13.5	SCH 80
Tray				SDR 15.5	



STANDARD COLORS



Custom colors with optional stripes available

Features - Standard

Material	Manufactured from flexible HDPE (High Density Polyethylene).
Specifications	Conduit dimensions meet or exceed the requirements of ASTM F-2160 for the wall type selected. The black inner wall has a minimum of 2% carbon black per condition C of ASTM D-3350. Co-extruded Color Layer has UV stabilizers and antioxidants per condition E of ASTM D-3550.
Conduit Marketing	Permanent marking along conduit includes: material, relevant standards, production info, and sequential feet or meter markings. Custom options available.

Options

Pre-Installed Tape	Factory pre-installed Bull-Line™ Pull Tape with Even-Load™ ensures extra slack at any access point throughout the reel. Available 500 lb-6,000 lb tensile strength.
Pre-Installed Cable	Cable can be factory pre-installed in conduit



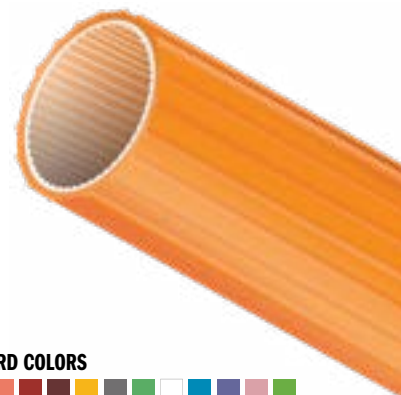
RIBBED IN/OUT

HDPE CONDUIT

- Manufactured from flexible HDPE, makes gradual bends without special equipment
- External ribs help reduce spiraling during duct installation and installation forces when installed into conduit
- Internal ribs reduce the coefficient of friction during cable placement
- Continuous lengths reduce joining costs
- Excellent low temperature properties, allows installation in cold climates
- Outstanding long term cable protection from shifting ground, rock and root impingement
- Provides permanent pathway, simplifies future cable repairs or replacement



Installation Types	Size Range Available			Wall types
Aerial	1"	1-1/4"	1-1/2"	True SDR 9
Subdivided Conduit				
Plow				
Trench				
Tray				



STANDARD COLORS



Features - Standard

Material	Manufactured from flexible HDPE (High Density Polyethylene).
Specifications	All Ribbed In/Ribbed Out conduit dimensions meet or exceed one or more of the following: ASTM F-2160, ASTM D3550.
Conduit Marketing	Permanent marking along conduit includes: material, relevant standards, production info, and sequential feet or meter markings. Custom options available.
Options	
Co-Extruded Lining	SILICORE® UIF (Ultra-Low Friction) is co-extruded inside the HDPE wall creating a slick, permanent, interior lining. With a coefficient of friction 60% lower than standard HDPE conduit without the aid of wet lubricants, SILICORE® ULF exhibits no loss in performance over time or in extreme temperature conditions.
Pre-Installed Tape	Factory pre-installed Bull-Line™ Pull Tape with Even-Load™ ensures extra slack at any access point throughout the reel. Available 500 lb-6,000 lb tensile strength
Pre-Installed Cable	Cable can be factory pre-installed in conduit.
UV Protectant	Available for UV exposure applications (Aerial, Lashed, or External Tray).

UL 651A

HDPE CONDUIT

- ETL Listed to UL 651A , used per NEC Article 353
- Manufactured from flexible HDPE, makes gradual bends without special equipment
- Excellent low temperature properties, for better handling in cold climates
- Outstanding ductility and strength, protects cables from shifting ground, rock and root impingement, increasing UG cable life
- Provides a permanent pathway, simplifies future cable repair and replacement

Installation Types	Size Range Available				Wall types
Plow	1/2"	1-1/4"	1-1/2"	5"	EPEC-B/SDR 13.5
Trench	3/4"	2"	3"	6"	EPEC-40/SCH40
	1"	2-1/2"	4"		EPEC-80/SCH 80



STANDARD COLORS



STRIPE COLORS



Features - Standard

Material	Manufactured from flexible HDPE (High Density Polyethylene).
Specifications	All Ribbed In/Ribbed Out conduit dimensions meet or exceed one or more of the following: ASTM F-2160, ASTM D3550.
Conduit Marketing	Permanent marking along conduit includes: material, relevant standards, production info, and sequential feet or meter markings. Custom options available.
UV Protectant	Added UV stabilization package

Options

Co-Extruded Lining	SILICORE® UIF (Ultra-Low Friction) is co-extruded inside the HDPE wall creating a slick, permanent, interior lining. With a coefficient of friction 60% lower than standard HDPE conduit without the aid of wet lubricants, SILICORE® ULF exhibits no loss in performance over time or in extreme temperature conditions.
Pre-Installed Tape	Factory pre-installed Bull-Line™ Pull Tape with Even-Load™ ensures extra slack at any access point throughout the reel. Available 500 lb-6,000 lb tensile strength
Pre-Installed Cable	Cable can be factory pre-installed in conduit.

SMOOTH OUT/RIBBED IN HDPE CONDUIT

- Manufactured from flexible HDPE, makes gradual bends without special equipment
- Internal longitudinal ribbing reduces friction during cable placement
- Continuous lengths reduce joining costs
- Excellent low temperature properties, allows installation in cold climates
- Outstanding long term cable protection from shifting ground, rock and root impingement
- Provides a permanent pathway, simplifies future cable repairs or replacement



Installation Types	Size Range Available			Wall types	
Aerial	1"	2"	4"	SDR 9	SDR 17
Trench	1-1/4"	2-1/2"	5"	SDR 11	SCH 40
Subdivided Conduit	1-1/2"	3"	6"	SDR 13.5	SCH 80
Directional Bore				SDR 15.5	
Plow					
Tray					

STANDARD COLORS



Custom colors with optional stripes available


Features - Standard

Material	Manufactured from flexible HDPE (High Density Polyethylene).
Specifications	All Smooth Out/Ribbed In conduit dimensions meet or exceed one or more of the following: ASTM F-2160, ASTM D-3550, ASTM D-3485, Nema TC-7, UL 1990, Bellcore GR-356
Conduit Marketing	Permanent marking along conduit includes: material, relevant standards, production info, and sequential feet or meter markings. Custom options available.
Options	
Co-Extruded Lining	SILICORE® ULF (Ultra-Low Friction) is co-extruded inside the HDPE wall creating a slick, permanent, interior lining. With a coefficient of friction 60% lower than standard HDPE conduit without the aid of lubricants, SILICORE® ULF exhibits no loss in performance over time or in extreme temperature conditions.
Pre-Installed Tape	Factory pre-installed Bull-Line™ Pull Tape with Even-Load™ ensures extra slack at any access point throughout the reel. Available 500 lb-6,000 lb tensile strength.
Pre-Installed Cable	Cable can be factory pre-installed in conduit
UV Protectant	Available for UV exposure applications (Aerial, Lashed, or External Tray).

CORRUGATED HDPE CONDUIT

- Manufactured from flexible HDPE
- Rugged corrugated design is flexible and lightweight, yet provides excellent crush resistance
- Outstanding long term cable protection from shifting ground, rock and root impingement
- Provides a permanent pathway, simplifies future cable repairs or replacement
- Factory pre-installed Bull Line™ with EVEN-LOAD™, ensures extra slack at my access point throughout the reel. Available 500 lb-6,000 lb tensile strength or locatable



Installation Types	Size Range Available	STANDARD COLORS
Existing Conduit	1" 1-1/2"	
Short Runs	1-1/4" 2"	Custom colors with optional stripes available

Features - Standard

Material	Manufactured from flexible HDPE (High Density Polyethylene).
Specifications	All Corrugated conduit dimensions meet or exceed ASTM D-3350
Conduit Marketing	Permanent marking along conduit includes: material, relevant standards, production info, and sequential feet or meter markings. Custom options available.
Options	
Pre-Installed Tape	Factory pre-installed Bull-Line™ Pull Tape with Even-Load™ ensures extra slack at any access point throughout the reel. Available 500 lb-6,000 lb tensile strength.
UV Protectant	Available for UV exposure applications (above ground)

NEMA TC7 HDPE CONDUIT

- Meets all standards as outlined in the Polymer Raceway Products Section of NEMA TC-7 in-regards to electrical cable installation
- Manufactured from flexible HDPE, makes gradual bends without special equipment
- Continuous lengths reduce joining costs
- Excellent low temperature properties, allows installation in cold climates
- Outstanding long term cable protection from shifting ground, rock and root impingement
- Provides a permanent pathway, simplifies future cable repairs or replacement

Installation Types	Size Range Available			Wall types	
Aerial	1/2"	1-1/2"	4"	EPEC-11	SDR 11
Trench	3/4"	2"	5"	EPEC-13.5	SDR 13.5
Subdivided Conduit	1"	2-1/2"	6"	EPEC-17	SDR 17
Directional Bore	1-1/4"	3"	8"	EPEC-40	SCH 40
Plow				EPC-80	SCH 80
Tray					



STANDARD COLORS



Custom colors with optional stripes available

Features - Standard

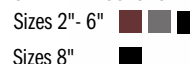
Material	Manufactured from flexible HDPE (High Density Polyethylene).
Specifications	All Smooth Out/Ribbed In conduit dimensions meet or exceed one or more of the following: ASTM F-2160, ASTM D-3550, ASTM D-3485, Nema TC-7, UL 1990, Bellcore GR-356
Conduit Marketing	Permanent marking along conduit includes: material, relevant standards, production info, and sequential feet or meter markings. Custom options available.
Options	
Co-Extruded Lining	SILICORE® ULF (Ultra-Low Friction) is co-extruded inside the HDPE wall creating a slick, permanent, interior lining. With a coefficient of friction 60% lower than standard HDPE conduit without the aid of lubricants, SILICORE® ULF exhibits no loss in performance over time or in extreme temperature conditions.
Pre-Installed Tape	Factory pre-installed Bull-Line™ Pull Tape with Even-Load™ ensures extra slack at any access point throughout the reel. Available 500 lb-6,000 lb tensile strength.
Pre-Installed Cable	Cable can be factory pre-installed in conduit
UV Protectant	Available for UV exposure applications (Aerial, Lashed, or External Tray).

HDPE STICK HDPE CONDUIT

- Manufactured from flexible HDPE, makes gradual bends without special equipment
- HDPE Sticks can be joined with a mechanical coupler based on size and applications (Shur-Lock II, Push-Lock, E-Lock, or Split-Lock +) or joined with but fusion
- Excellent low temperature properties, allows installation in cold climates
- Outstanding long term cable protection from shifting ground, rock and root impingement
- Provides a permanent pathway, simplifies future cable repairs or replacement



STANDARD COLORS



Sizes 8"

Features - Standard

Material	Manufactured from flexible HDPE (High Density Polyethylene).
Specifications	All Smooth Out/Ribbed In conduit dimensions meet or exceed one or more of the following: ASTM F-2160, ASTM D-3550, ASTM D-3485, Nema TC-7, UL 1990, Bellcore GR-356
Conduit Marketing	Permanent marking along conduit includes: material, relevant standards, production info, and sequential feet or meter markings. Custom options available.
Options	
Co-Extruded Lining	SILICORE® ULF (Ultra-Low Friction) is co-extruded inside the HDPE wall creating a slick, permanent, interior lining. With a coefficient of friction 60% lower than standard HDPE conduit without the aid of lubricants, SILICORE® ULF exhibits no loss in performance over time or in extreme temperature conditions.
UV Protectant	Available for UV exposure applications (above ground)

FUTUREPATH

MICRO TECHNOLOGY

- Micro Ducts factory bundled with a polyethylene oversheath
- Multiple pathways for one installation cost, allows flexibility and future growth
- No special tools or equipment needed; installation uses the same traditional conduit or innerduct
- Multiple configurations available



Installation Types		Configurations		
Subdivided Conduit	MicroTrench	2-way	7-way	12-way
Directional Boring	Plow	3-way	8-way	19-way
Overrides	Tray	4-way	10-way	24-way

OVERSHEATH & Micro Duct COLORS



Features - Standard

Specifications/Details	Future Path is a unit of bundled Micro Ducts. Manufactured from flexible HDPE (High Density Polyethylene)
Fill Ratio	Choose the correct Micro Duct size based on the Outer Diameter (O.D.) of desired MicroCable. Dura-Line recommends a fill ratio of 50% to 75% for optimal cable placement performance. Several factors impact jetting distance including the condition of route, bends, and equipment.
Conduit Markings	Permanent marking along FuturePath includes: material, relevant standards, production info, and sequential feet or meter markings. Custom options available
Co-Extruded Lining	SILICORE® ULF (Ultra-Low Friction) is co-extruded inside the HDPE wall creating a slick, permanent, interior lining. With a coefficient of friction 60% lower than standard HDPE conduit without the aid of wet lubricants, SILICORE® ULF exhibits no loss in performance over time or in extreme temperature conditions.
Internal Ribs	Standard (except 3.5 mm I.D. Micro Ducts which are designed with a standard smooth interior)
Locate Wire	Includes 20 AWG insulated copper wire
Rip Cords	For easy opening the oversheath

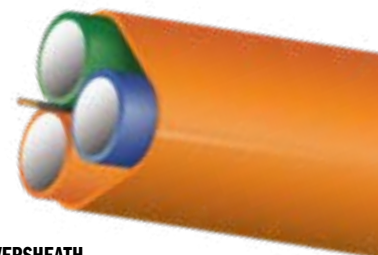
Options

Thicker Oversheath Available in most configurations to meet your needs for more rugged projects

FUTUREPATH JUMBO

MICRO TECHNOLOGY

- FuturePath configuration consisting of 2, 3, & 4 conduits, available in a variety of sizes and wall types
- A perfect choice for customers who would like to plan for future possibilities using larger standard fiber cables for one installation cost
- No special tools or equipment needed: installation uses the same as traditional conduit or innerduct



Installation Types		Configurations	Wall Types	
Plow	Directional Bore	2-way	1" SDR 11	1" SDR 13.5
Trench	Tray	3-way	1-1/4" SDR 11	1-1/4" SDR 13.5
MicroTrench		4-way	1-1/4" True SIDR 11.5	

OVERSHEATH



CONDUIT



Custom Colors Available

Features - Standard

Specifications/Details	Future Path Jumbo is a unit of bundled conduits. Manufactured from flexible HDPE (High Density Polyethylene). All Smoothwall conduit dimensions meet or exceed one or more of the following: ASTM F-2160, ASTM D-3550, ASTM D-3485, NEMA TC-7, UL 651A, UL 1990, Bellcore GR-356.
Fill Ratio	Choose the correct Micro Duct size based on the Outer Diameter (O.D.) of desired MicroCable. Dura-Line recommends a fill ratio of 50% to 75% for optimal cable placement performance. Several factors impact jetting distance including the condition of route, bends, and equipment.
Conduit Markings	Permanent marking along FuturePath includes: material, relevant standards, production info, and sequential feet or meter markings. Custom options available
Co-Extruded Lining	SILICORE® ULF (Ultra-Low Friction) is co-extruded inside the HDPE wall creating a slick, permanent, interior lining. With a coefficient of friction 60% lower than standard HDPE conduit without the aid of wet lubricants, SILICORE® ULF exhibits no loss in performance over time or in extreme temperature conditions.
Locate Wire	Available with or without 20 AWG insulated copper wire
Rip Cords	For easy opening the oversheath

Options

Internal Ribs Internal ribs available upon request



FUTUREPATH LSZH

MICRO TECHNOLOGY

- LSZH: Low Smoke Zero Halogen
- Micro Ducts ETL verified to UL1685-4 and IEC 60754-1
- Very low smoke generation for better visibility
- Designed for use in applications where smoke, toxic fumes, and acidic gas pose a health risk and possible damage to electronic equipment
- Multiple pathways for one installation cost, allows flexibility and future growth
- No special tools or equipment needed; installation uses the same as traditional conduit or innerduct



Installation Types	Configurations			
Confined Spaces	2-way	4-way	12-way	24-way
Interior	3-way	7-way	19-way	

STANDARD COLORS

Chalky White

Features - Standard

Specifications/Details	Future Path is a unit of bundled Micro Ducts. Manufactured from flexible HDPE (High Density Polyethylene)
Fill Ratio	Choose the correct Micro Duct size based on the Outer Diameter (O.D.) of desired MicroCable. Dura-Line recommends a fill ratio of 50% to 75% for optimal cable placement performance. Several factors impact jetting distance including the condition of route, bends, and equipment.
Conduit Markings	Permanent marking along FuturePath includes: material, relevant standards, production info, and sequential feet or meter markings. Custom options available

FUTUREPATH RISER

MICRO TECHNOLOGY

- Designed for installations in risers in accordance with the National Electric Code as well as general purpose applications, including vertical installations in shafts from floor-to-floor
- Ideal for new construction as well as existing apartment, condominium, or office buildings
- Multiple pathways for one installation cost, allows flexibility and future growth
- No special tools or equipment needed; installation uses the same as traditional conduit or innerduct



Installation Types	Configurations			
Confined Spaces	2-way	4-way	12-way	24-way
Interior	3-way	7-way	19-way	

OVERSHEATH & Micro Duct COLORS

Dull Yellow

Features - Standard

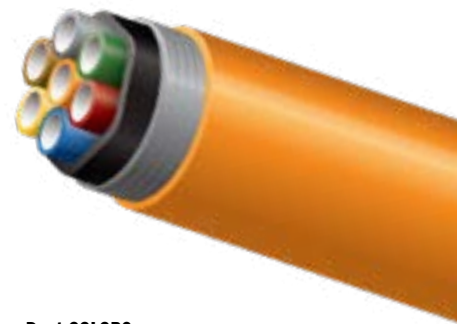
Specifications/Details	Listed to UL-2023 & CSA C22.2 No.262-04 and UL-94 V-2 & CSA FT-4. Ideally suited for Riser applications.
Fill Ratio	Choose the correct Micro Duct size based on the Outer Diameter (O.D.) of desired MicroCable. Dura-Line recommends a fill ratio of 50% to 75% for optimal cable placement performance. Several factors impact jetting distance including the condition of route, bends, and equipment.
Conduit Markings	Permanent marking along FuturePath includes: material, relevant standards, production info, and sequential feet or meter markings. Custom options available.
Internal Ribs	Standard (except 3.5 mm I.D. Micro Ducts which are designed with standard smooth interior).
Rib Cords	For easy opening of the oversheath



FUTUREPATH ARMORED

MICRO TECHNOLOGY

- Micro Ducts factory-bundled in a polyethylene oversheath, encased in Zetabon steel armor for protection in harsh environments or rodent protection
- Superior mechanical protection against rodents, ballistics, crush, chemicals, moisture penetration and ground or soil heave
- Multiple pathways for one installation cost, allows flexibility and future growth
- No special tools or equipment needed; installation uses the same as traditional conduit or innerduct



Installation Types		Configurations	
Plow	Directional Bore	4-way	19-way
Trench	Tray	7-way	

OVERSHEATH & Micro Duct COLORS



Features - Standard

Specifications/Details	FuturePath Armored is a unit of bundled Micro Ducts. Manufactured from flexible HDPE (High Density Polyethylene) with Zetabon steel armor
Fill Ratio	Choose the correct Micro Duct size based on the Outer Diameter (O.D.) of desired MicroCable. Dur-Line recommends a fill ratio of 50% to 75% for optimal cable placement performance. Several factors impact jetting distance including the condition of route, bends, and equipment.
Conduit Markings	Permanent marking along Micro Duct includes: material, relevant standards, production info, and sequential feet or meter markings. Custom options available.
Co-Extruded Lining	SILICORE® is co-extruded with the HDPE jacket creating a slick, permanent, interior lining. With coefficient of friction 60% lower than standard HDPE conduit without the aid of wet lubricants, SILICORE® ULF exhibits no loss in performance over time or in extreme temperature conditions.
Internal Ribs	Standard (except 3.5 mm I.D. which are designed with a standard smooth interior)
Rip Cords	For easy opening of the oversheath

Options

Locate Wire	Includes a 20 AWG insulated copper wire
UV Protectant	Available for UV exposure applications (Aerial, Lashed, or External Tray)

FUTUREPATH HYBRID

MICRO TECHNOLOGY

- FuturePath configuration mixing a popular Micro Duct size with a common Smoothwall duct size
- A perfect choice for customers who need to place MicroCables and larger standard fiber cables at the same time, or would like to plan for future possibilities
- Multiple pathways for one installation cost, allows flexibility and future growth
- No special tools or equipment needed. Installation uses the same as traditional conduit or innerduct



Installation Types		Configurations		
Plow	Directional Bore	2-way	7-way	24-way
Trench	Tray	3-way	12-way	
MicroTrench		4-way	19-way	

OVERSHEATH & Micro Duct COLORS



Features - Standard

Specifications/Details	FuturePath configuration consisting of two or more different sizes of conduit and or Micro Ducts. Manufactured from flexible HDPE (High Density Polyethylene). All Smoothwall conduit dimensions meet or exceed one or more of the following: ASTM F-2160, ASTM D-3350, ASTM D-3485, NEMA TC-7, UL 651A, UL 1990, Bellcore GR-356.
Fill Ratio	Choose the correct Micro Duct size based on the Outer Diameter (O.D.) of desired MicroCable. Dur-Line recommends a fill ratio of 50% to 75% for optimal cable placement performance. Several factors impact jetting distance including the condition of route, bends, and equipment.
Conduit Markings	Permanent marking along Micro Duct includes: material, relevant standards, production info, and sequential feet or meter markings. Custom options available.
Co-Extruded Lining	SILICORE® is co-extruded with the HDPE jacket creating a slick, permanent, interior lining. With coefficient of friction 60% lower than standard HDPE conduit without the aid of wet lubricants, SILICORE® ULF exhibits no loss in performance over time or in extreme temperature conditions.
Internal Ribs	Standard on Micro Ducts, available as an option in the Conduits
Locate Wire	Available with or without a 20 AWG insulated copper wire
Rip Cords	For easy opening of the oversheath

FUTUREPATH PLENUM

MICRO TECHNOLOGY

- Designed for installations in spaces used for environmental air in accordance with the National Electric Code as well as riser and general purpose applications, including inside structure, space above ceilings and below floors
- Ideal for new construction as well as existing apartment, condominium, or office buildings
- Multiple pathways for one installation cost, allows flexibility and future growth
- No special tools or equipment needed; installation uses the same as traditional conduit or innerduct



Installation Types	Configurations		
Interior	2-way	7-way	24-way
Confined Spaces	3-way	12-way	
	4-way	19-way	

STANDARD COLORS
 Opaque White

Features - Standard

Specifications/Details	Listed to UL-2023 & CSA C22.2 No. 262-04 and UL-94 V-2 & CSA FT-6. Ideally suited for Plenum applications
Fill Ratio	Choose the correct Micro Duct size based on the Outer Diameter (O.D.) of desired MicroCable. Dur-Line recommends a fill ratio of 50% to 75% for optimal cable placement performance. Several factors impact jetting distance including the condition of route, bends, and equipment.
Conduit Markings	Permanent marking along Micro Duct includes: material, relevant standards, production info, and sequential feet or meter markings. Custom options available.
Co-Extruded Lining	SILICORE® is co-extruded with the HDPE jacket creating a slick, permanent, interior lining for higher speed cable jetting and longer, easier cable pulls.
Internal Ribs	Standard (except 3.5 mm I.D. which are designed with a standard smooth interior)
Rip Cords	For easy opening of the oversheath

FUTUREPATH FLEX

MICRO TECHNOLOGY

- Micro Ducts joined by a thin web of HDPE, allowing for easy separation and routing of individual ducts
- Flat shape allows installation in narrow slits, saw cuts, direct buried (traditional trenching) or horizontal drilled (bored) applications
- Can be placed vertically, horizontally, or rolled into a round shape for vibratory plow or directional drilling
- Ideal for Micro-Trenching, resulting in reduced soil removal and impact to the right-of-way
- Multiple pathways for one installation cost, allows flexibility and future growth
- No special tools or equipment needed; installation uses the same as traditional conduit or innerduct



Installation Types	Configurations	
Interior	2-way	6-way
Confined Spaces	4-way	8-way
MicroTrench		

OVERSHEATH & Micro Duct COLORS

 Custom Colors Available

Features - Standard


Specifications/Details	FuturePath is a unit of bundled Micro Ducts. Manufactured from flexible HDPE (High Density Polyethylene)
Fill Ratio	Choose the correct Micro Duct size based on the Outer Diameter (O.D.) of desired MicroCable. Dur-Line recommends a fill ratio of 50% to 75% for optimal cable placement performance. Several factors impact jetting distance including the condition of route, bends, and equipment.
Conduit Markings	Permanent marking along Micro Duct includes: material, relevant standards, production info, and sequential feet or meter markings. Custom options available.
Co-Extruded Lining	SILICORE® ULF is co-extruded with the HDPE jacket creating a slick, permanent, interior lining. With coefficient of friction 60% lower than standard HDPE conduit without the aid of wet lubricants, SILICORE® ULF exhibits no loss in performance over time or in extreme temperature conditions.
Internal Ribs	Standard (except 3.5 mm I.D. Which are designed with a standard smooth interior)

FUTUREPATH AERIAL

MICRO TECHNOLOGY

- Multiple pathways for one installation cost, allows flexibility and future growth
- Micro Ducts are factory bundled in a carbon black polyethylene oversheath with antioxidants for maximum UV Protection
- External ribs for easy gripping of lashing wire
- No special tools or equipment needed; installation uses the same traditional conduit or innerduct



Installation Types	Configurations		OVERSHEATH & MICRO DUCT COLORS  Custom Colors Available
Aerial	2-way	4-way	
	3-way	7-way	

Features - Standard


Specifications/Details	FuturePath is a unit of bundled Micro Ducts. Manufactured from flexible HDPE (High Density Polyethylene). The Oversheath is carbon black polyethylene with antioxidants for maximum UV protection
Fill Ratio	Choose the correct Micro Duct size based on the Outer Diameter (O.D.) of desired MicroCable. Dur-Line recommends a fill ratio of 50% to 75% for optimal cable placement performance. Several factors impact jetting distance including the condition of route, bends, and equipment.
Conduit Markings	Permanent marking along Micro Duct includes: material, relevant standards, production info, and sequential feet or meter markings. Custom options available.
Co-Extruded Lining	SILICORE® ULF is co-extruded with the HDPE jacket creating a slick, permanent, interior lining. With coefficient of friction 60% lower than standard HDPE conduit without the aid of wet lubricants, SILICORE® ULF exhibits no loss in performance over time or in extreme temperature conditions.
Internal Ribs	Standard (except 3.5 mm I.D. which are designed with a standard smooth interior)
Rip Cords	For easy opening of the oversheath

MICRO DUCTS FIGURE-8

MICRO TECHNOLOGY

- Figure-8 construction with EHS (Extra High Strength), flooded galvanized support strand for one-step aerial placement
- HDPE with carbon black and antioxidants for maximum UV protection
- Extra high-strength galvanized steel strand utilizes industry standard aerial strand hardware
- Installation uses the same tools & equipment as standard aerial installation practices



Installation Types	Size Range Available O.D./I.D. (mm)		OVERSHEATH & Micro Duct COLORS  Custom Colors Available
Aerial	12.7/10	18/14	

Features - Standard

Specifications/Details	Micro Ducts are smaller diameter conduit, manufactured from flexible HDPE. Supported by an Extra High Strength (EHS) Galvanized steel strand
Fill Ratio	Choose the correct Micro Duct size based on the Outer Diameter (O.D.) of desired MicroCable. Dur-Line recommends a fill ratio of 50% to 75% for optimal cable placement performance. Several factors impact jetting distance including the condition of route, bends, and equipment.
Conduit Markings	Permanent marking along Micro Duct includes: material, relevant standards, production info, and sequential feet or meter markings. Custom options available.
Co-Extruded Lining	SILICORE® is co-extruded with the HDPE jacket creating a slick, permanent, interior lining. SILICORE® ULF exhibits no loss in performance over time or in extreme temperature conditions.
Internal Ribs	Standard (except 3.5 mm I.D. which are designed with a standard smooth interior)

Options

Pre-Installed String	Factory pre-installed Pull String available in Micro Ducts to aid in cable placement.
Pre-Installed Fiber	Fiber cable or cordage can be factory pre-installed in Micro Ducts

MICRO DUCTS PIGGYBACK

MICRO TECHNOLOGY

- Perfect for MDU Applications
- (1) 8.5/6 mm Micro Duct
- (1) RG6 Coax Cable
- Both Micro Duct and Coax Cable can be Riser rated
- Permanent SILICORE® ULF lining to reduce friction and ease drop placement
- Simple installation with both coax and fiber pathway under one sheath



Installation Types	Size Range Available O.D./I.D. (mm)	STANDARD COLORS
Interior	8.5/6	■ Natural
Tray Installations		Custom Colors Available

Features - Standard

Specifications/Details	Can be manufactured from either flexible HDPE or Riser fire retardant materials fully approved by the American ETL (Electrical Testing Laboratories) for Riser applications per UL-2024 and UL-94-V2. Equipped with an RG6 Coax Cable that can be used for powering a low voltage alarm system or other low voltage signal needs.
Fill Ratio	Choose the correct Micro Duct size based on the Outer Diameter (O.D.) of desired MicroCable. Dura-Line recommends a fill ratio of 50% to 75% for optimal cable placement performance. Several factors impact jetting distance including the condition of route, bends, and equipment.
Conduit Markings	Permanent marking along Micro Duct includes: material, relevant standards, production info, and sequential feet or meter markings. Custom options available.
Co-Extruded Lining	SILICORE® is co-extruded with the HDPE jacket creating a slick, permanent, interior lining. SILICORE® ULF exhibits no loss in performance over time or in extreme temperature conditions.
Internal Ribs	Standard (except 3.5 mm I.D. which are designed with a standard smooth interior)
Rip Cords	For easy opening of the oversheath

Options

Pre-Installed String	Factory pre-installed Pull String available in Micro Ducts to aid in cable placement.
Pre-Installed Fiber	Fiber cable or cordage can be factory pre-installed in Micro Ducts

MICRO DUCT LOCATABLE

MICRO TECHNOLOGY

- Locatable Micro Duct drop
- Multiple sizes to accommodate a wide variety of fiber cables from 1.2mm - 11mm O.D. and select flat drops
- Larger sizes to fit pre-connectorized drops
- Ruggedized with oversheath for harsh conditions
- Available in continuous lengths to facilitate placement
- Permanent SILICORE® ULF lining to reduce and ease drop placement



Installation Types	Size Range Available O.D./I.D. (mm)	STANDARD COLORS
Plow Directional Bore	8.5/6 12.7/10 16/12 22/16	■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■
Trench MicroTrench	12.7.8 14/10 18/14 27/20	Custom Colors Available

Features - Standard

Specifications/Details	Micro Ducts are smaller diameter conduit, manufactured from flexible HDPE (High Density Polyethylene) Includes a 20 AWG insulated copper wire
Fill Ratio	Choose the correct Micro Duct size based on the Outer Diameter (O.D.) of desired MicroCable. Dura-Line recommends a fill ration of 50% to 75% for optimal cable placement performance. Several factors impact jetting distance including the condition of route, bends, and equipment.
Conduit Markings	Permanent marking along Micro Duct includes: material, relevant standards, production info, and sequential feet or meter markings. Custom options available.
Co-Extruded Lining	SILICORE® ULF is co-extruded inside the HDPE wall creating a slick, permanent, interior lining. SILICORE® ULF exhibits no loss in performance over time or in extreme temperature conditions.
Internal Ribs	Standard (except 3.5 mm I.D. which are designed with a standard smooth interior)
Rip Cords	For easy opening of the oversheath

Options

Pre-Installed String	Factory pre-installed Pull String available in Micro Ducts to aid in cable placement.
Pre-Installed Fiber	Fiber cable or cordage can be factory pre-installed in Micro Ducts

MICRO DUCTS LSZH

MICRO TECHNOLOGY

- LSZH: Low Smoke Zero Halogen
- Micro Ducts are small, 5mm- 27mm in diameter
- Very low smoke generation for better visibility
- No halogens, safer to use in confined spaces
- Compatible with standard micro couplers and accessories
- Ships on small, easy to handle reels



Installation Types	Size Range Available O.D./I.D. (mm)			
Confined Spaces	5/3.5	12.7/10	18/14	27/20
Interior	8.5/6"	16/13	22/16	

STANDARD COLORS

Chalky White

Features - Standard

Specifications/Details	Low Smoke Zero Halogen is verified by the NRTL (Intertek) to ETL standards UL1685-4 and IEC 60754-1, exhibit excellent properties such as low flame propagation, low smoke generation, zero halogen emissions, and excellent low temperature mechanical properties. ETL VERIFIED UL 1685-4 and IEC 60754-1. 12.7 mm - 27 mm meet IEE-1202 and NFPA-130 requirements.
Fill Ratio	Choose the correct Micro Duct size based on the Outer Diameter (O.D.) of desired MicroCable. Dura-Line recommends a fill ratio of 50% to 75% for optimal cable placement performance. Several factors impact jetting distance including the condition of route, bends, and equipment.
Conduit Markings	Permanent marking along Micro Duct includes: material, relevant standards, production info, and sequential feet or meter markings. Custom options available.
CO-Extruded Lining	No special inner lining
Internal Ribs	Unavailable on Low Smoke Zero Halogen products

MICRO DUCTS RISER

MICRO TECHNOLOGY

- Micro Ducts are small, 5mm - 27mm in diameter
- Available empty, with a single fiber cord (cable), or pull string pre-installed
- Ideal for new construction as well as existing apartment, condominium, or office buildings
- Pre-installed fiber cables provide a substantial cost saving deployment method for FTTX installations with a one-step placement of Micro Ducts and fiber cable
- Dura-Line stocks single fiber (SM) cordage for fast deliveries (Riser and Plenum)
- Ships on small, easy to handle reels
- Complete Installation guides are available, contact Customer Service



Installation Types	Size Range Available O.D./I.D. (mm)			
Confined Spaces	5/3.5	12/10	16/12	18/15
Interior	8.5/6	12.7/10	16/13	22/16
	10/8	14/10	18/14	27/20

STANDARD COLORS



Features - Standard

Specifications/Details	Riser Micro Ducts are made from fire retardant materials which are fully approved by the American ETL (Electrical Testing Laboratories) for Riser applications. ETL LISTED to UL-2024 & CSA C22.2 No. 262-04 and UI-94 V-0 & CSA FT-4
Fill Ratio	Choose the correct Micro Duct size based on the Outer Diameter (O.D.) of desired MicroCable. Dura-Line recommends a fill ratio of 50% to 75% for optimal cable placement performance. Several factors impact jetting distance including the condition of route, bends, and equipment.
Conduit Markings	Permanent marking along Micro Duct includes: material, relevant standards, production info, and sequential feet or meter markings. Custom options available.
CO-Extruded Lining	SILICORE® is co-extruded with the HDPE jacket creating a super slick permanent lining for higher speed cable jetting and longer, easier cable pulls.
Internal Ribs	Standard (except 3.5 mm I.D. which are designed with a standard smooth interior)

Options

Pre-Installed String	Factory pre-installed Pull String available in Micro Ducts to aid in cable placement.
Pre-Installed Fiber	Fiber cable or cordage can be factory pre-installed in Micro Ducts

MICRO DUCTS HDPE

MICRO TECHNOLOGY

- HDPE Micro Ducts available from 5mm O.D. - 27mm O.D.
- Co-extruded with SILICORE® ULF permanent lining to reduce friction on cable installs
- Utilize space in an occupied duct
- Revitalize existing networks with Over-Rides
- Substantially reduce construction costs & deployment time
- Install up to 432 count fiber MicroCables



Installation Types		Size Range Available O.D./I.D. (mm)				
Subdivided Conduit	Trench & MicroTrench	27/20	18/14	16/12	12/10	8/6
Overrides	Tray	22/18	18/10	14/10	10/8	7/3.5
Plow	Directional Bore	22/16	16/13	12.7/10	8.5/6	5/3.5

STANDARD COLORS



Features - Standard

Specifications/Details	Can be manufactured from either flexible HDPE or Riser fire retardant materials fully approved by the American ETL (Electrical Testing Laboratories) for Riser applications per UL-2024 and UL-94-V2. Equipped with an RG6 Coax Cable that can be used for powering a low voltage alarm system or other low voltage signal needs.
Fill Ratio	Choose the correct Micro Duct size based on the Outer Diameter (O.D.) of desired MicroCable. Dur-Line recommends a fill ratio of 50% to 75% for optimal cable placement performance. Several factors impact jetting distance including the condition of route, bends, and equipment.
Conduit Markings	Permanent marking along Micro Duct includes: material, relevant standards, production info, and sequential feet or meter markings. Custom options available.
CO-Extruded Lining	SILICORE® is co-extruded with the HDPE jacket creating a slick, permanent, interior lining. SILICORE® ULF exhibits no loss in performance over time or in extreme temperature conditions.
Internal Ribs	Standard (except 3.5 mm I.D. which are designed with a standard smooth interior)

Options

Pre-Installed String	Factory pre-installed Pull String available in Micro Ducts to aid in cable placement.
Pre-Installed Fiber	Fiber cable or cordage can be factory pre-installed in Micro Ducts



eABF CABLES

MICRO DUCT

eABF cables are designed by AFL to offer the most rugged and reliable enterprise-based blown fiber solution in the market today. The patent pending cable design combines a light-weight, low-drag jacketing system that allows the cable to be blown long distances. The cable series also features additional attributes that set this product above and beyond traditional blown fiber cables. These enhanced features include mechanical strengthening that permits the cable to comply with industry-standard premise interconnect specifications. In addition, the eABF cable series feature flame-resistance characteristics which result in stand-alone riser and plenum rated options suitable for routing outside of the micro-duct system. Because of these mechanical, environmental and optical qualifications, eABF cables can also be installed in third-party, flame-rated duct and pathway systems.

- Flame rating options include:
 - Plenum OFNP per NFPA 262 OFNP
 - Riser OFNR per NFPA NEC 2005 Art 770.51(B)
 - Complies with NFPA/NEC build codes for fire resistance
 - Can be installed in eABF duct or third-party rated duct systems
 - GR-20 Water-blocking reduces risk of moisture migration
 - GR-409-CORE compliant
 - Complete range of single-mode and multi-mode fibers supports 10G, 40G and 100G Ethernet architectures
 - Aramid-strengthened cable core capable of robust tensile load bearing
 - OD compatible with 6 mm ID Micro Ducts for higher density fiber pathway solutions
 - 96-Fiber count fits into 8.5 mm x 6 mm Micro Duct with up to 2,304 fibers per 24-way FuturePath Duct





PINPOINT

SPECIALTY

- A proven, reliable method for locating buried duct
- The PinPoint® AWG locate wire is encased in HDPE providing a corrosion-resistant conductor
- Extremely functional at a wide range of frequencies, compatible with industry standard locating equipment
- No Special tools are required to couple the duct and the PinPoint® wire; standard coupling methods can be utilized



Installation Types	Size Range Available			
Plow	1/2"	1"	1-1/2"	3"
Trench	3/4"	1-1/4"	2"	
Directional Bore				

STANDARD COLORS



Custom Colors Available

Features - Standard

Specifications/Details	Manufactured from flexible HDPE (High Density Polyethylene). Wire is 18 AWG copper clad 30.041 ohm/1,000 ft 68°F
Conduit Markings	Permanent marking along conduit includes: material, relevant standards, production info, and sequential feet or meter markings. Custom options available
Options	
Pre-Installed Tape	Factory pre-installed Bull-Line™ Pull Tape with EVEN-LOAD™ ensures extra slack at any access point throughout the reel. Available 500 lb - 6,000 lb tensile strength or locatable.
Co-Extruded Lining	SILICORE® ULF is co-extruded with the HDPE jacket creating a slick, permanent, interior lining. With coefficient of friction 60% lower than standard HDPE conduit without the aid of wet lubricants, SILICORE® ULF exhibits no loss in performance over time or in extreme temperature conditions.
Internal Ribs	Internal ribs available upon request
UV Protectant	Available for UV exposure applications (Aerial, Lashed, or External Tray)

LOW SMOKE ZERO HALOGEN

SPECIALTY

- LSZH: Low Smoke Zero Halogen
- Very low smoke generation for better visibility
- No halogens, safer to use in confined spaces
- 150 PSI maximum installation pressure
- Compatible with standard couplers and accessories



Installation Types	Size Range Available	Wall Types	STANDARD COLORS
Confined Spaces	1/2" 1"	SCH 40	<input type="checkbox"/> Chalky White
Interior	3/4" 1-1/4"	SDR 13.5	

Features - Standard



Specifications/Details	Low Smoke Zero Halogen No Halogens make it safer to use in confined spaces. ETL verified to UL1685-4, IEC 60754-1, IEEE-1202, NFPA-130
Conduit Markings	Permanent marking along conduit includes: material, relevant standards, production info, and sequential feet or meter markings. Custom options available



CORRUGATED PLENUM

SPECIALTY

- Plenum listed to UL Standards 2024 (CSA FT-6), ideally suited for plenum applications
- Flexible, lightweight and easier to install than metal conduit
- Designed to protect existing cables and facilitate future cable installation or replacement
- When tested to UL2024/UL910 (CSA FT06), Dura-Line's Corrugated Plenum is low-smoke producing and fire resistant as defined by the National Fire Protection Association when rating cables as suitable for use in ducts, plenum spaces

Installation Types	Size Range Available			STANDARD COLORS
Interior	1"	1-1/4"	1-1/2"	 



Features - Standard

Specifications/Details Corrugated Plenum is made from fire retardant materials which are fully ETL approved for Plenum applications per UL-2024/UL-910. ETL LISTED to UL-2024/UL-910 & CSA FT-6

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


Options

Pre-Installed Tape Factory pre-installed Bull-Line™ Pull Tape with EVEN-LOAD™ ensures extra slack at any access point throughout the reel. Available 500 lb - 6,000 lb tensile strength or locatable.

UTILITY GRADE FLEX DUCT

SPECIALTY

- Utility grade PVC flexible duct
- Flexible PVC: eliminates the need for special preformed bends
- Manufactured to SCH 40 sizing specifications
- Glues to standard PVC fittings
- Temperature range: -10 F to 130 F
- Excellent cable protection from ground line to meter/service box
- Available as empty


Installation Types	Size Range Available			STANDARD COLORS
Cable Protection	2.5"	3.0"	4.0"	
Above & Below Ground				



UL FLEX DUCT

SPECIALTY

- Non-metallic, liquid-tight flexible duct
- UL listed for sizes 1/2" - 4" (1660, Type B)
- Sunlight (UV) resistant
- Flexible PVC: eliminates the need for special preformed bends
- Excellent cable protection from ground line to meter/service box
- Used for cable protection and above and below ground installation applications
- UL listed for use in continuous temperatures from 105 C (221 F) Dry, 60 C (140 F) Wet, or 80 C (176 F) Dry, 60 C (140 F) Wet, 70 C (158 F) oil resistant or less
- Use fittings identified for Type B conduit or use fittings for liquid-tight flexible metal conduit
FNMC-B is directly marked on non-metallic fittings that are intended for integral conduit

Installation Types	Size Range Available			STANDARD COLORS
Cable Protection	0.5"	1.25"	4.0"	
Above & Below Ground	0.75"	1.5"		
Ground Installation	1.0"	2.0"		Gray Coils, Empty



ARMOR GUARD®

SPECIALTY

- Conduit protected with flexible, coated steel armor layer
- The corrugated steel armor is coated on both sides with a corrosion-resistant copolymer
- Coated armor is integrally bonded with the HDPE jacket for superior cable protection in rugged environments
- Superior mechanical protection against rodents, ballistics, crush, chemicals, moisture penetration and ground or soil heave



Installation Types	Size Range Available	Wall Types
Plow	1-1/4"	SDR 11
Trench		SDR 13.5
Directional Bore & Tray		SDR 17

STANDARD COLORS



Custom Colors Available

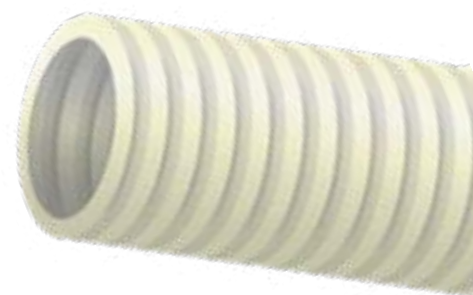
Features - Standard


Specifications/Details	Manufactured from flexible HDPE (High Density Polyethylene). with Zetabon steel armor. Zetabon steel armor is coated with corrosion-resistant copolymer
Conduit Markings	Permanent marking along conduit includes: material, relevant standards, production info, and sequential feet or meter markings. Custom options available
Options	
Pre-Installed Tape	Factory pre-installed Bull-Line™ Pull Tape with EVEN-LOAD™ ensures extra slack at any access point throughout the reel. Available 500 lb - 6,000 lb tensile strength or locatable.
Co-Extruded Lining	SILICORE® ULF is co-extruded with the HDPE jacket creating a slick, permanent, interior lining. With coefficient of friction 60% lower than standard HDPE conduit without the aid of wet lubricants, SILICORE® ULF exhibits no loss in performance over time or in extreme temperature conditions.
Internal Ribs	Internal ribs available upon request
UV Protectant	Available for UV exposure applications (Aerial, Lashed, or External Tray)

CORRUGATED RISER

SPECIALTY

- Riser: UL listed designed for riser applications per NEC articles 770 & 800, UL Standard 2024 and CSA FT-4
- Flexible, lightweight and easier to install than metal conduit
- Designed to protect existing cable and facilitate future cable installation or replacement
- When tested to UL2024/UL910 (CSA FT-4), Dura-Line's Corrugated Riser is low-smoke producing and fire resistant as defined by the National Fire Protection Association when rating cables as suitable for use in ducts, riser spaces



Installation Types	Size Range Available	STANDARD COLORS
Interior	1" 1-1/4"	

Features - Standard

Specifications/Details	Corrugated Riser is made from fire retardant materials which are fully ETL approved for Riser application per UL-2024/UL910
Conduit Markings	Permanent marking along conduit includes: material, relevant standards, production info, and sequential feet or meter markings. Custom options available
Options	
Pre-Installed Tape	Factory pre-installed Bull-Line™ Pull Tape with EVEN-LOAD™ ensures extra slack at any access point throughout the reel. Available 500 lb - 6,000 lb tensile strength or locatable.



SMOOTH-COR FLEX

SPECIALTY

- Flexible: Reduces/eliminates the need for sweeps and bends
- Crush resistant: Equivalent to Schedule 40 PVC
- Lightweight: Easier installation, 40% lighter than PVC
- Compatibility: Safe, quick assembly
- Gasketed: Air and watertight
- Low COF: Longer cable pulls with lower cable stress



Installation Types	Size Range Available
Underground	2.0"
Direct Bury	3.0"
Concrete Encasement	4.0"

STANDARD COLORS
 Outer Walls
 Inner Walls

Features - Standard

Specifications/Details	Manufactured from flexible HDPE (High Density Polyethylene). All Smooth-Cor Flex dimensions meet or exceed one or more of the following: ASTM D-3550, ASTM D-638, ASTM D-792, ASTM D-1238, ASTM D-1693
Conduit Markings	Permanent marking along conduit includes: material, relevant standards, production info, and sequential feet or meter markings. Custom options available
Co-Extruded Lining	SILICORE® ULF is co-extruded with the HDPE jacket creating a slick, permanent, interior lining. With coefficient of friction 60% lower than standard HDPE conduit without the aid of wet lubricants, SILICORE® ULF exhibits no loss in performance over time or in extreme temperature conditions.
Pre-Installed Tape	Factory pre-installed Bull-Line™ Pull Tape with EVEN-LOAD™ ensures extra slack at any access point throughout the reel. Available 500 lb - 6,000 lb tensile strength or locatable.

Options

Packaging Available on steel reels or 250' coils

SPLIT CORRUGATED

SPECIALTY

- Pre-slit design for easy installation over existing cables
- Ships lightweight 250' coils
- Ordered in coils, not feet

Installation Types	Size Range Available
Cover and Protect Existing Cables	0.75" 1-1/4" 2"
Short Runs	1" 1-1/2"

STANDARD COLORS

 Other colors available upon request

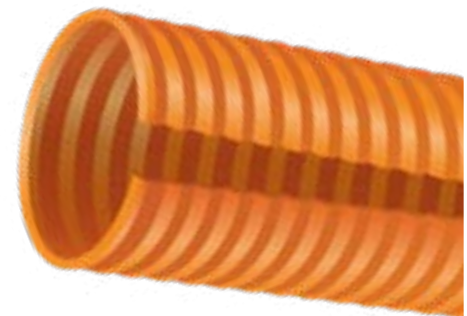


FIGURE-8

SPECIALTY

- Figure-8 construction with EHS (Extra High Strength) flooded galvanized support strand for one-step aerial placement
- HDPE has carbon black and antioxidants for maximum UV protection
- Extra high strength galvanized steel strand utilizes industry standard aerial strand hardware
- Installation uses the same tools and equipment as standard aerial installation practices
- Available with either 1/4" or 3/8" galvanized strand

Installation Types	Size Range Available
Aerial	1-1/4" 1-1/2" 2"

STANDARD COLORS



Features - Standard

Specifications/Details	Manufactured from flexible HDPE (High Density Polyethylene). The Oversheath is carbon black polyethylene with antioxidants for maximum UV protection. EHS (Extra High Strength) Class A Flooded: 3/8" (15,400 lb Safe Working Pull Strength) or 1/4" (6,650 lb Safe Working Pull Strength) EHS Galvanized
Conduit Markings	Permanent marking along conduit includes: material, relevant standards, production info, and sequential feet or meter markings. Custom options available
Options	
Pre-Installed Tape	Factory pre-installed Bull-Line™ Pull Tape with EVEN-LOAD™ ensures extra slack at any access point throughout the reel. Available 500 lb - 6,000 lb tensile strength or locatable.
Co-Extruded Lining	SILICORE® ULF is co-extruded with the HDPE jacket creating a slick, permanent, interior lining. With coefficient of friction 60% lower than standard HDPE conduit without the aid of wet lubricants, SILICORE® ULF exhibits no loss in performance over time or in extreme temperature conditions.

CABLE-IN-CONDUIT (ELECTRIC)

SPECIALTY

- CableCon (Cable-in-Conduit) is available in ranges 3/4" to 2-1/2" diameters
- Manufactured from flexible HDPE, makes gradual bends without special equipment
- Continuous lengths reduce joining costs
- Excellent low temperature properties, allows installation in cold climates
- Outstanding long term cable protection from shifting ground, rock and root impingement
- Provides a permanent pathway, simplifies future repairs or replacement
- Available with UV protectants for aerial/lashed placement
- ETL listed UL standards. Available from 3/4" - 2-1/2" for EPEC 13.5, EPEC 40 & EPEC 80



Installation Types	Size Range Available	Wall Types
Aerial	3/4" 1-1/2"	SDR 11
Overrides	1" 2"	EPEC-B/SDR 13.5
Plow	1-1/4" 2-1/2"	EPEC 40/SCH 40
Direct Burial		EPEC 80/SCH 80

STANDARD COLORS



Custom colors with optional stripes available

Features - Standard

Specifications/Details	Manufactured from flexible HDPE (High Density Polyethylene). All Smoothwall conduit dimensions meet or exceed one or more of the following: ASTM F-2160, ASTM D-3350, ASTM D-3485, NEMA TC-7, UL 651A, UL 1990, Bellcore GR-356, and CSA C22.2 #327-18
Conduit Markings	Permanent marking along conduit includes: material, relevant standards, production info, and sequential feet or meter markings. Custom options available
Options	
Co-Extruded Lining	SILICORE® ULF is co-extruded with the HDPE jacket creating a slick, permanent, interior lining. With coefficient of friction 60% lower than standard HDPE conduit without the aid of wet lubricants, SILICORE® ULF exhibits no loss in performance over time or in extreme temperature conditions.
Pre-Installed Cable	Single or multiple cables may be pre-installed. Typical cable components are: Service Drops, Fiber, Coaxial, 600 Volt Al, 600 Volt Cu, Medium Voltage. Custom Options Available
UV Protectant	Available for UV exposure applications (Aerial, Lashed, or External Tray)

CABLE-IN-CONDUIT (IRRIGATION)

SPECIALTY

- CableCon (Cable-in-Conduit) is available in ranges 3/4" to 3" diameters
- Designed for irrigation control
- Manufactured from flexible HDPE, makes gradual bends without special equipment
- Continuous lengths reduce joining costs
- Excellent low temperature properties, allows installation in cold climates
- ETL listed to UL Standards. Available from 3/4" - 3" for SCH 40
- Provides a permanent pathway, simplifies future cable repairs or replacement

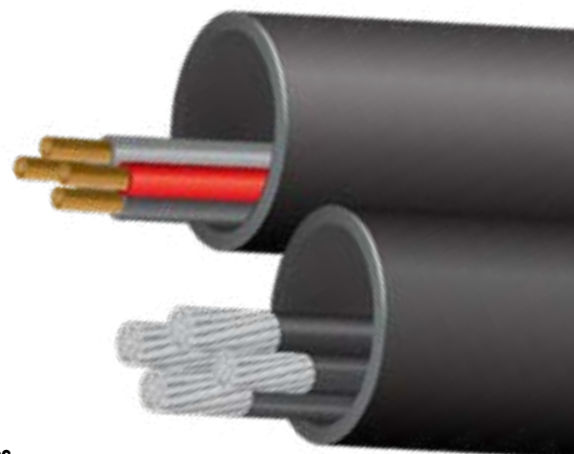
Installation Types	Size Range Available	Wall Types
Trench	3/4" 1-1/2" 3"	TC-7/SDR 17
Plow	1" 2"	UL SCH 40
	1-1/4" 2-1/2"	

STANDARD COLORS



Features - Standard

Specifications/Details	Manufactured from flexible HDPE (High Density Polyethylene). All Smoothwall conduit dimensions meet or exceed one or more of the following: ASTM F-2160, ASTM D-3350, ASTM D-3485, NEMA TC-7, UL 651A, UL 1990, Bellcore GR-356, and CSA C22.2 #327-18
Conduit Markings	Permanent marking along conduit includes: material, relevant standards, production info, and sequential feet or meter markings. Custom options available
Options	
Co-Extruded Lining	SILICORE® ULF is co-extruded with the HDPE jacket creating a slick, permanent, interior lining. With coefficient of friction 60% lower than standard HDPE conduit without the aid of wet lubricants, SILICORE® ULF exhibits no loss in performance over time or in extreme temperature conditions.
Pre-Installed Cable	Single or multiple cables may be pre-installed. Typical cable components are: Service Drops, Fiber, Coaxial, 600 Volt Al, 600 Volt Cu, Medium Voltage. Custom Options Available



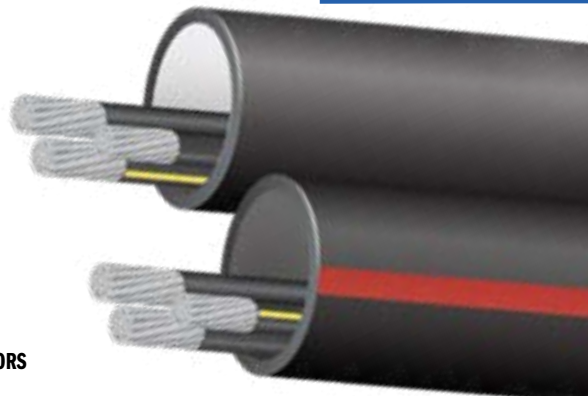
CABLE-IN-CONDUIT (UL1990)

SPECIALTY

- CableCon (Cable-in-Conduit) is available in ranges 1/2" to 4" diameters
- Manufactured from flexible HDPE, makes gradual bends without special equipment
- Continuous lengths reduce joining costs
- Excellent low temperature properties, allows installation in cold climates
- Outstanding long term cable protection from shifting ground, rock and root impingement
- Provides a permanent pathway, simplifies future cable repairs or replacement

Installation Types	Size Range Available			Wall Types
Directional Burial	1/2"	1-1/4"	2-1/2"	EPEC B/SDR 13.5
	3/4"	1-1/2"	3"	EPEC 40/SCH40
	1"	2"	4"	EPEC 80/SCH80

STANDARD COLORS

Features - Standard

Specifications/Details	Manufactured from flexible HDPE (High Density Polyethylene). All Smoothwall conduit dimensions meet or exceed one or more of the following: ASTM F-2160, ASTM D-3350, ASTM D-3485, NEMA TC-7, UL 651A, UL 1990, Bellcore GR-356, and CSA C22.2 #327-18
Conduit Markings	Permanent marking along conduit includes: material, relevant standards, production info, and sequential feet or meter markings. Custom options available
Options	
Co-Extruded Lining	SILICORE® ULF is co-extruded with the HDPE jacket creating a slick, permanent, interior lining. With coefficient of friction 60% lower than standard HDPE conduit without the aid of wet lubricants, SILICORE® ULF exhibits no loss in performance over time or in extreme temperature conditions.
Pre-Installed Cable	Single or multiple cables may be pre-installed. Typical cable components are: Service Drops, Fiber, Coaxial, 600 Volt Al, 600 Volt Cu, Medium Voltage. Custom Options Available

CABLE-IN-CONDUIT (COMMUNICATION)

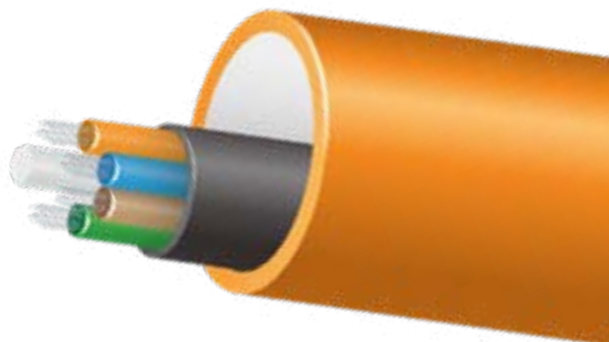
SPECIALTY

- CableCon (Cable-in-Conduit) is available in 13mm CATV and in ranges 1/2" to 2" diameters
- Manufactured from flexible HDPE, makes gradual bends without special equipment
- Continuous lengths reduce joining costs
- Excellent low temperature properties, allows installation in cold climates
- Outstanding long term cable protection from shifting ground, rock and root impingement
- Provides a permanent pathway, simplifies future repairs or replacement
- Available with UV protectants for aerial/lashed placement
- ETL listed UL standards. Available from 13mm - 2" for EPEC 13.5, EPEC 40 & EPEC 80

Installation Types	Size Range Available		Wall Types
Aerial	16/13mm	1-1/4"	SDR 11
Overrides	1/2"	1-1/2"	EPEC-B/SDR 13.5
Plow	3/4"	2"	EPEC 40/SCH 40
Direct Burial	1"		EPEC 80/SCH 80

STANDARD COLORS


 Custom colors with optional stripes available



Features - Standard

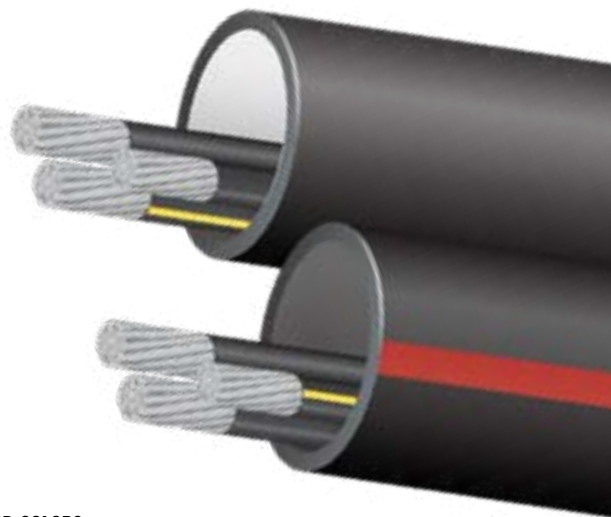
Specifications/Details	Manufactured from flexible HDPE (High Density Polyethylene). All Smoothwall conduit dimensions meet or exceed one or more of the following: ASTM F-2160, ASTM D-3350, ASTM D-3485, NEMA TC-7, UL 651A, UL 1990, Bellcore GR-356, and CSA C22.2 #327-18
Conduit Markings	Permanent marking along conduit includes: material, relevant standards, production info, and sequential feet or meter markings. Custom options available
Options	
Co-Extruded Lining	SILICORE® ULF is co-extruded with the HDPE jacket creating a slick, permanent, interior lining. With coefficient of friction 60% lower than standard HDPE conduit without the aid of wet lubricants, SILICORE® ULF exhibits no loss in performance over time or in extreme temperature conditions.
Pre-Installed Cable	Single or multiple cables may be pre-installed. Typical cable components are: Service Drops, Fiber, Coaxial, 600 Volt Al, 600 Volt Cu, Medium Voltage. Custom Options Available
UV Protectant	Available for UV exposure applications (Aerial, Lashed, or External Tray)



CABLE-IN-CONDUIT (NEMA TC7)

SPECIALTY

- CableCon (Cable-in-Conduit) is available in ranges 1/2" to 6" diameters
- Manufactured from flexible HDPE, makes gradual bends without special equipment
- Continuous lengths reduce joining costs
- Excellent low temperature properties, allows installation in cold climates
- Outstanding long term cable protection from shifting ground, rock and root impingement
- Provides a permanent pathway, simplifies future repairs or replacement
- Available with UV protectants for aerial/lashed placement



Installation Types	Size Range Available			Wall Types
Aerial	1/2"	1-1/2"	4"	EPEC-A/SDR 17
Overrides	3/4"	2"	5"	EPEC-B/SDR 13.5
Plow	1"	2-1/2"	6"	EPEC 40/SCH 40
Direct Burial	1-1/4"	3"		EPEC 80/SCH 80
Directional Bore				

STANDARD COLORS



Custom colors with optional stripes available

Features - Standard

Specifications/Details Manufactured from flexible HDPE (High Density Polyethylene). All Smoothwall conduit dimensions meet or exceed one or more of the following: ASTM F-2160, ASTM D-3350, ASTM D-3485, NEMA TC-7, UL 651A, UL 1990, Bellcore GR-356, and CSA C22.2 #327-18

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

Options

Co-Extruded Lining SILICORE® ULF is co-extruded with the HDPE jacket creating a slick, permanent, interior lining. With coefficient of friction 60% lower than standard HDPE conduit without the aid of wet lubricants, SILICORE® ULF exhibits no loss in performance over time or in extreme temperature conditions.

Pre-Installed Cable Single or multiple cables may be pre-installed. Typical cable components are: Service Drops, Fiber, Coaxial, 600 Volt AI, 600 Volt Cu, Medium Voltage. Custom Options Available

UV Protectant Available for UV exposure applications (Aerial, Lashed, or External Tray)







SPLIT-LOCK + COUPLERS

The Split-Lock + is a split coupler produced from a glass fiber reinforced nylon resin. The coupler is heat and UV stabilized, and offers excellent impact strength. It's reusable and is ideal for temporarily coupling conduits, particularly at slack-loop locations, and also for air-assisted jetting applications. The coupler is easily assembled using a 7/16" nut driver.

- No special tools required
- Reusable - can install with cable inside
- Heat and UV stabilized
- Fungus and chemical resistant
- Air and water-tight
- No I.D. reduction
- Not recommended for plow chute
- Meets UL 514B pullout requirements
- ETL listed to UL STD 514B and CSA C22.2 18.3



Part No.	Description		Qty Per Case
20003907	Split-Lock + Coupler 1.00" SDR		10
20003908	Split-Lock + Coupler 1.25" SDR		10
20003909	Split-Lock + Coupler 1.50" SDR		10
20003910	Split-Lock + Coupler 2.00" SDR		10












SHUR-LOCK II


COUPLERS

Shur-Lock II is a plastic coupler designed for coupling HDPE & PVC conduit. Can also be used to couple dissimilar conduits such as HDPE to PVC, threaded or non-threaded metal conduit, or fiberglass (FRP) conduit. The coupler features stainless steel band clamps (hand tightened using a 5/16" nut driver) and locking ring. A pre-lubricated O-ring forms an air-tight seal to withstand 125 PSI on 1" - 3" sizes. Also a specialized coupler for use by electrical installers requiring ETL/UL listing.

- One person installation
- Re-enterable, no special tools required
- Air-tight and water-tight
- No I.D. reduction
- No-Stop version available for confined areas or repairs (*NS)
- Excellent pull out strength on HDPE, PVC, FRP, and Steel
- No-Stop version available for confined areas of repairs
- ETL Listed to CSA STD C22.2 18.3-04
- Listed to UL STD 514B












Part No.	Description		Nominal Pull-Out Strength	Qty Per Case
20000118	1.00" Shur-Lock II Coupler SDR 1.315" ± 0.020"		600 lb	10
20000120	1.25" Shur-Lock II Coupler SDR 1.660" ± 0.020"		700 lb	10
20000121	1.25" Shur-Lock II Coupler HYB 1.590" ± 0.020"		700 lb	10
20000122	1.50" Shur-Lock II Coupler SDR 1.900" ± 0.020"		700 lb	10
20000123	2.00" Shur-Lock II Coupler SDR 2.375" ± 0.020"		700 lb	10
20000264	2.00" Shur-Lock II Coupler-Extended SDR 2.375" ± 0.020" (8.25" long vs 5.75" standard)		700 lb	6
20000172	2.50" Shur-Lock II Coupler SDR 2.875" ± 0.020"		1,000 lb	6
20000173	3.00" Shur-Lock II Coupler SDR 3.500" ± 0.020"		1,000 lb	6
20000245	4.00" Shur-Lock II Coupler SDR 4.500" ± 0.020"		1,000 lb	6
20000254	5.00" Shur-Lock II Coupler SDR 5.563" ± 0.020"		1,000 lb	6
20000256	6.00" Shur-Lock II Coupler SDR 6.625" ± 0.020"		1,000 lb	6

 Please Specify if ETL listing is required

SHUR-LOCK II COUPLER W/NO CENTER STOP

Center stop is removed to allow the coupler to be pulled back over the end of the duct for limited clearance installations

Part No.	Description		Nominal Pull-Out Strength	Qty Per Case
20002340	1.00" Shur-Lock II Coupler SDR 1.315" ± 0.020"		600 lb	10
20000236	1.25" Shur-Lock II Coupler SDR 1.660" ± 0.020"		700 lb	10
20002341	1.50" Shur-Lock II Coupler SDR 1.900" ± 0.020"		700 lb	10
20000237	2.00" Shur-Lock II Coupler SDR 2.375" ± 0.020"		700 lb	10
20000238	2.50" Shur-Lock II Coupler SDR 2.875" ± 0.020"		1,000 lb	6
20000239	3.00" Shur-Lock II Coupler SDR 3.500" ± 0.020"		1,000 lb	6
20000260	4.00" Shur-Lock II Coupler SDR 4.500" ± 0.020"		1,000 lb	4
20001531	5.00" Shur-Lock II Coupler SDR 5.563" ± 0.020"		1,000 lb	2
20000261	6.00" Shur-Lock II Coupler SDR 6.625" ± 0.020"		1,000 lb	2

 Please Specify if ETL listing is required



CLEAR-LOCK

COUPLERS

Experience the same fast and easy installation of our Push-Lock couplers now with a new, clear body design. Simply push the duct ends into the coupler for a locked and air-sealed assembly. Slightly shorter than the original Push-Lock, the Clear-Lock is ideal for pull boxes, vaults or other limited access areas. The non-metallic construction provides excellent corrosion resistance in buried or encased applications and also has desirable dielectric properties.

- The clear midsection gives added visibility during installation, removing all guesswork from the process
- The visual confirmation of the pipe within the coupler ensures that it has been properly seated at the center stop
- Simple, one person 'push-on' assembly lowers installation costs
- Self-locking ring design assembles in seconds and is re-enterable
- High strength molded plastic body is ideal for buried duct applications
- Pre-lubricated O-ring is water-tight and air-tight
- Suitable for both cable pulling & jetting applications



Part No.	Description	Nominal O.D.	Duct O.D. Working Range	Length	Pull Out Strength	Max. Pressure	Qty Per Case
2005661	0.75" Clear-Lock	1.050"	1.040" - 1.060"	3"	500 lb	250 psi	144
20005662	1.00" Clear-Lock	1.315"	1.305" - 1.325"	3.6"	600 lb	250 psi	50
20005096	1.25" Clear-Lock	1.660"	1.650" - 1.670"	5"	700 lb	250 psi	50
20005663	1.50" Clear-Lock	1.900"	1.890" - 1.910"	5.5"	800 lb	250 psi	25
20005097	2.00" Clear-Lock	2.375"	2.365" - 2.385"	7"	2,000 lb	250 psi	15



PIN-POINT SPLICE KIT

COUPLERS

The Clear-Lock Couplers and PinPoint Splices in one simple package. All the advantages of the Clear-Lock couplers with water-tight connectors for the PinPoint locatable duct in one simple kit. A 2.50" kit is also available with our new Redi-Lock coupler.

- 2 Couplers & 2 PinPoint Splice Connectors
- Orange in color
- Can be used in SDR 11 or SDR 13.5



Part No.	Description	Nominal O.D.	Duct O.D. Working Range	Qty Per Case
20005752	1.00" Clear-Lock Pin-Point Splice Kit	1.315"	1.305" - 1.325"	2
2005473	1.25" Clear-Lock Pin-Point Splice Kit	1.660"	1.650" - 1.670"	2
2005753	1.50" Clear-Lock Pin-Point Splice Kit	1.900"	1.890" - 1.910"	2
2005474	2.00" Clear-Lock Pin-Point Splice Kit	2.375"	2.365" - 2.385"	2
20005807	2.50" Redi-Lock Pin-Point Splice Kit	2.875"	2.775" - 2.885"	2



COMFIT COUPLERS

Comfit is a unique Hi-Tech coupler for HDPE cable ducts. Leak tested at 230 PSI and resistant to corrosion and most chemicals. Designed in accordance with the special demands of leading cable and duct manufacturers, as well as, top utility and contractors. Designed in accordance with the special demands of the leading cable and duct manufacturers, as well as, top utility contractors. Excellent for both blowing and pulling applications.



Part No.	Nominal O.D.	Duct O.D.		Coupler O.D.		Max Tension PSI	Qty Per Case
		(in)	(mm)	(in)	(mm)		
08566109	1/4"	1.050"	26.6	1.69"	43	580	144
08566110	1.0"	1.315"	33.4	2.20"	56	580	70
08566112	1-1/4"	1.660"	42.2	2.83"	72	1,130	56
08566115	1-1/2"	1.900"	48.3	3.23"	82	1,470	36
08566120	2.0"	2.375"	60.3	4.29"	109	2,400	13
08566145	1" Clear Center	2.375"	60.3	4.29"	109	2,400	13
08566123	32 mm	-	32	2.20"	56	230	70
08566125	40mm	-	40	2.76"	70	230	60
08566130	50 mm	-	50	3.35"	85	2	33

DOUBLE E-LOC

COUPLERS

The Double E-LOC versions are suitable for cable blowing applications and are UV resistant for aerial use.

- Non-metallic union for cable blowing installation
- Fits smooth and ribbed out duct
- Fits combination smooth end/ribbed end
- For PVC, steel pipe, fiberglass HDPE ducts
- UV resistant for aerial use
- Rated up to 200 PSI



Part No.	Standard Duct Size	Length	Qty Per Case
DEL-084	0.84" O.D. DUCT (1/2" IPS)	6.25"	50
DEL-105	1.05" O.D. DUCT (3/4" IPS)	6.25"	50
DEL-131	1.315" O.D. DUCT (1" IPS)	6.25"	50
DEL-135	1.350" O.D. DUCT	6.25"	50
DEL-142	1.420" O.D. DUCT/1.460" O.D. RIBBED	6.25"	50
DEL-150	1.500" O.D. DUCT 1-1/2" TRUE SIDR 9	6.25"	50
DEL-150UV	1.500" O.D. AERIAL	6.25"	50
DEL-154	1.540" O.D. DUCT/1.575" RIBBED	6.25"	50
DEL-154UV	1.540" O.D. AERIAL (1-1/4" TRUE)	6.25"	50
DEL-157	1.570" O.D. DUCT (40MM)	6.25"	50
DEL-160	1.600" O.D. DUCT	6.25"	50
DEL-160UV	1.600" O.D. AERIAL	6.25"	50
DEL-166	1.660" O.D. DUCT (1-1/4" IPS)	6.25"	50
DEL-166G	1.660" O.D. RIBBED	6.25"	50
DEL-166UV	1.660" O.D. AERIAL (1-1/4" IPS)	6.25"	50
DEL-171	1.710" O.D. DUCT (1-1/4" SIDR 9)	6.25"	50
DEL-178	1.780" O.D. DUCT / 1.830" RIBBED	8.25"	25
DEL-178UV	1.780" O.D. AERIAL	8.25"	25
DEL-183	1.830" O.D. DUCT (1-1/2" SIDR 9)	8.25"	25
DEL-190	1.900" O.D. DUCT (1-1/2" IPS)	8.25"	25
DEL-190UV	1.900" O.D. AERIAL (1-1/2" IPS)	8.25"	25
DEL-237	2.375" O.D. DUCT (2" IPS)	8.5"	25
DEL-237UV	2.375" O.D. AERIAL (2" IPS)	8.5"	25
DEL-287	2.875" O.D. DUCT (2 1/2" IPS)	8.5"	20
DEL-350	3.500" O.D. DUCT 3" IPS)	8.5"	15
DEL-450	4.500" O.D. DUCT (4" IPS)	8.5"	10

Parts labeled UV are designed for above ground applications and are UV resistant. Metric sizes also available. Metric sizes are also available.



REDI-LOCK™

COUPLERS

The latest in Dura-Line's coupler collection, the Redi-Lock™ is ideal for joining lengths of HDPE Sticks but can also be used with continuous length, reeled products.

- Stainless steel band clamps (hand tightened using 5/16" nut driver) with self-locking ring
- O-ring forms an air and water-tight seal
- UV stabilized
- High strength molded plastic body ideal for buried duct applications
- If coupling HDPE to PVC. use Shur-lock II



Part No.	Description	Nominal O.D.	Pull Out Strength	Max. Pressure	Qty Per Case
20005477	2.00" Redi-Lock	2.375"	700 lb	70 psi	10
20005478	2.50" Redi-Lock	2.875"	750 lb	55 psi	6
20005479	3.00" Redi-Lock	3.500"	950 lb	40 psi	6
20005480	4.00" Redi-Lock	4.500"	950 lb	40 psi	4
20005481	5.00" Redi-Lock	5.563"	1,000 lb	40 psi	2
20005482	6.00" Redi-Lock	6.625"	1,000 lb	15	2



MOR CLAMP

COUPLERS

The Mor Clamp coupling is quickly and easily installed by slipping onto or wrapping around a conduit joint. The thick neoprene gasket assures a positive butt joint seal. It accommodates a variety of conduit types including HDPE, cast iron, PVC, and fiberglass. The stainless steel design offers a lightweight and economical unit which is strong and durable. Zinc plated carbon steel bolts are included for tightening the Mor Clamp coupling.

- High pull out strength > 1,000 lb
- No special tools required
- One person installation
- Easy means to join large conduit
- Stainless steel construction



Part No.	Description	Bolts Qty	Bolt Size	Gasket Thickness	Coupler Length
20001519	1.25" Conduit (8101663B-0) Fits up to 1.66" O.D.	2	1/2" x 1-3/4"	1/8"	6"
20002849	2.0" Conduit (8102374) Fits up to 2.37" O.D.	4	1/2" x 1-3/4"	1/8"	8"
20003060	2.5" Conduit (8102874) Fits up to 2.87" O.D.	4	1/2" x 1-3/4"	1/8"	8"
20001520	3.0" Conduit (8103504) Fits up to 3.50" O.D.	4	5/8" x 2"	3/16"	8"
20002857	4.0" Conduit (8104504) Fits up to 4.50" O.D.	4	5/8" x 2"	3/16"	8"
20003226	5.0" Conduit (8105564) Fits up to 5.56" O.D.	4	5/8" x 2"	1/4"	8"
20001521	5.0" Conduit (8105568) Fits up to 5.56" O.D.	8	5/8" x 2"	1/4"	16"
20003073	6.0" Conduit (8106624) Fits up to 6.62" O.D.	4	5/8" x 2"	1/4"	8"
20002025	6.0" Conduit (8106628) Fits up to 6.62" O.D.	8	5/8" x 2"	1/4"	16"
20003117	8.0" Conduit (8108624) Fits up to 8.62" O.D.	4	3/4" x 3"	1/4"	10"



ALUMINUM DUCT COUPLERS

The classic design of the JackMoon® product that you have come to know and trust. The Aluminum Duct Couplers are available in two styles—reverse-threaded and barbed—offering different methods to join conduit to get the perfect fit. With these couplers, you can be confident in the reliability and durability of your connections. With their color coded anodized coating and ribbed external surface, these couplers are easy to identify and install while providing an excellent grip. They can be used in various telecommunication applications where HDPE conduit is utilized, including data centers, tower infrastructure, and rural broadband.



- Anodized Finish creates a protective oxide layer on the surface of the aluminum, making it corrosion resistant
- Color-coded for simple size I.D.
- Compatible with all types of polyethylene conduit for versatility on the jobsite
- Two variations are available: reverse threaded or barbed to accommodate different methods of connections

Part No.	Size	Case Quantity	Coupler Type	Color	Duct Range
JM-COU-07CP108U	0.75"	25	Reversed-Threaded	Black	0.91 - 1.08
JM-COU-10CP142U	1.00	25	Reversed-Threaded	Aluminum	1.18 - 1.42
JM-COU-11CP157U	1.125	25	Reversed-Threaded	Green	1.40 - 1.57
JM-COU-12CP166SB	1.25"	25	Barbed	Burgundy	1.66
JM-COU-12CP170U	1.25"	25	Reversed-Threaded	Burgundy	1.48 - 1.70
JM-COU-15CP190SB	1.50"	25	Barbed	Blue	1.90
JM-COU-15CP200U	1.50"	25	Reversed-Threaded	Navy Blue	1.80 - 2.00
JM-COU-20CP252U	2.00"	v	Reversed-Threaded	Bronze	2.31 - 2.51



ALUMINUM THREADED COUPLERS

Reverse-threaded aluminum coupler. Tapered threads accommodate a wide range of conduit OD's within a given conduit size. Also available in a Riser/Plenum rated version.

- Wide tolerance to fit most conduits
- Easy to install
- Not air or water-tight
- Threads may reduce conduit I.D.
- Self threading, which draws each end of the conduit into the center of the coupler
- The Riser/Plenum versions are approved for use in both Riser and Plenum applications - Riser UL 1666 & Plenum UL 2024



Part No.	Coupler Type	Trade Size	Qty Per Case
JM-COU-07CP108U	Reverse Threaded	0.75"	25
JM-COU-10CP142U	Reverse Threaded	1.00"	25
JM-COU-11CP157U	Reverse Threaded	1.125"	25
JM-COU-12CP166SB	Barbed	1.25"	25
JM-COU-12CP170U	Reverse Threaded	1.25"	25
JM-COU-15CP190SB	Barbed	1.50"	25
JM-COU-15CP200U	Reverse Threaded	1.50"	25
JM-COU-20CP252U	Reverse Threaded	2.00"	25



SMOOTH-COR FLEX FIT

COUPLERS

Quick, field assembly couplers or adapters to join different material types

- Two Kit options available for joining Smooth-Cor Flex
- Smooth-Cor Flex Coupler Kit joins Smooth-Core Flex to Smooth-Cor Flex
- Smooth-Cor Flex Adapter Kit joins Smooth-Cor Flex to HDPE, PVC, FRE and TGS
- Smooth-Cor Flex Coupler Kits include an O-ring gasket creating an air-tight and water-tight seal
- Keylock strips secure the connection, no glue required



SMOOTH-COR FLEX FIT

COUPLERS

Used with Armor Guard Conduit, the Armor Guard Kit is comprised of a Split-Lock + Coupler, a ScotchLock shield connector, and bonding braid for bonding and grounding the armored layer in the duct. This coupler arrangement is suitable for cable blowing applications.

- Easy assembly - split design
- Kit includes bonding strap and terminals



KWIKIE™ BLANK DUCT PLUGS-LOOP NUT

The plugs install tightly into conduit, creating a secure seal from unwanted water, sediment, or animal intrusion. A variety of sizes are available for various conduit dimensions and types, as they are compatible with HDPE, PVC, corrugated conduit, and EMT. Installation of the plugs is quick and easy, with no tools required for installation or removal.

- When the thermoplastic elastomer gasket is expanded, it creates a water, air, and rodent-resistant seal – protecting the conduit from damaging environmental conditions
- Constructed of non-metallic, corrosion-resistant materials for a long-lasting and cost-effective plug
- Requires no additional tools for quick and easy installation
- Install in PVC, HDPE, EMT, and corrugated conduit for versatility
- Two rope-tie points built into the plug for installation with mule tape or pull line for a secure seal



Part No.	Size (in)	Size (mm)	UOM	Case QTY	Conduit I.D.	Conduit I.D.
5120-07	0.75"	20	Case	50	0.766" - 1.020"	19.46 - 25.91
5120-10	1"	25	Case	50	0.994" - 1.390"	25.25 - 35.31
5120-12	1.25"	32	Case	50	1.156" - 1.510"	29.36 - 38.35
5120-15	1.5"	30	Case	50	1.460" - 1.830"	37.08 - 46.48
5120-20	2"	50	Case	50	1.834" - 2.386"	46.58 - 60.60
5120-25L	2.5"	65	Case	30	2.400" - 2.990"	60.96 - 75.95
5120-30L	3"	80	Case	50	2.920" - 3.450"	74.17 - 87.63
5120-35L	3.5"	90	Case	50	3.410" - 3.900"	86.61 - 99.06
5120-40L	4"	100	Case	50	3.940" - 4.330"	100.08 - 109.98
5120-50L	5"	125	Case	20	4.850" - 5.250"	123.19 - 133.35
5120-58L	5"	125	Case	20	4.675" - 5.250"	118.75 - 133.35
5120-60L	6"	150	Case	20	5.990" - 6.375"	152.15 - 161.93
5120-80L	8"	200	Case	12	7.810" - 8.250"	198.37 - 209.55



JACKMOON® FIBER OPTIC SIMPLEX PLUG

A tried-and-true design, JackMoon® Fiber Optic Simplex plugs effectively organize and seal conduit containing one cable. Essential to any fiber optic network, they ensure cables are properly terminated and protected. Various sizes accommodate different conduit diameters and fiber sizes, making them suitable for multiple applications, including telecommunications, data centers, internet utility, and power.

- When the thermoplastic elastomer gasket is expanded, it creates a water and air-resistant seal – protecting datacenters from damaging environmental issues
- Constructed of non-metallic, corrosion-resistant material, these plugs are long-lasting and cost-effective
- Designed to split apart for easy retrofit around in-place cables



Part No.	Size (in)	Size (mm)	Conduit I.D. (in)	Conduit I.D. (mm)	Port Dia. Range (in)	Port Dia. Range (mm)	Case QTY
7110-027-035	1"	25	1.05"- 1.13"	26.67 - 28.70	0.27"- 0.35"	6.86 - 8.89	20
7110-035-057	1"	25	1.05"- 1.13"	26.67 - 28.70	0.35"- 0.57"	8.89 - 14.48	20
7110-051-071	1"	25	1.05"- 1.13"	26.67 - 28.70	0.51"- 0.71"	12.95 - 18.03	20
7111-020-035	1.1"	25	1.13"- 1.23"	28.70 - 31.24	0.20"- 0.35"	5.08 - 8.89	20
7111-035-057	1.1"	25	1.13"- 1.23"	28.70 - 31.24	0.35"- 0.57"	8.89 - 14.48	20
7111-051-071	1.1"	25	1.13"- 1.23"	28.70 - 31.24	0.51"- 0.71"	12.95 - 18.03	20
7112-035-057	1.25"	32	1.28"- 1.36"	32.51 - 34.54	0.35"- 0.57"	8.89 - 14.48	20
7112-051-071	1.25"	32	1.28"- 1.36"	32.51 - 34.54	0.51"- 0.71"	12.95 - 18.03	20
7112-071-084	1.25"	32	1.28"- 1.36"	32.51 - 34.54	0.71"- 0.84"	18.03 - 21.33	20
7113-012-043	1.375"	35	1.40"- 1.50"	35.56 - 38.10	0.12"- 0.43"	3.05 - 10.92	20
7113-035-057	1.375"	35	1.40"- 1.50"	35.56 - 38.10	0.12"- 0.43"	8.89 - 14.48	20
7113-051-071	1.375"	35	1.40"- 1.50"	35.56 - 38.10	0.51"- 0.71"	12.95 - 18.03	20
7115-008-035	1.5"	40	1.46"- 1.56"	37.08 - 39.62	0.08"- 0.35"	2.03 - 8.89	20
7115-035-057	1.5"	40	1.46"- 1.56"	37.08 - 39.62	0.35"- 0.57"	8.89 - 14.48	20
7115-051-071	1.5"	40	1.46"- 1.56"	37.08 - 39.62	0.51"- 0.71"	2.95 - 18.03	20
7116-051-071	1.6"	41	1.56"- 1.70"	39.62 - 43.18	0.51"- 0.71"	12.95 - 18.03	20
7116-071-090	1.6"	41	1.56"- 1.70"	39.62 - 43.18	0.71"- 0.90"	18.03 - 22.86	20
7120-008-014	2"	50	1.92"- 2.06"	48.77 - 52.32	0.08"- 0.14"	2.03 - 3.56	20
7120-015-024	2"	50	1.92"- 2.06"	48.77 - 52.32	0.15"- 0.24"	3.81 - 6.10	20
7120-025-051	2"	50	1.92"- 2.06"	48.77 - 52.32	0.25"- 0.51"	6.35 - 12.95	20
7120-052-075	2"	50	1.92"- 2.06"	48.77 - 52.32	0.52"- 0.75"	13.21 - 19.05	20
7120-076-100	2"	50	1.92"- t2.06"	48.77 - 52.32	0.76"- 1.06"	19.30 - 26.92	20





WEDGE SEAL™ ENTRY SEAL-SIMPLEX 2"

Whether a blank seal is needed, or multiple ports for passing through fiber or innerduct, the Cal Am system is the answer. The Wedge Seal Entry Seals are ideal for data centers, telecom, and electrical manholes. Utilizing a split design, these seals can be installed almost anywhere along a cable network making them easy to install for retrofits.

- Water, air and corrosion resistant
- Can be easily installed with retrofit
- Excellent cable support and organization
- Made from recyclable materials
- Ideal for data centers, telecom or electrical manholes
- Easy and fast to install
- Long lasting materials
- Professional and clean sealing method



Part No.	Size (in)	Size (mm)	Conduit I.D. (in)	Conduit I.D. (mm)	Port Dia. Range (in)	Port Dia. Range (mm)
7120-130	2.00"	50	1.96" - 2.08"	49.8 - 52.8	1.05 - 1.32t	26.7 - 33.5



WEDGE SEAL™ ENTRY SEAL-SIMPLEX 4"

Whether a blank seal is needed, or multiple ports for passing through fiber or innerduct, the Cal Am system is the answer. The Wedge Seal Entry Seals are ideal for data centers, telecom, and electrical manholes. Utilizing a split design, these seals can be installed almost anywhere along a cable network making them easy to install for retrofits.

- Water, air and corrosion resistant
- Can be easily installed with retrofit
- Excellent cable support and organization
- Made from recyclable materials
- Ideal for data centers, telecom or electrical manholes
- Easy and fast to install
- Long lasting materials
- Professional and clean sealing method



Part No.	Size (in)	Size (mm)	Conduit I.D. (in)	Conduit I.D. (mm)	Port Dia. Range (in)	Port Dia. Range (mm)
7140-100	4"	100	3.92" - 4.39"	99.60 - 111.51	0.70" - 1.02"	17.80 - 25.90
7140-115	4"	100	3.92" - 4.39"	99.60 - 111.51	1.03" - 1.17"	26.20 - 29.70
7140-135	4"	100	3.92" - 4.39"	99.60 - 111.51	1.18" - 1.37"	30.00 - 34.80
7140-195	4"	100	3.92" - 4.39"	99.60 - 111.51	1.38" - 1.96"	35.10 - 49.80
7140-225	4"	100	3.92" - 4.18"	99.60 - 106.20	1.92" - 2.25"	48.80 - 57.20
7140-250	4"	100	3.92" - 4.18"	99.60 - 106.20	2.25" - 2.56"	57.20 - 65.00
7140-290	4"	100	3.92" - 4.18"	99.60 - 106.20	2.53" - 2.92"	64.30 - 74.20



WEDGE SEAL™ ENTRY SEAL-TRIPLEX 4"

Whether a blank seal is needed, or multiple ports for passing through fiber or innerduct, the Cal Am system is the answer. The Wedge Seal Entry Seals are ideal for data centers, telecom, and electrical manholes. Utilizing a split design, these seals can be installed almost anywhere along a cable network making them easy to install for retrofits.

- Water, air and corrosion resistant
- Can be easily installed with retrofit
- Excellent cable support and organization
- Made from recyclable materials
- Ideal for data centers, telecom or electrical manholes
- Easy and fast to install
- Long lasting materials
- Professional and clean sealing method



Part No.	Size (in)	Size (mm)	Conduit I.D. (in)	Conduit I.D. (mm)	Port Dia. Range (in)	Port Dia. Range (mm)
7340-075	4"	100	3.97"- 4.10"	100.84 - 104.14	0.73"- 0.77"	18.54 - 19.56
7340-080	4"	100	3.97"- 4.10"	100.84 - 104.14	0.78"- 0.82"	19.81 - 20.83
7340-085	4"	100	3.97"- 4.10"	100.84 - 104.14	0.83"- 0.87"	21.08 - 22.10
7340-090	4"	100	3.97"- 4.10"	100.84 - 104.14	0.88"- 0.92"	22.35 - 23.37
7340-095	4"	100	3.97"- 4.10"	100.84 - 104.14	0.93"- 0.97"	23.62 - 24.64
7340-100	4"	100	3.97"- 4.10"	100.84 - 104.14	0.98"- 1.02"	24.89 - 25.91
7340-105	4"	100	3.97"- 4.10"	100.84 - 104.14	1.03"- 1.07"	26.16 - 27.18
7340-110	4"	100	3.97"- 4.10"	100.84 - 104.14	1.08"- 1.12"	27.43 - 28.45
7340-115	4"	100	3.97"- 4.10"	100.84 - 104.14	1.13"- 1.17"	28.70 - 29.72
7340-120	4"	100	3.97"- 4.10"	100.84 - 104.14	1.18"- 1.22"	29.97 - 30.99
7340-125	4"	100	3.97"- 4.10"	100.84 - 104.14	1.23"- 1.27"	31.24 - 32.26
7340-130	4"	100	3.97"- 4.10"	100.84 - 104.14	1.28"- 1.32"	32.51 - 33.53
7340-135	4"	100	3.97"- 4.10"	100.84 - 104.14	1.33"- 1.37"	33.78 - 34.80
7340-140	4"	100	3.97"- 4.10"	100.84 - 104.14	1.38"- 1.42"	35.05 - 36.07
7340-145	4"	100	3.97"- 4.10"	100.84 - 104.14	1.43"- 1.47"	36.32 - 37.34
7340-150	4"	100	3.97"- 4.10"	100.84 - 104.14	1.48"- 1.52"	37.59 - 38.61
7340-155	4"	100	3.97"- 4.10"	100.84 - 104.14	1.53"- 1.57"	38.86 - 39.88
7340-160	4"	100	3.97"- 4.10"	100.84 - 104.14	1.58"- 1.62"	40.13 - 41.15
7340-165	4"	100	3.97"- 4.10"	100.84 - 104.14	1.63"- 1.67"	41.40 - 42.42
7340-XXX	4"	100	3.97"- 4.10"	100.84 - 104.14	CUSTOM	CUSTOM



WEDGE SEAL™ ENTRY SEAL-TRIPLEX 5"

Whether a blank seal is needed, or multiple ports for passing through fiber or innerduct, the Cal Am system is the answer. The Wedge Seal Entry Seals are ideal for data centers, telecom, and electrical manholes. Utilizing a split design, these seals can be installed almost anywhere along a cable network making them easy to install for retrofits.

- Water, air and corrosion resistant
- Can be easily installed with retrofit
- Excellent cable support and organization
- Made from recyclable materials
- Ideal for data centers, telecom or electrical manholes
- Easy and fast to install
- Long lasting materials
- Professional and clean sealing method



Part No.	Size (in)	Size (mm)	Conduit I.D. (in)	Conduit I.D. (mm)	Port Dia. Range (in)	Port Dia. Range (mm)
7350-075	5"	125	4.95"- 5.10"	125.73 - 129.54	0.73"-0.77"	18.54-19.56
7350-080	5"	125	4.95"- 5.10"	125.73 - 129.54	0.78"-0.82"	19.81-20.83
7350-085	5"	125	4.95"- 5.10"	125.73 - 129.54	0.83"-0.87"	21.08-22.10
7350-090	5"	125	4.95"- 5.10"	125.73 - 129.54	0.88"-0.92"	22.35-23.37
7350-095	5"	125	4.95"- 5.10"	125.73 - 129.54	0.93"-0.97"	23.62-24.64
7350-100	5"	125	4.95"- 5.10"	125.73 - 129.54	0.98"-1.02"	24.89-25.91
7350-105	5"	125	4.95"- 5.10"	125.73 - 129.54	1.03"-1.07"	26.16-27.18
7350-110	5"	125	4.95"- 5.10"	125.73 - 129.54	1.08"-1.12"	27.43-28.45
7350-115	5"	125	4.95"- 5.10"	125.73 - 129.54	1.13"-1.17"	28.70-29.72
7350-120	5"	125	4.95"- 5.10"	125.73 - 129.54	1.18"-1.22"	29.97-30.99
7350-125	5"	125	4.95"- 5.10"	125.73 - 129.54	1.23"-1.27"	31.24-32.26
7350-130	5"	125	4.95"- 5.10"	125.73 - 129.54	1.28"-1.32"	32.51-33.53
7350-135	5"	125	4.95"- 5.10"	125.73 - 129.54	1.33"-1.37"	33.78-34.80
7350-140	5"	125	4.95"- 5.10"	125.73 - 129.54	1.38"-1.42"	35.05-36.07
7350-145	5"	125	4.95"- 5.10"	125.73 - 129.54	1.43"-1.47"	36.32-37.34
7350-150	5"	125	4.95"- 5.10"	125.73 - 129.54	1.48"-1.52"	37.59-38.61
7350-155	5"	125	4.95"- 5.10"	125.73 - 129.54	1.53"-1.57"	38.86-39.88
7350-160	5"	125	4.95"- 5.10"	125.73 - 129.54	1.58"-1.62"	40.13-41.15
7350-165	5"	125	4.95"- 5.10"	125.73 - 129.54	1.63"-1.67"	41.40-42.42
7350-170	5"	125	4.95"- 5.10"	125.73 - 129.54	1.68"-1.72"	42.67-43.69
7350-175	5"	125	4.95"- 5.10"	125.73 - 129.54	1.73"-1.77"	43.94-44.96
7350-180	5"	125	4.95"- 5.10"	125.73 - 129.54	1.78"-1.82"	45.21-46.23
7350-XXX	5"	125	4.95"- 5.10"	125.73 - 129.54	CUSTOM	CUSTOM



WEDGE SEAL™ ENTRY SEAL-TRIPLEX 6" & 8"

Whether a blank seal is needed, or multiple ports for passing through fiber or innerduct, the Cal Am system is the answer. The Wedge Seal Entry Seals are ideal for data centers, telecom, and electrical manholes. Utilizing a split design, these seals can be installed almost anywhere along a cable network making them easy to install for retrofits.

- Water, air and corrosion resistant
- Can be easily installed with retrofit
- Excellent cable support and organization
- Made from recyclable materials
- Ideal for data centers, telecom or electrical manholes
- Easy and fast to install
- Long lasting materials
- Professional and clean sealing method



Part No.	Size (in)	Size (mm)	Conduit I.D. (in)	Conduit I.D. (mm)	Port Dia. Range (in)	Port Dia. Range (mm)
7360-075	6"	150	5.96"- 6.10"	151.38 - 154.94	0.73" - 0.77"	18.54 - 19.56
7360-080	6"	150	5.96"- 6.10"	151.38 - 154.94	.78" - 0.82"	19.81 - 20.83
7360-085	6"	150	5.96"- 6.10"	151.38 - 154.94	0.83" - 0.87"	21.08 - 22.10
7360-090	6"	150	5.96"- 6.10"	151.38 - 154.94	0.88" - 0.92"	22.35 - 23.37
7360-095	6"	150	5.96"- 6.10"	151.38 - 154.94	0.93" - 0.97"	23.62 - 24.64
7360-100	6"	150	5.96"- 6.10"	151.38 - 154.94	0.98" - 1.02"	24.89 - 25.91
7360-105	6"	150	5.96"- 6.10"	151.38 - 154.94	1.03" - 1.07"	26.16 - 27.18
7360-110	6"	150	5.96"- 6.10"	151.38 - 154.94	1.08" - 1.12"	27.43 - 28.45
7360-115	6"	150	5.96"- 6.10"	151.38 - 154.94	1.13" - 1.17"	28.70 - 29.72
7360-115	6"	150	5.96"- 6.10"	151.38 - 154.94	1.18"-1.22"	29.97 - 30.99
7360-125	6"	150	5.96"- 6.10"	151.38 - 154.94	1.23" - 1.27"	31.24 - 32.26
7360-130	6"	150	5.96"- 6.10"	151.38 - 154.94	1.28" - 1.32"	32.51 - 33.53
7360-135	6"	150	5.96"- 6.10"	151.38 - 154.94	1.33" - 1.37"	33.78-34.80
7360-140	6"	150	5.96"- 6.10"	151.38 - 154.94	1.38" - 1.42"	35.05 - 36.07
7360-145	6"	150	5.96"- 6.10"	151.38 - 154.94	1.43" - 1.47"	36.32 - 37.34
7360-150	6"	150	5.96"- 6.10"	151.38 - 154.94	1.48" - 1.52"	37.59 - 38.61
7360-155	6"	150	5.96"- 6.10"	151.38 - 154.94	1.53" - 1.57"	38.86 - 39.88
7360-160	6"	150	5.96"- 6.10"	151.38 - 154.94	1.58" - 1.62"	40.13 - 41.15
7360-165	6"	150	5.96"- 6.10"	151.38 - 154.94	1.63" - 1.67"	41.40 - 42.42
7360-170	6"	150	5.96"- 6.10"	151.38 - 154.94	1.68" - 1.72"	42.6 7- 43.69
7360-175	6"	150	5.96"- 6.10"	151.38 - 154.94	1.73" - 1.77"	43.94 - 44.96
7360-180	6"	150	5.96"- 6.10"	151.38 - 154.94	1.78" - 1.82"	45.21 - 46.23
7360-185	6"	150	5.96"- 6.10"	151.38 - 154.94	1.83" - 1.87"	46.48 - 47.50
7360-190	6"	150	5.96"- 6.10"	151.38 - 154.94	1.88" - 1.92"	47.75 - 48.77
7360-195	6"	150	5.96"- 6.10"	151.38 - 154.94	1.93" - 1.97"	49.02 - 50.04
7360-XXX	6"	150	5.96"- 6.10"	151.38 - 154.94	CUSTOM	CUSTOM
7380-240	8"	200	7.74"- 7.94"	196.60 - 201.68	2.38" - 2.42"	60.45 - 61.49
7380-245	8"	200	7.74"- 7.94"	196.60 - 201.68	2.43" - 2.47"	61.72 - 62.74
7380-250	8"	200	7.74"- 7.94"	196.60 - 201.68	2.48" - 2.52"	62.99 - 64.01
7380-255	8"	200	7.74"- 7.94"	196.60 - 201.68	2.53" - 2.57"	64.26 - 65.28
7380-260	8"	200	7.74"- 7.94"	196.60 - 201.68	2.58" - 2.62"	65.53 - 66.55
7380-265	8"	200	7.74"- 7.94"	196.60 - 201.68	2.63" - 2.67"	66.80 - 67.82
7380-270	8"	200	7.74"- 7.94"	196.60 - 201.68	2.68" - 2.72"	68.07 - 69.01
7380-XXX	8"	200	7.74"- 7.94"	196.60 - 201.68	CUSTOM	CUSTOM



WEDGE SEAL™ ENTRY SEAL-QUADPLEX 4" & 5"

Whether a blank seal is needed, or multiple ports for passing through fiber or innerduct, the Cal Am system is the answer. The Wedge Seal Entry Seals are ideal for data centers, telecom, and electrical manholes. Utilizing a split design, these seals can be installed almost anywhere along a cable network making them easy to install for retrofits.

- Water, air and corrosion resistant
- Can be easily installed with retrofit
- Excellent cable support and organization
- Made from recyclable materials
- Ideal for data centers, telecom or electrical manholes
- Easy and fast to install
- Long lasting materials
- Professional and clean sealing method



Part No.	Size (in)	Size (mm)	Conduit I.D. (in)	Conduit I.D. (mm)	Port Dia. Range (in)	Port Dia. Range (mm)
7440-075	4"	100	3.95" - 4.10"	100.33 - 104.14	0.73" - 0.77"	18.54 - 19.56
7440-080	4"	100	3.95" - 4.10"	100.33 - 104.14	0.78" - 0.82"	19.81 - 20.83
7440-085	4"	100	3.95" - 4.10"	100.33 - 104.14	0.83" - 0.87"	21.08 - 22.10
7440-090	4"	100	3.95" - 4.10"	100.33 - 104.14	0.88" - 0.92"	22.35 - 23.37
7440-095	4"	100	3.95" - 4.10"	100.33 - 104.14	0.93" - 0.97"	23.62 - 24.64
7440-100	4"	100	3.95" - 4.10"	100.33 - 104.14	0.98" - 1.02"	24.89 - 25.91
7440-105	4"	100	3.95" - 4.10"	100.33 - 104.14	1.03" - 1.07"	26.16 - 27.18
7440-110	4"	100	3.95" - 4.10"	100.33 - 104.14	1.08" - 1.12"	27.43 - 28.45
7440-115	4"	100	3.95" - 4.10"	100.33 - 104.14	1.13" - 1.17"	28.70 - 29.72
7440-120	4"	100	3.95" - 4.10"	100.33 - 104.14	1.18" - 1.22"	29.97 - 30.99
7440-125	4"	100	3.95" - 4.10"	100.33 - 104.14	1.23" - 1.27"	31.24 - 32.26
7440-130	4"	100	3.95" - 4.10"	100.33 - 104.14	1.28" - 1.32"	32.51 - 3.53T
7440-XXX	4"	100	3.95" - 4.10"	100.33 - 104.14	CUSTOM	CUSTOM
7450-075	5"	125	4.95" - 5.10"	125.73 - 129.54	0.73" - 0.77"	18.54 - 19.56
7450-080	5"	125	4.95" - 5.10"	125.73 - 129.54	0.78" - 0.82"	19.81 - 20.83
7450-085	5"	125	4.95" - 5.10"	125.73 - 129.54	0.83" - 0.87"	21.08 - 22.10
7450-090	5"	125	4.95" - 5.10"	125.73 - 129.54	0.88" - 0.92"	22.35 - 23.37
7450-095	5"	125	4.95" - 5.10"	125.73 - 129.54	0.93" - 0.97"	23.62 - 24.64
7450-100	5"	125	4.95" - 5.10"	125.73 - 129.54	0.98" - 1.02"	24.89 - 25.91
7450-105	5"	125	4.95" - 5.10"	125.73 - 129.54	1.03"-1.07"	26.16 - 27.18
7450-110	5"	125	4.95" - 5.10"	125.73 - 129.54	1.08" - 1.12"	27.43 - 28.45
7450-115	5"	125	4.95" - 5.10"	125.73 - 129.54	1.13" - 1.17"	28.70 - 29.72
7450-120	5"	125	4.95" - 5.10"	125.73 - 129.54	1.18" - 1.22"	29.97 - 30.99
7450-125	5"	125	4.95" - 5.10"	125.73 - 129.54	1.23"-1.27"	31.24 - 32.26
7450-130	5"	125	4.95" - 5.10"	125.73 - 129.54	1.28" - 1.32"	32.51 - 33.53
7450-135	5"	125	4.95" - 5.10"	125.73 - 129.54	1.33" - 1.37"	33.78 - 34.80
7450-140	5"	125	4.95" - 5.10"	125.73 - 129.54	1.38" - 1.42"	35.05 - 36.07
7450-145	5"	125	4.95" - 5.10"	125.73 - 129.54	1.43" - 1.47"	36.32 - 37.34
7450-150	5"	125	4.95" - 5.10"	125.73 - 129.54	1.48" - 1.52"	37.59 - 38.61
7450-155	5"	125	4.95" - 5.10"	125.73 - 129.54	1.53" - 1.57"	38.86 - 39.88
7450-160	5"	125	4.95" - 5.10"	125.73 - 129.54	1.58" - 1.62"	40.13 - 41.15
7450-165	5"	125	4.95" - 5.10"	125.73 - 129.54	1.63" - 1.67"	41.40 - 42.42
7450-170	5"	125	4.95" - 5.10"	125.73 - 129.54	1.68" - 1.72"	42.67 - 43.69
7450-175	5"	125	4.95" - 5.10"	125.73 - 129.54	1.73" - 1.77"	43.94 - 44.96
7450-180	5"	125	4.95" - 5.10"	125.73 - 129.54	1.78" - 1.82"	45.21 - 46.23
7450-XXX	5"	125	4.95" - 5.10"	125.73 - 129.54	CUSTOM	CUSTOM



WEDGE SEAL™ ENTRY SEAL-QUADPLEX 6" & 8"

Whether a blank seal is needed, or multiple ports for passing through fiber or innerduct, the Cal Am system is the answer. The Wedge Seal Entry Seals are ideal for data centers, telecom, and electrical manholes. Utilizing a split design, these seals can be installed almost anywhere along a cable network making them easy to install for retrofits.

- Water, air and corrosion resistant
- Can be easily installed with retrofit
- Excellent cable support and organization
- Made from recyclable materials
- Ideal for data centers, telecom or electrical manholes
- Easy and fast to install
- Long lasting materials
- Professional and clean sealing method



Part No.	Size (in)	Size (mm)	Conduit I.D. (in)	Conduit I.D. (mm)	Port Dia. Range (in)	Port Dia. Range (mm)
7460-075	6"	150	5.96"- 6.10"	151.38 - 154.94	0.73"- 0.77"	18.54 - 19.56
7460-080	6"	150	5.96"- 6.10"	151.38 - 154.94	0.78"- 0.82"	19.81 - 20.83
7460-085	6"	150	5.96"- 6.10"	151.38 - 154.94	0.83"- 0.87"	21.08 - 22.10
7460-090	6"	150	5.96"- 6.10"	151.38 - 154.94	0.88"- 0.92"	22.35 - 23.37
7460-095	6"	150	5.96"- 6.10"	151.38 - 154.94	0.93"- 0.97"	23.62 - 24.64
7460-100	6"	150	5.96"- 6.10"	151.38 - 154.94	0.98"- 1.02"	24.89 - 25.91
7460-105	6"	150	5.96"- 6.10"	151.38 - 154.94	1.03"- 1.07"	26.16 - 27.18
7460-110	6"	150	5.96"- 6.10"	151.38 - 154.94	1.08"- 1.12"	27.43 - 28.45
7460-115	6"	150	5.96"- 6.10"	151.38 - 154.94	1.13"- 1.17"	28.70 - 29.72
7460-115	6"	150	5.96"- 6.10"	151.38 - 154.94	1.18"-1.22"	29.97 - 30.99
7460-125	6"	150	5.96"- 6.10"	151.38 - 154.94	1.23"- 1.27"	31.24 - 32.26
7460-130	6"	150	5.96"- 6.10"	151.38 - 154.94	1.28"- 1.32"	32.51 - 33.53
7460-135	6"	150	5.96"- 6.10"	151.38 - 154.94	1.33"- 1.37"	33.78-34.80
7460-140	6"	150	5.96"- 6.10"	151.38 - 154.94	1.38"- 1.42"	35.05 - 36.07
7460-145	6"	150	5.96"- 6.10"	151.38 - 154.94	1.43"- 1.47"	36.32 - 37.34
7460-150	6"	150	5.96"- 6.10"	151.38 - 154.94	1.48"- 1.52"	37.59 - 38.61
7460-155	6"	150	5.96"- 6.10"	151.38 - 154.94	1.53"- 1.57"	38.86 - 39.88
7460-160	6"	150	5.96"- 6.10"	151.38 - 154.94	1.58"- 1.62"	40.13 - 41.15
7460-165	6"	150	5.96"- 6.10"	151.38 - 154.94	1.63"- 1.67"	41.40 - 42.42
7460-170	6"	150	5.96"- 6.10"	151.38 - 154.94	1.68"- 1.72"	42.67 - 43.69
7460-175	6"	150	5.96"- 6.10"	151.38 - 154.94	1.73"- 1.77"	43.94 - 44.96
7460-180	6"	150	5.96"- 6.10"	151.38 - 154.94	1.78"- 1.82"	45.21 - 46.23
7460-185	6"	150	5.96"- 6.10"	151.38 - 154.94	1.83"- 1.87"	46.48 - 47.50
7460-XXX	6"	150	5.96"- 6.10"	151.38 - 154.94	CUSTOM	CUSTOM
7480-240	8"	200	7.74"- 7.94"	196.60 - 201.68	1.88"- 1.92"	47.75 - 48.77
7480-245	8"	200	7.74"- 7.94"	196.60 - 201.68	1.93"- 1.97"	49.02 - 50.04
7480-250	8"	200	7.74"- 7.94"	196.60 - 201.68	1.98"- 2.02"	50.30 - 51.05
7480-255	8"	200	7.74"- 7.94"	196.60 - 201.68	2.03"- 2.07"	51.56 - 52.58
7480-260	8"	200	7.74"- 7.94"	196.60 - 201.68	2.08"- 2.12"	52.83 - 53.85
7480-265	8"	200	7.74"- 7.94"	196.60 - 201.68	2.13"- 2.17"	54.10 - 55.12
7480-270	8"	200	7.74"- 7.94"	196.60 - 201.68	2.18"-2.22"	68.07 - 69.01
7480-XXX	8"	200	7.74"- 7.94"	196.60 - 201.68	CUSTOM	54.10 - 55.12



POLY PLUG™ TEMPORARY PLUG

The Poly Plug™ is designed to seal standard duct, inner-duct or terminators from the damaging and expensive effects of weather, job site debris, and animal incursion.

- Tapered and scalloped walls for a tight and secure fit
- Easy installation and removal without additional tools
- Cost-effective solution for temporary sealing
- Highly flexible material for easy installation by hand
- Constructed of long-lasting material
- Designed to release in a snap
- One size to fit multiple-size conduit



Part No.	Size (in)	Size (mm)	UOM	Case Dimensions	Case Qty	Color
2250-010	1.00"	25	CS	11" x 9" x 5"	100	Black
2250-012	1.25"	32	CS	13" x 9" x 5"	100	Black
2250-015	1.50"	40	CS	13" x 9" x 7"	100	Black
2250-15-B	2.00"	40	CS	13" x 9" x 5"	100	Black
2250-020L	2.50"	50	CS	15" x 11" x 7"	100	Black
2250-025	3.00"	65	CS	17" x 13" x 9"	100	Black
2250-030	3.50"	80	CS	17" x 13" x 9"	80	Black
2250-035	4.00"	90	CS	18" x 12" x 12"	80	Black
2250-040	4.50"	100	CS	17" x 13" x 13"	50	Black
2250-050	5.00"	125	CS	17" x 13" x 13"	40	Black
2250-060	6.00"	150	CS	19" x 13" x 13"	30	Black
2250-080	8.00"	200	CS	19" x 13" x 13"	12	Black



CAL AM
MANUFACTURING

E-LOC® COUPLINGS COUPLERS

A low-cost push-on coupler with a molded rubber gripping insert. Can be used on HDPE, PVC, Fiberglass (FRE), and metal conduit. Transition couplers are used to join ducts with different outside diameters.

- Fast push-on installation
- Inexpensive, one person installation
- Low pull out strength
- Not recommended for blowing or plow chute applications



Part No.	Nominal Duct Size	Standard Duct Size	Coupling Body O.D.	Length	Qty Per Case
EL-084	1/2"	0.840" 1/2" IPS & SCH40	1.315"	4.5"	18
EL-086	1/2"	0.860" 1/2" DROP	1.315"	4.5"	33
EL-086R	1/2"	0.860" 1/2" DROP 50A	1.315"	6"	20
EL-062	5/8"	0.625" 13mm	1.315"	6"	16
EL-0105	3/4"	1.050" 3/4" IPS	1.315"	4.5"	28
EL-123	1"	1.231" O.D. DUCT	1.315"	6"	48
EL-128C	1"	1.280" CORR	1.315"	6"	-
EL-131	1"	1.315" 1" IPS & SCH 40	2.000"	5.25"	23
EL-135	1"	1.350 O.D. DUCT	2.375"	6"	45
EL-137	1"	1.375" O.D. DUCT	2.375"	6"	45
EL-140C	1"	1.400" CORR (1")	2.375"	6"	42
EL-142	1-1/8"	1.420" O.D. DUCT	2.375"	6"	44
EL-150	1-1/4"	1.500" O.D. DUCT	2.375"	6"	41
EL-154	1-1/4"	1.540" O.D. DUCT	2.375"	6"	38
EL-157	1-1/4"	1.575" O.D. DUCT	2.375"	6"	39
EL-157C	1-1/4"	1.570" CORR 1-1/4"	2.375"	6"	39
EL-160	1-1/4"	1.600" O.D. DUCT	2.375"	6"	36
EL-166	1-1/4"	1.660" 1-1/4" IPS	2.400"	5.25"	28
EL-175	1-1/4"	1.750" O.D. DUCT	2.375"	6"	30
EL-178	1-1/4"	1.780" O.D. DUCT	2.375"	6"	
EL-183	1-1/4"	1.830" O.D. DUCT	2.375"	6"	42
EL-190	1-1/4"	1.900" 1-1/2" IPS	2.650"	6"	19
EL-190-12	1-1/4"	1.900" 1-1/2" IPS X 12" LG	2.875"	12"	29
EL-2197	2"	2.197" O.D. DUCT (2" EMT)	2.875"	6"	-
EL-232C	2"	2.325" CORR (2" PNA)	2.875"	6"	42
EL-235	2"	2.350" O.D. DUCT	3.170"	6"	25
EL-237-8	2"	2.375" 2" IPS X 8" LG	2.875"	8"	36
EL-237-12	2"	2.375" 2" IPS X 12" LG	3.500"	12"	52
EL-243	2"	2.430" 2" SIDR 11	2.875"	6"	40

Standard coupling length is 6" unless noted otherwise. Metric sizes are also available.



E-LOC® COUPLINGS CONTINUED

Part No.	Nominal Duct Size	Standard Duct Size	Coupling Body O.D.	Length	Qty Per Case
EL-251	2-1/2"	2.510" 2-1/2" TRUE	2.875"	6"	25
EL-251-8	2-1/2"	2.510" 2-1/2" X 8" LG TRUE	2.875"	8"	-
EL-287	3"	2.875" 2-1/2" IPS	3.500"	6"	24
EL-350	3"	3.500" 3" IPS	4.500"	6"	18
EL-350-8	3"	3.500" 3" IPS X 8" LG	4.500"	8"	12
EL-350-12	3"	3.500" IPS X 12" LG	4.500"	12"	9
ELR-350	4"	3.500 REPAIR SLEEVE	4.500"	6"	18
EL-400	4"	4.500" 4" IPS	4.500"	6"	12
EL-400-8	4"	4.500" 4" IPS X 8" LG	5.563"	8"	10
EL-400-12	4"	4.500" X 4" IPS X 12" LG	5.563"	12"	6
EL-400-14	4"	4.500" X 4" IPS 14" LG	5.563"	14"	10
ELR-400	4"	4.500" REPAIR SLEEVE	5.563"	6"	12
ELR-400-8	4"	4.500" REPAIR SLEEVE X 8" LG	5.563"	8"	10
EL-435	4"	4.350" 4" C DUCT	5.563"	6"	12
EL-471	4"	4.710" O.D. DUCT	5.563"	6"	12
EL-471-12	4"	4.710" OD DUCT X 12" LG	5.563"	12"	10
EL-476	4"	4.760" O.D. DUCT	5.563"	6"	12
EL-476-8	4"	4.760" O.D. DUCT X 8" LG	5.563"	6"	10
EL-476-14	4"	4.760" O.D. DUCT X 14" LG	5.563"	14"	10
EL-500	5"	5.563 5" IPS	6.662"	6"	16
EL-500-8	5"	5.563" 5" IPS X 8" LG	6.662"	8"	10
EL-500-12	5"	5.563" 5" IPS X 12" LG	6.662"	12"	5
EL-600	6"	6.625" 6" IPS	7.702"	6"	12
EL-600-8	6"	6.625" 6" IPS X 8" LG	7.702"	8"	6
EL-600-12	6"	6.625" X 6" IPS X 12 LG	7.702"	12"	6
ELR-600	6"	6.625" REPAIR SLEEVE	7.702"	6"	12
ELR-600-8	6"	6.625" REPAIR SLEEVE X 8" LG	7.702"	2'	6
EL-800-8	8"	8.625" 8" IPS X 8" LG	10.500"	8"	2

Standard coupling length is 6" unless noted otherwise. Metric sizes are also available.

E-LOC-PLUS COUPLINGS

COUPLERS

A simple coupler to install and ideal where higher pull out strengths are needed. The molded rubber gripping insert creates a water-tight and air-tight seal, while the additional screws aid to increase the pull out strength.

FEATURES

- Water and air-tight
- For buried applications
- Higher pull out strength
- Designed for minimum wall of 0.140" or thicker conduit wall
- Each coupler has 12 screws



Part No.	Nominal Duct Size	Standard Duct Size	Coupling Body O.D.	Length	Qty Per Case
EL-105 PLUS	3/4"	1.050" 3/4" IPS w/2 SCREWS	-	-	TBD
EL-131 PLUS	1"	1.315" 1" IPS w/4 SCREWS	2.375"	6"	TBD
EL-166 PLUS	1-1/4"	1.660" 1-1/4" IPS w/4 SCREWS	2.375"	6"	TBD
EL-190 PLUS	1-1/2"	1.900" 1-1/2" IPS w/4 SCREWS	2.875"	6"	TBD
EL-235 PLUS	2"	2.350" OD DUCT w/4 SCREWS	3.500"	6"	TBD
EL-237 PLUS	2"	2.375" 2" IPS w/4 SCREWS	3.500"	6"	TBD
EL-243 PLUS	2"	2.430" 2" SIDR 11 w/4 SCREWS	3.500"	6"	TBD
EL-287 PLUS	2-1/2"	2.875 2-1/2" IPS w/4 SCREWS	4.000"	6"	TBD
EL-350 PLUS	3"	3.500" 3" IPS w/8 SCREWS	4.500"	6"	TBD
EL-400 PLUS	4"	4.500" 4" IPS w/8 SCREWS	5.563"	6"	TBD
EL-400-8 PLUS	4"	4.500" 4" IPS x 8" LG w/8 SCREWS	5.563"	8"	TBD
EL-400-12 PLUS	4"	4.500" 4" IPS x 12" LG w/8 SCREWS	5.563"	12"	TBD

E-Loc Plus Couplings are designed for .140" or thicker wall conduit. Standard coupling lengths is 6" unless noted otherwise. Metric sizes also available.

COMPRESSION COUPLER

COUPLERS

Used to join and seal length of HDPE and PVC Duct. The internal double compression seal is created as the end caps are tightened.

NOTE: PVC compression couplers are not recommended for high-pressure air or gas lines, or applications requiring high pull out resistance.

FEATURES

- Water-tight connection
- Assorted sizes
- No special tool required
- Used to join HDPE and PVC
- Not recommended for cable blowing or plow chute applications
- Limited pull out strength



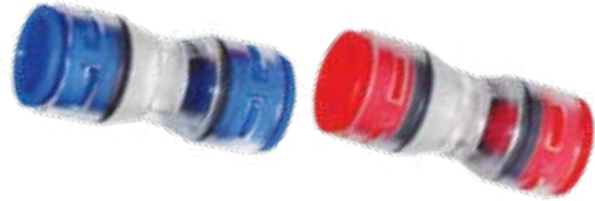
Part No.	Nominal O.D.	Description	Qty
20001835	0.840"	1/2" Compression Coupler	1
20001836	1.050"	3/4" Compression Coupler	1
20001956	1.315"	1" Compression Coupler	1
20001837	1.660"	1-1/4" Compression Coupler	1
20002076	1.900"	1-1/2" Compression Coupler	1
20001838	2.375"	2" Compression Coupler	1
20001839	2.875"	2-1/2" Compression Coupler	1
20003072	3.500"	3" Compression Coupler	1
20001840	4.500"	4" Compression Coupler	1



COMFIT COUPLERS

Designed specifically for FTTx applications, the Condux® Microfit Couplers combine ease of use, chemical resistance and ability to accommodate the high pressure encountered when installing fiber with micro-blowing equipment.

The innovative transparent design ensures proper attachment by allowing the installer to visually verify that each end of the duct has been seated properly inside the coupler. Once connected, the air and water tight seal will hold pressure up to 232 PSI (16 Bar) in temperatures ranging from -4°F - 140°F (-20°C to 60°C).



Part No.	Description
08566310	Straight Connector - 5 mm Microfit
08566320	Endstop Connector - 5 mm Microfit
08566312	Straight Connector - 7 mm Microfit
08566322	Endstop Connector - 7 mm Microfit
08566335	Straight Connector - 8 mm Microfit
08566336	Endstop Connector - 8 mm Microfit
08566313	Straight Connector - 8.5 mm Microfit
08566323	Endstop Connector - 8.5 mm Microfit
08566315	Straight Connector - 10 mm Microfit
08566325	Endstop Connector - 10 Microfit

Part No.	Description
08566310	Straight Connector - 5 mm Microfit
08566320	Endstop Connector - 5 mm Microfit
08566312	Straight Connector - 7 mm Microfit
08566322	Endstop Connector - 7 mm Microfit
08566335	Straight Connector - 8 mm Microfit
08566336	Endstop Connector - 8 mm Microfit
08566313	Straight Connector - 8.5 mm Microfit
08566323	Endstop Connector - 8.5 mm Microfit
08566315	Straight Connector - 10 mm Microfit
08566325	Endstop Connector - 10 Microfit



GAS BLOCK CONNECTOR

MICRO DUCT

Gas Block Connectors provide a simple and effective gas seal between the Micro Duct and the fiber cable to prevent gas, water, or moisture from entering the duct. The connector creates a seal around the installed cable.

FEATURES

- Available for 5mm - 18mm Micro Ducts
- Each size accommodates a range of different fiber cable O.D.'s



Part No.	Connector Size
20001801	5mm Connector for 0.9-2.5mm cable
20005786	7mm Connector for 0.5-3.5mm cable
20002104	8.5mm Connector for 3.3-4.0mm cable
20003843	14mm Connector for 5.0-8.0mm cable
20002843	12mm Connector for 3.0-6.0mm cable 2
20003363	12.7mm Connector for 5.0-8.0mm cable
20003877	14mm Connector for 5.0-8.0mm cable
20003887	16mm Connector for 5.0-8.0mm cable
20093608	18mm Connector for 3.0-6.0mm cable
20004052	18mm Connector for 7.0-10.0mm cable



MICRO COUPLERS

MICRO DUCT

Micro Couplers are used to join two segments of Micro Ducts. Straight and Transition couplers are available. Multiple sizes available starting at 5 mm.

FEATURES

- Provide an air and water-tight connection
- Color coded by size
- Tested to meet or exceed the stringent requirements of CENELEC EN 50411-2-8:2009
- Low profile design
- Approved for use at 232 PSI/ 16 Bar



Part No.	Standard Duct Size	Coupler O.D./I.D.
20001462	5 mm Straight Coupler	5/3.5 mm
20001463	7 mm Straight Coupler	7/5.5 mm
20001834	8.5 mm Straight Coupler	8.5/6 mm
20005069	12mm Straight Coupler	12/10 mm
20001832	12.7 mm Straight Coupler	12.7/10 mm
20005735	16 mm Straight Coupler	16/13 mm
20005217	18 mm HD Straight Coupler	18/10 mm
20004910	22 mm Straight Coupler	22/18 mm
20005496	27 mm Straight Coupler	27/20 mm
20004725	6 mm Straight Coupler	6/3 mm
20003948	8 mm Straight Coupler	8/6 mm
20001831	10 mm Straight Coupler	10/6 mm
20003430	14 mm Straight Coupler	14/10 mm
20001517	16 mm Straight Coupler	16/12 mm
20001518	18 mm Straight Coupler	18/14 mm
20003137	22 mm Straight Coupler	22/16 mm

MICRO END CAPS

MICRO DUCT

Seal the ends of your Micro Ducts with Micro End Caps. Sizes available from 5mm to 22mm.

FEATURES

- Provide an air and water-tight connection; keep debris out of Micro Duct pathway
- Color coded by size
- Approved for use at 230 PSI/16 Bar
- Low profile design



Part No.	Standard Duct Size
20002863	5mm End Cap
20004722	6mm End Cap
20001486	7mm End Cap
20005273	8mm End Cap
20001819	8.5mm End Cap
20003197	10mm End Cap
20001484	12mm End Cap
20001482	12.7mm End Cap
20003431	14mm End Cap
20001908	16mm End Cap
20001485	18mm End Cap
20003138	22mm End Cap
20005848	27mm End Cap



DIRECT BURY COUPLERS

Designed specifically for FTtx applications, the Condux® Microfit Couplers combine ease of use, chemical resistance and ability to accommodate the high pressure encountered when installing fiber with micro-blowing equipment.



Part No.	Description
08566350	Direct Bury, Straight Connector - 7 mm
08566351	Direct Bury, End Stop - 7 mm
08566352	Direct Bury, Straight Connector - 8 mm
08566353	Direct Bury, end Stop - 8mm
08566354	Direct Bury, Straight Connector - 10 mm
08566355	Direct Bury, End Stop - 10 mm
08566356	Direct Bury, Straight Connector - 12 mm

Part No.	Description
08566357	Direct Bury, End Stop - 12mm
08566358	Direct Bury, Straight Connector - 12 mm
08566359	Direct Bury, End Stop - 14 mm
08566360	Direct Bury, End Stop - 14 mm
08566361	Direct Bury, End Stop - 16 mm
08566362	Direct Bury, Straight Connector - 20 mm
08566363	Direct Bury, End Stop[- 20 mm



FUTUREPATH ENCLOSURE CONNECTOR

MICRO DUCT

Recommended Micro Duct enclosure connector - OUTSIDE PLANT TYPE (OSP). Bulkhead Connectors are also available in sizes 8.5mm and 12.7mm

FEATURES

- Includes lock & nut
- Choose size based upon FuturePath configuration and size of Micro Duct



5MM Enclosure Connector	
Configuration	Part No.
Single Micro Duct	20003039
2-Way	20003040
3-Way	20003041
4-Way	20003042
7--Way	20003043
12-Way	20003044
19-Way	20003045
24-Way	20003046
25-Way	20003047

8.5MM Enclosure Connector	
Configuration	Part No
Single Micro Duct	20003048
2-Way	20001915
3-Way	20003049
4-Way	20001916
7--Way	20001917
12-Way	20001918
19-Way	20001919
24-Way	20001920

12.7MM Enclosure Connector	
Configuration	Part No.
Single Micro Duct	20003050
2-Way	20003051
3-Way	20003052
4-Way	20003053
7--Way	20003054

12.7MM Enclosure Connector	
Configuration	Part No.
4-Way	20003961
7--Way	20003478

MICRO DUCT MOUNTING BRACKET

MICRO DUCT

The Micro Duct organizer was designed to organize Micro Ducts at termination. It's small and compact, requiring a minimum amount of mounting space. The modular design allows ordering additional brackets as needed. When ordering the Mounting Plate, please note you will also need to order a Mounting Bracket to complete the first row.

FEATURES

- Ideal to organize MDU installations
- Modular System can expand to hold multiple Micro Ducts
- Wall Mounting Plate - attaches base to wall
- Mounting Bracket - secures each row of Micro Ducts
- Additional Brackets can be ordered for expansion



DIVISIBLE DUCT SEAL KIT

MICRO DUCT

Divisible Duct Seals provide an air- and water-tight seal between the cable O.D. and the inner wall of the Micro Duct. The hard outer cover is divisible so it can be easily installed around an existing cable.

FEATURES

- Divisible cover and seals for easy installation round existing cables
- Durable outer shell with multiple inner seals to accommodate a range of cable sizes
- Inner seals are color coded to quickly differentiate between cable O.D's
- Available for Micro Duct sizes 5mm - 18mm



SPLICE KITS

MICRO DUCT

FuturePath Splice Kits provide all the necessary components to join segments of FuturePath. Kits include correct size of sleeve, couplers, sealant strips, vinyl tape and locate wire connector.

FEATURES

- Provides superior splice point protection from impact and external conditions
- Designed for direct bury applications
- Contains all items necessary for splicing and connecting FuturePath
- Low profile
- Additional mechanical protection to maintain integrity of air and water-tight Micro-coupled bundle
- Custom designed for each FuturePath configuration
- Does not compromise jetting or cable installation performance
- Detailed instructions provided with each kit on proper splice procedures and usage



MICRO DUCT CUTTERS

MICRO DUCT

Using the correct tool for the job makes all the difference. Choose from a variety of cutters designed with a special purpose in mind - making the job go safely, smoothly, and quickly.

FEATURES

- The Straight Micro Duct Cutter creates a clean, 90 degree cut that is required at the Micro Duct splice point
- The round Micro Duct Cutter operates similarly, but only cuts the Micro Duct itself. It leaves the MicroCable or pull string inside the Micro Duct unscathed
- The Longitudinal Sheath Slitter is used to remove FuturePath oversheath. Includes a dual, reversible cutting blade with safety guards and an extra dual-sided blade in the handle. Additional blade storage is also available in the handle
- Various sizes of Ratchet, Rotary and Micro Duct cutters are also available



MDS ENCLOSURE

MICRO DUCT

FEATURES

- MDS (Micro Duct Distribution System) is designed for indoor enterprise, data center and DAS applications
- The MDS can be used for managing all forms of duct up to 2 1/2" O.D.
- The MDS can be used as a termination point, a pass through, and as a breakout box for routing large count cables into an OCEF
- Scalable - the MDS can be deployed as a single unit or stacked and attached back to back for larger jobs
- Unique, angular design allows for gentle sweeps to enhance fiber blowing
- Can be mounted to the wall or overhead ladder rack (12", 18" or 24")
- The MDS will accept splice trays



TURBOSLITTER

The TurboSlitter™ from Condux can easily split HDPE pipe with wall thicknesses ranging from 0.097 to 0.216 inches! The cordless drill attachment quickly adjusts to fit almost any rechargeable drill, 14-volt and larger. Save time and effort on the job with the TurboSlitter from Condux.

- Can be used with a standard drill
- Lightweight shear head for eas one-hand control
- Effortless splitting HDPE pipe

Part No.	Description
08010220	Turboslitter-Cordless Drill Attachment
08010203	Replacement Blades



TOOLS BUILT TO GO THE DISTANCE

ZIDS ZIP INNER-DUCT SLITTER

The ZIDS (Zip Inner Duct Slitter) Tool inner duct splitter is the fastest, safest, and handiest device for inner duct splitting currently on the market. Our inner duct splitter can cut through pipe walls within seconds and with little effort. Our inner duct splitter is available nationwide via our distributors

- 5/16" cutting diameter
- Cuts duct up to 1/2" wall thickness
- Cuts in any direction with ease
- Up to 25,000 RPM
- Patent pending design that prevents damage to the fiber during operation

Part No.	Description
70464	1 Pack
70465	3 Pack



TOOLS BUILT TO GO THE DISTANCE

LONGITUDINAL DUCT SLITTER

This device is a mechanically-assisted, hand-operated tool designed to make longitudinal slits in long lengths of innerduct.

- Works with innerduct from 1 1/4 in. to 2 in.
- Excellent for use with High Density Polyethylene (HDPE) & Medium Density Polyethylene (MDPE)
- Ratchet design is safer for both user & cable as compared to sheath knives
- Can slit from either an open end of innerduct or mid-section
- Regulated cutter depth control for wall thicknesses .150 – .275 in.
- Comes with a blue leather storage pouch and blade protector
- User supplies standard 3/8 in. drive ratchet wrench

Part No.	Description	Weight
10900	Longitudinal Duct Slitter	3 lbt
10901	Double-sided replacement blade	
09700	3/8 in. Ratchet Wrench	





TOOLS BUILT TO GO THE DISTANCE

CABLE SHEATH & INNERDUCT SLITTER

An ingenious tool with a ratcheting design that longitudinally slits the outer sheath of telecom cables.

- Works with cable from 1/2 in. to 4 in.
- Ratchet design is safer for both user & cable compared to sheath knives
- Can slit from either an open end of cable or mid-section
- Regulated cutter depth control eliminates conductor damage
- Also effective on innerduct
- Double-sided replacement blade available (10901)
- Plastic case includes stripper tool, blade, Allen wrench & plastic shim for small diameter cables

Part No.	Description	Weight
10923	Cable Sheath Slitter	2 lb 11 oz
10901	Double-sided replacement blade	1 oz



RIDGID

LARGE DIAMETER RATCHETING PLASTIC & TUBING CUTTER for PE

- Durable aluminum construction for heavy duty use
- Ergonomic grips on bottom handle are spaced at 1/2" increments to act as a quick pipe measuring scale
- Easy turn-thumb latch for reliable storage
- X-CEL™ quick change blade
- Large 23/8" (63 mm) O.D. capacity
- Burr-less cutting operation provides a square cut

Part No.	Description	Capacity O.D.		Weight		Standard Pack
		in	mm	lb	kg	
RC-2375	Ratchet Action Plastic Pipe & Tubing Cutter	1/2"-2-1/2"	12 - 63	1.64	.8	6
RCB-2375	RC-2375 Replacement Blade	-	-	0.44	.2	1



RIDGID

4 WHEEL PIPE CUTTER

- Designed for work in areas where a complete turn is impossible.
- Model 42-A has a short handle for use in confined areas.
- Second handle on Model 44-S makes two-man leverage possible for large pipe sizes.
- Both models are equipped with four heavy-duty wheels.

Part No.	Description	Capacity O.D.		Weight
		in	mm	lb
32870	42-A Heavy-Duty 4-Wheel Pipe Cutter	3/4"- 2	20 - 50	3.1 lb
32880	42-S Heavy-Duty 4-Wheel Pipe Cutter	2-1/2"- 4	65- 100	9.1 lb
49267	42-A Heavy-Duty 4-Wheel Pipe Cutter w/F448	-	-	-





892 GUILLOTINE PIPE CUTTERS

Designed to cut water/sewer plastic pipe up to 4.0" (125mm) O.D. Comes standard with removable T-Handle design, which can be removed to expose a 1" Hex nut. Wide saddle side-swing opening design simplifies positioning at any point on pipe. This nut can also be driven with a ratchet and 1" socket.

- HDPE/MDPE with low-profile pointed blade * Thin-walled plastic pipe with v-shaped blade
- Coated steel cutter blade creates outstanding ease of cutting and corrosion protection
- Wide saddle side-swing opening design simplifies positioning at any point on pipe
- Wide saddle base provides sturdy, positive pipe support
- Stainless steel fasteners and hardware
- Structural members produced from aircraft-grade aluminum
- Dry-lube coated drive screw

Part No.	Description
892	Guillotine Pipe Cutter
701149	Replacement V-Shaped Blade PTFE Coated
700692	Replacement Straight Blade PTFE Coated
6515	Ratchet
506032	Socket



1697 GUILLOTINE PIPE CUTTERS

Designed to cut thin-walled water/sewer plastic pipe up to 8.0" (225mm) O.D. Comes standard with removable T-Handle design, which can be removed to expose a 1" Hex nut. This nut can also be driven with a ratchet and 1" socket.

- HDPE/MDPE with low-profile pointed blade * Thin-walled plastic pipe with v-shaped blade
- Coated steel cutter blade creates outstanding ease of cutting and corrosion protection
- Wide saddle side-swing opening design simplifies positioning at any point on pipe
- Wide saddle base provides sturdy, positive pipe support
- Stainless steel fasteners and hardware
- Structural members produced from aircraft-grade aluminum
- Dry-lube coated drive screw

Part No.	Description
1697	Guillotine Pipe Cutter
701358	Stainless Steel V-Blade
6515	Ratchet
506032	Socket





1894 GUILLOTINE PIPE CUTTERS

Designed to cut thin-walled water/sewer, NDPE and HDPE plastic pipe up to 8.0" (225mm) O.D. Comes standard with removable T-Handle design, which can be removed to expose a 1" Hex nut. This nut can also be driven with a ratchet and 1" socket.

- HDPE/MDPE with low-profile pointed blade * Thin-walled plastic pipe with v-shaped blade
- Coated steel cutter blade creates outstanding ease of cutting and corrosion protection
- Wide saddle side-swing opening design simplifies positioning at any point on pipe
- Wide saddle base provides sturdy, positive pipe support
- Stainless steel fasteners and hardware
- Structural members produced from aircraft-grade aluminum
- Dry-lube coated drive screw

Part No.	Description
1894	Guillotine Pipe Cutter
701567	Low-profile Pointed Blade



1897 GUILLOTINE PIPE CUTTERS

Designed to cut thin-walled water/sewer, NDPE and HDPE plastic pipe up to 8.0" (225mm) O.D. Comes standard with removable T-Handle design, which can be removed to expose a 1" Hex nut. This nut can also be driven with a ratchet and 1" socket.

- HDPE/MDPE with low-profile pointed blade * Thin-walled plastic pipe with v-shaped blade
- Coated steel cutter blade creates outstanding ease of cutting and corrosion protection
- Wide saddle side-swing opening design simplifies positioning at any point on pipe
- Wide saddle base provides sturdy, positive pipe support
- Stainless steel fasteners and hardware
- Structural members produced from aircraft-grade aluminum
- Dry-lube coated drive screw

Part No.	Description
1897	Guillotine Pipe Cutter
701454	Stainless Steel V-Blade
60515	Ratchet
506032	Socket





DELTA 160 M

Manual butt fusion welder for pipes 1" IPS - 5" IPS (32 mm to 160 mm). Leading fixtures are the restricted weight, minimum overall dimensions and versatility. Featuring: a machine body, two clamps, an extractable electric milling cutter provided with a safety micro-switch, an extractable heating plate (with an independent thermometer to see the real working temperature and an electronic thermo regulator "Digital Dragon" with display), a locking device that helps the operator to apply the necessary welding force and two lateral supports (on request). The machine is designed to butt fuse tees, ells and other fittings.

FEATURES

- Job site manual welding machine
- Lightweight, minimum overall dimensions and versatility
- Working range 1" IPS - 5" IPS (32 - 160 mm)
- Power Supply: 110 V and 230 V
- Milling cutter provided with a safety micro-switch
- Electronic thermo-regulator "Digital Dragon"
- Fuse a variety of fittings

Working Range	1" IPS - 5" IPS pipe (32 mm - 160 mm)
Weight	39.7 lb
Weight Facer	16.6 lb
Power Supply	120 V - 50/60 Hz, 1 Ph
Maximum absorbed power	1850 W
Facer	1000 W
Heater	850 W
Materials	HDPE, PP, PVDF



ACCESSORIES

- An optional 2 wheels stand/trolley for easy transport
- Lateral pipe supports

DELTA 250 TRAILER MANUAL

DELTA 250 TRAILER MANUAL: self-aligning hydraulic butt fusion machine, suitable for welding under pressure pipes for water, gas and other fluids up to 8" DIPS (250 mm). Welds according to the International standards ISO 21307 HIGH PRESSURE / ASTM F2620. DELTA 250 TRAILER MANUAL is able to weld fittings like elbows, tees, Y-branches and flanges necks. Available in the 110 V and 230 V versions. Includes: A trailer-mounted machine body, easily removable from the trolley

FEATURES

- Fast-locking adapters system SMART-Lock RITMO Patented, change adapters in a few seconds
- An on-board electric milling cutter with a safety micro-switch
- An extractable milling cutter with a safety micro-switch
- An extractable heating plate Teflon-coated (PTFE) equipped with an independent thermometer
- Two rollers
- A heating plate support which comes with high-temperature proof bag

Technical Features	
Weight	500 lb
Working Temperature	180° - 260° C (356° F - 500° F)
Outside Temperature Range	-10° 0 40° C (14° - 104° F)
Maximum absorbed power	4400 W (110 V), 4200 W (230 V)
Power Supply	110 V - or 230 s-phase 50/60 Hz
Dimensions	43.3" x 52.7" x 51.1"
Materials	HDPE, PP, PB, PVDF



ACCESSORIES

- Clamp inserts from 2"- 8" IPS, 3"- 8" DIPS
- Tool to weld flange necks/Stud-end holder



DELTA 250 TRAILER

DELTA 250 TRAILER is an electro-hydraulic butt fusion machine with fusion capabilities ranging from 2" IPS to 8" DIPS (75 mm - 250 mm) pipe sizes. It is designed for in-field fusion of HDPE pipe and fittings and other plastic pipes. RAM 28 is able to weld fittings like elbows, tees, Y - branches and flange necks. Available in the 110 V and 230 V versions.

FEATURES

- Wheeled chassis for easy maneuvering on the jobs
- Machine body and control panel can be easily removed for in ditch use
- Working range: 2" IPS - 8" DIPS (75 mm - 250 mm)
- Body machine with two working position: inclined or horizontal
- On-Board milling cutter with safety micro switch
- Automatic Fusion Control "EASY LIFE" SMARTLock inserts
- Lateral pipe lift aids in loading and unloading pipe

Working Range	2" IPS - 8" IPS pipe (75 mm - 250 mm)
Weight	187 lb
Standard Composition	450 lb
Working Temperature	356° F - 500° F
Outside Temperature Range	14° - 104° F
Maximum absorbed power	4400 W (120 V), 4200 W (230 V)
Power Supply	120 V - or 230 V 1PH, 50/60 Hz
Time to reach temperature	20 min
Materials	HDPE, PP, PB, PVDF



ACCESSORIES

- Tool for flange necks
- Software for data download (data logging) with serial/usb cable

DELTA 355 ALL-TERRAIN M

DELTA 355 TRAILER is an hydraulic fusion machine with manual control to butt fuse pipe sizes from 4" IPS to 14" IPS (125 - 355 mm). The machine is designed for in-field fusion of HDPE pipe and fittings and other plastic pipes needs of the water, gas and other fluids under pressure.

FEATURES

- Manual hydraulic control level system: simple, traditional and intuitive to use
- 4 Wheeled vehicle for easy maneuvering on the job site
- On-board generator for powering heater and other devices
- On-board facer and Heater plates
- Electronic thermo-regulator "Digital Dragon"
- SMARTLock inserts (patented system)
- Manually operated front and rear pipe lifters are standard

Working Range	4" IPS - 14" IPS pipe (125 mm - 355 mm)
Weight	1,070 lb
Working Temperature	356° - 536°
Outside Temperature Range	14° - 104° F
Time to reach temperature	20 min
Power Supply	Self independent diesel engine 8.6 KW
Dimensions	83.1" x 46.5" x 51.8"
Materials	HDPE, PP, PB, PVDF





DELTA 355 ALL-TERRAIN

DELTA 355 ALL TERRAIN welds HDPE, PP pipes and fittings for the transportation of gas, water and other fluids under pressure from 4" IPS to 14" IPS or from 125 mm to 355 mm. DELTA 355 ALL TERRAIN can be equipped with two types of engine: diesel low vibration and petrol. The engine, like an electrical generator, independently gives the necessary power supply to the machine during all its working and movement phases. EASY LIFE fusion system: hardware and software have been developed to interact to each other sharing data during the entire workflow. Once set the welding parameters up, the system guarantees the repetition of the welding cycle, avoiding errors. The operator only have to confirm the work phases on the just pushing a button. Possibility to pre-set 20 customized.

FEATURES

- Independent, self contained
- On-board generator
- Powered by low vibration gas/diesel engine
- Machine body and control panel can be easily removed for in-ditch
- Motorized wheels
- Heating plate and facer with gas-spring for easy lift/lower
- Heating plate and facer locking system for safe transportation
- Fusion Control "EASY LIFE"
- GPS system incorporated
- Electronic thermo-regulator "Digital Dragon"
- Milling cutter with safety micro-switch
- SmartLock inserts
- USB ports for Data-Logging, 4,000 reports, data downloads, firmware upgradeable
- Kit for network power supply connection



Working Range	4" IPS - 14" IPS pipe (125 mm - 355 mm)
Weight	1,664 lb
Power Supply	On-board generator- Self contained - Diesel Engine 8.6 kW/Gasoline 14.5 kW
Fuel Tank Capacity	6.6 gallons
Operational Tank Capacity	12 Hours
Max Absorbed Power	230 V Single Phase 5/60 Hz
Memory	4,000 Reports
Dimensions	87" x 62" x 48"
Materials	HDPE, PP

ACCESSORIES

- Inserts 4"- 12" IPS, 4"- 12" DIPS
- Tool for flange necks
- HS 355 Rollers
- Printer
- Kit for In-Ditch use
- Plug for network power supply connection
- Lifting kit





DELTA 355 TRAILER

DELTA 250 TRAILER is an electro-hydraulic butt fusion machine with fusion capabilities ranging from 2" IPS to 8" DIPS (75 mm - 250 mm) pipe sizes. It is designed for in-field fusion of HDPE pipe and fittings and other plastic pipes. RAM 28 is able to weld fittings like elbows, tees, Y - branches and flanges necks. Available in the 110 V and 230 V versions.

FEATURES

- Wheeled vehicle for easy maneuvering on the job site
- Chassis and control panel can be easily removed for in-ditch fusion
- Chassis with two working position: inclined or horizontal
- On-board electric facer with safety micro switch to prevent form accidental starts
- Extractable heater plates equipped with independent thermometer
- Automatic Fusion Control "EASY LIFE" (patented system)
- SMARTLock inserts
- Lateral pipe lift aids in loading and unloading pipe
- Data logging incorporated
- Software for data download with serial/USB cable

Working Range	4" IPS - 14" IPS pipe (125 mm - 355 mm)
Weight	1,070 lb
Working Temperature	356° F - 536° F
Outside Temperature Range	14° - 104° F
Maximum absorbed power	9300 W
Power Supply	230 V 1PH, 50/60 Hz
Time to reach temperature	20 min
Materials	HDPE, PP, PB, PVDF



DELTA 500 ALL-TERRAIN

DELTA 500 ALL TERRAIN is powered by a low-vibration diesel engine and equipped with front steering wheels and rear traction. The machine is suitable for welding pressure pipes (HDPE, PP) for the transportation of water, gas and other fluids up to 20" IPS (500 mm).

FEATURES

- Welds fittings like elbows, tees, Y-branches and stub flanges
- RITMO Patented assisted system to open/close/lift clamps-heater-facer
- Fast-locking system which allows to place and remove inserts in seconds
- "Easy Life" welding system
- GPS traceability
- Data-logging included, Memory up to 4,000 joint reports downloadable into PDF files
- Intuitive control panel and large graphic display
- Machine body and on-board generator, removable in tight spaces
- Wheeled chassis designed to lifted up using a forklift
- Two lateral rollers that can be operated by a drill

Working Range	6" IPS - 20" IPS pipe (200 mm - 500 mm)
Weight	2,975 lb
Working Temperature	356° F - 536° F
Machine Body Dimensions	71.7" x 45.3" x 38.9"
Maximum absorbed power	7,250 W
Power Supply	On-board generator, Diesel Engine, 230 V 3PH 50/60 Hz
Time to reach temperature	20 min
Materials	HDPE, PP



ACCESSORIES

- Clamp inserts from 7.87" - 19.685"
- Tool for flange necks
- Kit for data transfer to printer ESC-POS
- HS Rollers 630



DELTA 500 TRAILER

DELTA 500 TRAILER is a self-aligning fusion machine, suitable for welding thermoplastic pipes for the transport of water, gas and other fluids under pressure, up to 20" IPS.

FEATURES

- Data Logging incorporated
- Large graphic display
- 4,000 memories, USB data retrieval
- GPS traceability
- Patented assisted system to open/close clamps-heater-facer
- Electronic control "Easy Life"
- Welds pipe to fittings/stub-ends between 3rd and 4th clamps
- Fast locking/unlocking of inserts with "SMARTLock"
- Chassis removable from 4-wheeled trolley
- Two lateral rollers can be operated by electrical drill
- Chassis designed to be lifted by forklift

Working Range	6" IPS - 20" IPS pipe (200 mm - 500 mm)
Weight	1,280 lb
Power Supply	230 V 1Ph, 50-60 Hz or 230 V 3Ph, 50-60 Hz
Total absorbed power	7,250 W
Working Temperature	356° - 536° F
Outside Temperature Range	14° - 104° F
Machine Body Dimensions	71.7" x 45.3" x 32"
Materials	HDPE, PP, PVDF



REMEDY 500

REMEDY 500 is an independent, high-productivity welding machine driven by tracks and powered by a Diesel on-board generator. Designed for butt welding HDPE and PP pipes from 6" to 20" IPS from 6" to 18" DIPS. Suitable for ISO 21307 High Pressure and ASTM F2620 fusion standards.

FEATURES

- Designed to weld according to: ISO 21307 High Pressure ASTM F2620 Standards
- Removable auxiliary panel to control facer/heater plate
- Heating plate with a high temperature resistant protection casing
- Patented system to open/close clamps
- Remote control track up to 328' (100m)
- Spotlights on welding area
- Hydraulic side rollers
- Heater/facer on-board
- Easily welds fittings/quick set-up time
- Wireless controls allow the operator to always move the tracked welding machine safely

Working Range	6" IPS - 18" DIPS pipe (200 mm - 500 mm)
Weight	4,960 lb
Diesel Fuel Tank	11.2 gal
Autonomy	21 Hours
Hourly Consumption	1 gal
Max Operating Slope	30%
Machine Body Dimensions	9.2' x 5.9' x 6.4'
Materials	HDPE, PP





DELTA 630 ALL-TERRAIN

DELTA 630 ALL-TERRAIN wants to mark a turning point to the world of Field Fusion. It stands out for being extremely easy to set up and work with. Take the heating plate and face disconnecting system for example; the positioning removal of the pipes is made without obstacles, giving the operator more time for what really matters.

FEATURES

- 4 steering wheel drive
- Diesel engine
- Self-contained with on-board generator
- Sliding 3rd CLAMP for welding fittings
- Automatic welding System "Easy Life"
- Data logging with gps
- Detachable Control Panel
- Trench-Friendly
- SMARTLock inserts Hydraulic Lifts
- Hydraulic-controlled Clamps and Milling cutter
- Climbs rough terrain up to 30%

Working Range	8" IPS - 24" IPS pipe (225 mm - 655mm)
Weight	6,613 lb
Engine	2,200 cc- 22,7 kW
Fuel Type	Diesel
Fuel Tank Capacity	10.5 gallons
Operational Tank Capacity	12 Hours
Hydraulic Reservoir Capacity	21 gallons
Materials	HDPE, PP



DELTA 630 TRAILER

DELTA 630 TRAILER is a self-aligning fusion machine, suitable for welding thermoplastic pipes for the transport of water, gas and other fluids under pressure, up to 24" DIPS.

FEATURES

- Data logging incorporated
- Electronic control "Easy Life"
- USB data port
- 4,000 memories
- Large graphic display
- Welds pipe to fittings/stud-ends between 3rd and 4th clamps
- Inserts with SMARTLock, fast locking/unlocking
- Chassis removable from 4-wheeled trolley
- Two lateral rollers can be operated by a drill
- Chassis designed to be lifted by forklift

Working Range	8" IPS - 24" DIPS pipe (225 mm - 630 mm)
Weight	2,910 lb
Power Supply	400 V Three Phase 50-60 Hz
Total absorbed power	9,300 W
Working Temperature	356° - 536° F
Outside Temperature Range	14° - 104° F
Machine Body Dimensions	98.4" x 73.2" x 58"
Materials	HDPE, PP





REMEDY 1000 EL

REMEDY 1000 EL is an independent, high-productivity welding machine driven by tracks and powered by a Diesel 3.6-cylinder in-line Turbo-Common Rail on-board generator. The machine designed for butt-welding HDPE and PP pipes up to 40" for the transportation of water, gas and other fluids under pressure. The machine can weld according to ISO 21307 High Pressure and ASTM F2620 standards.

FEATURES

- "EASY LIFE" welding system that allows the operator to program and control the machine welding cycle in a simple, fast and intuitive way. The system incorporates a data-logging for welding data records and a GPS for traceability data storage.
- The internal memory allows to record up to 4,000 welds and to download them into a PDF file via USB port.
- the machine body is easily removable from the tracks so to be able to work in confined spaces. An extension kit for working in the ditch is available upon request.
- It is possible to disconnect the welding machine from its generator and connect it to a mainline or another external generator
- Hydraulic system for opening and closing the clamps
- Electro-hydraulic milling cutter on board with safety micro switch and hydraulic movement on the machine
- Heating plate with hydraulic movement on the machine, coated with Teflon (PTFE) and supplied with a high temperature resistant casing which prevents the plate from being damaged by scratches
- Terrain and slope: drives up to 35% slopes
- Remote tracks control for driving the machine on ground
- Control panels for the hydraulic movement of the hotplate cutter and lateral roller. Controlled by intuitive and practical levers
- Removable "Easy Life" welding cycle panel with graphic display
- Raised working position with platform for working operating comfortably
- Adjustable width between tracks for easy transportation
- REMEDY 1000 EL is able to weld fittings such as bends, tees, branches and collars for flanges

Working Range	14" IPS - 36" DIPS pipe (355 mm - 1000 mm)
Weight	9,200 lb
Diesel Fuel Tank	42.2 gallons
Autonomy	10h 30min
On-Board Generator	3,600 cc - 85 kW 2,300 RPM
Materials	HDPE, PP

ACCESSORIES

- Clamp inserts from 14" - 36" IPS/DIPS
- Tool for flange necks
- Kit for In-Ditch use
- Kit hoist





DELTA 1000 TRAILER

DELTA 1000 TRAILER is a self-aligning fusion machine, suitable for welding thermoplastic pipes for the transport of water, gas and other fluids under pressure, up to 36" IPS/DIPS. DELTA 1000 TRAILER allows to easily weld fittings like elbows, tees, Y-branches and stub flanges.

FEATURES

- Machine body mounted on a 4 wheeled chassis, easily removable for working in tight spaces
- Steel hydraulic clamping with the fast-locking inserts, which allows to place and remove inserts in seconds
- Self detaching device: helps removing the heating plate during welding procedure
- 4 wheeled chassis with 2 steering wheels and a safety brake
- An on-board hydraulic electric facer that is equipped with a safety micro switch
- An on-board hydraulic heating plate Teflon-coated (PTFE) which comes with a high-temperature proof bag
- A control panel with large graphic display which is removable from the machine
- GPS traceability
- Data-logging system to store full welding data
- USB port
- PDF files
- Store up to 4,000 joint reports
- Two hydraulic lateral rollers

Working Range	14" IPS - 36" IPS pipe (125 mm - 355 mm)
Weight	1,070 lb
Working Temperature	356° F - 536° F
Outside Temperature Range	14° - 104° F
Maximum absorbed power	32,000 W
Machine Body Dimensions	153" x 114" x 112"
Power Supply	400 V 3Ph, 50/60 Hz
Materials	HDPE, PP

ACCESSORIES

- Clamp inserts from 14" - 36" IPS/DIPS
- Tool for flange necks
- Trolley
- Kit Serial Printer
- Kit for In-Ditch use
- Kit hoist





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