

CATALOG



wire + conduit™

INNERDUCT & CUSTOM ARMOR PRODUCT CATALOG

CPID • Protect-N-Duct™ Innerduct • Single & Dual Wall Kortech® • HDPE Solid Wall • Accessories

A PART OF



Solutions That Work

Eastern Wire + Conduit™ products provide high quality cable protection to a vast array of fiber optic and telecommunication industries, including health care, education and manufacturing.

Eastern products are made in the USA from global sourced raw materials. We have brought together innovation and engineering in our quality controlled factories to manufacture outstanding protective raceways. Recently, we have introduced several new products such as Armor-Duct™, Armor-FP™, Cable-N-Conduit (CIC), Toneable Duct and Multi-Duct to our product line.

Eastern Wire + Conduit™ pioneered the development of specialty protection identification products and services, especially with regards to optical fiber and UTP copper cables.

Due to our dedication to Engineering, Product Innovation, Quality and Customer Service Support – we have earned your trust. Your partner in raceway protection – Eastern Wire + Conduit.





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Protect-N-Duct™ – Plenum

Description

- Corrugated flexible plenum innerduct rated FT6, with standard pull tape
- Extremely lightweight, allowing easier handling and less expensive installation equipment

Application

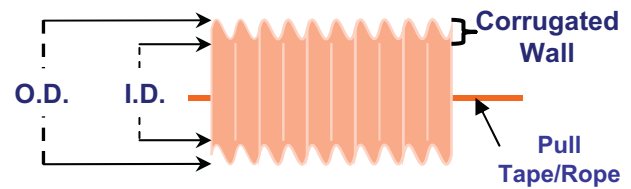
- Corrugated flexible innerduct ETL listed & CSA certified for applications in Optical Fiber/Communication Cable Raceway systems

Colors

- Available in orange, white, yellow and blue

Markings

- Eastern Wire + Conduit
- Protect-N-Duct Plenum
- Optical Fiber/Communication Raceway
- FT 6
- ETL logo
- Date of Manufacture
- Sequential length markings



Dimensions

INNERDUCT – PLENUM

Trade Size	Inside Diameter (I.D.) in. (mm)	Outside Diameter (O.D.) in. (mm)
3/4"	0.774 - 0.834 (19.66 - 21.18)	1.020 - 1.060 (25.91 - 26.92)
1"	0.999 - 1.059 (25.40 - 26.90)	1.285 - 1.325 (32.64 - 33.65)
1 1/4"	1.328 - 1.392 (33.73 - 35.36)	1.628 - 1.672 (41.35 - 42.47)
1 1/2"	1.558 - 1.622 (39.57 - 41.20)	1.868 - 1.912 (47.45 - 48.56)
2"	2.015 - 2.079 (51.18 - 52.81)	2.323 - 2.387 (59.00 - 60.63)

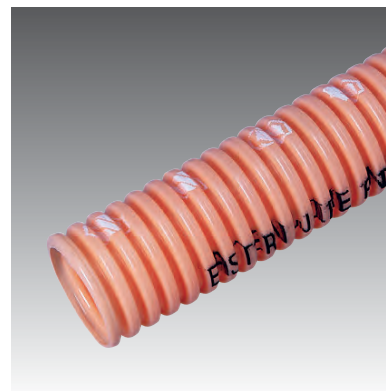
Protect-N-Duct™ – Plenum

Specification Description

- An extremely lightweight non-metallic corrugated flexible innerduct
- For use as Raceway for Optical Fiber and Communication Cables in Plenum applications

Reference & Ratings

- Plenum – FT6 rated
- ETL Listed to UL 2024 (Signaling, Optical Fiber and Communications, Raceways and Cable Routing Assemblies)
- CSA Certified to CSA C22.2 No. 262-04 (Optical fiber and communication cable raceway systems)



INNERDUCT – PLENUM – REELS

Product Codes, Trade Sizes, Specifications, Packaging & Weights

Trade Size	Part Number	Pull Tape	Put-Up	Average I.D. (Inches)	Average O.D. (Inches)	Weight (lbs/foot)	Weight (lbs/Full Reel)
3/4"	PDP0750F1000R	200#	1000	0.804	1.040	0.090	170
3/4"	PDP0750F5000R	200#	5000	0.804	1.040	0.090	570
1"	PDP1000F0500R	900#	500	1.029	1.305	0.110	125
1"	PDP1000F1000R	900#	1000	1.029	1.305	0.110	175
1"	PDP1000F2000R	900#	2000	1.029	1.305	0.110	300
1"	PDP1000F2500R	900#	2500	1.029	1.305	0.110	365
1"	PDP1000F3000R	900#	3000	1.029	1.305	0.110	440
1"	PDP1000F5000R	900#	5000	1.029	1.305	0.110	700
1"	PDP1000F8000R	900#	8000	1.029	1.305	0.110	1050
1 1/4"	PDP1250F0500R	900#	500	1.360	1.650	0.175	153
1 1/4"	PDP1250F1000R	900#	1000	1.360	1.650	0.175	255
1 1/4"	PDP1250F1500R	900#	1500	1.360	1.650	0.175	353
1 1/4"	PDP1250F2000R	900#	2000	1.360	1.650	0.175	460
1 1/4"	PDP1250F3200R	900#	3200	1.360	1.650	0.175	685
1 1/4"	PDP1250F4000R	900#	4000	1.360	1.650	0.175	840
1 1/4"	PDP1250F5000R	900#	5000	1.360	1.650	0.175	1015
1 1/2"	PDP1500F0700R	900#	700	1.590	1.890	0.215	231
1 1/2"	PDP1500F1000R	900#	1000	1.590	1.890	0.215	300
1 1/2"	PDP1500F2000R	900#	2000	1.590	1.890	0.215	550
1 1/2"	PDP1500F2500R	900#	2500	1.590	1.890	0.215	656
1 1/2"	PDP1500F4000R	900#	4000	1.590	1.890	0.215	1010
2"	PDP2000F0500R	900#	500	2.047	2.355	0.240	220
2"	PDP2000F0700R	900#	700	2.047	2.355	0.240	268
2"	PDP2000F1000R	900#	1000	2.047	2.355	0.240	350
2"	PDP2000F2000R	900#	2000	2.047	2.355	0.240	630

- Plenum Innerduct is standard Orange or White.
- Special Colors and Put ups are available on request.
- Split Plenum Innerduct is available on request.
- Products in **Bold are stock items.**

Disclaimer and Standard Warranty on inside back cover.

Protect-N-Duct™ – Plenum

INNERDUCT – PLENUM – COILS

Product Codes, Trade Sizes, Specifications, Packaging & Weights

Trade Size	Part Number	Pull Tape	Put-Up	Average I.D. (Inches)	Average O.D. (Inches)	Weight (lbs/foot)	Weight (lbs/Full Reel)
3/4"	PDPU0750F0250C	200#	250	0.804	1.040	0.090	23
3/4"	PDPU0750F0500C	200#	500	0.804	1.040	0.090	45
1"	PDPU1000F0250C	900#	250	1.029	1.305	0.110	28
1 1/4"	PDPU1250F0200C	900#	200	1.360	1.650	0.175	35
1 1/2"	PDPU1500F0150C	900#	150	1.590	1.890	0.215	32
1 1/2"	PDPU1500F0350C	900#	350	1.590	1.890	0.215	75
2"	PDPU2000F0100C	900#	100	2.047	2.355	0.240	24
2"	PDPU2000F0250C	900#	250	2.047	2.355	0.240	60

- Specialty Coils are available on request.

INNERDUCT – PLENUM – SNAP COUPLING FITTINGS

Trade Size	Part Number	Carton Qty
3/4"	PFCSP0750	50
1"	PFCSP1000	50
1 1/4"	PFCSP1250	50
1 1/2"	PFCSP1500	40
2"	PFCSP2000	15

INNERDUCT – PLENUM – SNAP THREADED TA FITTINGS

Trade Size	Part Number	Carton Qty
3/4"	PFTTP0750	50
1"	PFTTP1000	50
1 1/4"	PFTTP1250	50
1 1/2"	PFTTP1500	50
2"	PFTTP2000	25

Disclaimer and Standard Warranty on inside back cover.

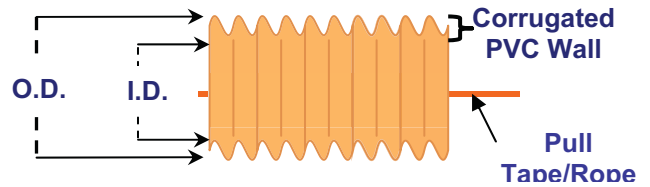
Protect-N-Duct™ – Riser

Description

- Corrugated flexible riser innerduct rated FT4, with standard pull rope or tape. Lightweight, allowing easier handling and less expensive installation equipment.

Application

- Corrugated flexible innerduct UL listed & CSA certified listed for applications in Optical Fiber/ Communication Cable Raceway systems. Suitable for use for use as Raceway for Optical and Communication Cables in vertical runs in a shaft or between floors.



Colors

- Available in white, orange, yellow, blue, green, red, and gray.

Markings

- Eastern Wire + Conduit
- Protect-N-Duct Riser
- Optical Fiber/Communication Raceway
- FT 4
- CSA & UL logo
- Date of Manufacture
- Sequential length markings

Dimensions

INNERDUCT – RISER

Trade Size	Inside Diameter (I.D.) in (mm)	Outside Diameter (O.D.) in. (mm)
3/4"	0.774 - 0.834 (19.66 - 21.18)	1.020 - 1.060 (25.91 - 26.92)
1"	0.999 - 1.059 (25.40 - 26.90)	1.285 - 1.325 (32.64 - 33.65)
1 1/4"	1.328 - 1.392 (33.73 - 35.36)	1.628 - 1.672 (41.35 - 42.47)
1 1/2"	1.558 - 1.622 (39.57 - 41.20)	1.868 - 1.912 (47.45 - 48.56)
2"	2.015 - 2.079 (51.18 - 52.81)	2.323 - 2.387 (59.00 - 60.63)

Disclaimer and Standard Warranty on inside back cover.

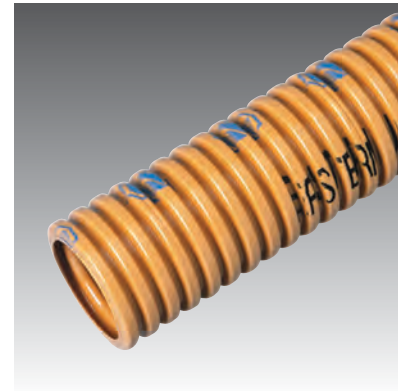
Protect-N-Duct™ – Riser

Specification Description

- A strong and lightweight non-metallic corrugated flexible innerduct
- For use as Raceway for Optical Fiber and Communication Cables in vertical shaft runs or between floors

Reference & Ratings

- Riser – FT4 rated
- UL Listed to 2024 (Signaling, Optical Fiber and Communications, Raceways and Cable Routing Assemblies)
- CSA Certified to CSA C22.2 No. 262-04 (Optical Fiber and Communication Cable Raceway systems)



INNERDUCT – RISER – REELS

Product Codes, Trade Sizes, Specifications, Packaging & Weights

Trade Size	Part Number	Pull Tape	Put-Up	Average I.D. (Inches)	Average O.D. (Inches)	Weight (lbs/foot)	Weight (lbs/Full Reel)
3/4"	PDRU0750F1000R	200#	1000	0.804	1.040	0.090	170
3/4"	PDRU0750F500R	200#	500	1.029	1.305	0.110	125
1"	PDRU1000F1000R	900#	1000	1.029	1.305	0.110	175
1"	PDRU1000F2000R	900#	2000	1.029	1.305	0.110	300
1"	PDRU1000F2500R	900#	2500	1.029	1.305	0.110	365
1"	PDRU1000F3000R	900#	3000	1.029	1.305	0.110	440
1"	PDRU1000F5000R	900#	5000	1.029	1.305	0.110	700
1"	PDRU1000F8000R	900#	8000	1.029	1.305	0.110	1050
1 1/4"	PDRU1250F0500R	900#	500	1.360	1.650	0.175	153
1 1/4"	PDRU1250F1000R	900#	1000	1.360	1.650	0.175	255
1 1/4"	PDRU1250F1500R	900#	1500	1.360	1.650	0.175	353
1 1/4"	PDRU1250F2000R	900#	2000	1.360	1.650	0.175	460
1 1/4"	PDRU1250F3200R	900#	3200	1.360	1.650	0.175	685
1 1/4"	PDRU1250F4000R	900#	4000	1.360	1.650	0.175	840
1 1/4"	PDRU1250F5000R	900#	5000	1.360	1.650	0.175	1015
1 1/2"	PDRU1500F0700R	900#	700	1.590	1.890	0.230	245
1 1/2"	PDRU1500F1000R	900#	1000	1.590	1.890	0.230	320
1 1/2"	PDRU1500F2000R	900#	2000	1.590	1.890	0.230	590
1 1/2"	PDRU1500F2500R	900#	2500	1.590	1.890	0.230	706
1 1/2"	PDRU1500F4000R	900#	4000	1.590	1.890	0.230	1090
2"	PDRU2000F0500R	900#	500	2.047	2.355	0.260	235
2"	PDRU2000F0700R	900#	700	2.047	2.355	0.260	289
2"	PDRU2000F1000R	900#	1000	2.047	2.355	0.260	380
2"	PDRU2000F2000R	900#	2000	2.047	2.355	0.260	690

- Riser Innerduct is standard Orange.
- Special Colors and Put ups are available on request.
- For halogen free products contact your Sales Agent or customer service.
- Products in **Bold** are stock items.

Disclaimer and Standard Warranty on inside back cover.

Protect-N-Duct™ – Riser

INNERDUCT – RISER – COILS

Product Codes, Trade Sizes, Specifications, Packaging & Weights

Trade Size	Part Number	Pull Tape	Put-Up	Average I.D. (Inches)	Average O.D. (Inches)	Weight (lbs/foot)	Weight (lbs/Full Reel)
3/4"	PDRU0750F0250C	200#	250	0.804	1.040	0.090	23
3/4"	PDRU0750F0500C	200#	500	0.804	1.040	0.090	45
1"	PDRU1000F0250C	900#	250	1.029	1.305	0.110	28
1 1/4"	PDRU1250F0200C	900#	200	1.360	1.650	0.175	35
1 1/2"	PDRU1500F0150C	900#	150	1.590	1.890	0.230	35
1 1/2"	PDRU1500F0350C	900#	350	1.590	1.890	0.230	81
2"	PDRU2000F0100C	900#	100	2.047	2.355	0.260	26
2"	PDRU2000F0250C	900#	250	2.047	2.355	0.260	65

- Specialty Coils are available on request.

INNERDUCT – RISER – SNAP COUPLING FITTINGS

Trade Size	Part Number	Carton Qty
3/4"	PFCSR0750	50
1"	PFCSR1000	50
1 1/4"	PFCSR1250	50
1 1/2"	PFCSR1500	40
2"	PFCSR2000	15

INNERDUCT – RISER – SNAP THREADED TA FITTINGS

Trade Size	Part Number	Carton Qty
3/4"	PFTTR0750	50
1"	PFTTR1000	50
1 1/4"	PFTTR1250	50
1 1/2"	PFTTR1500	50
2"	PFTTR2000	25

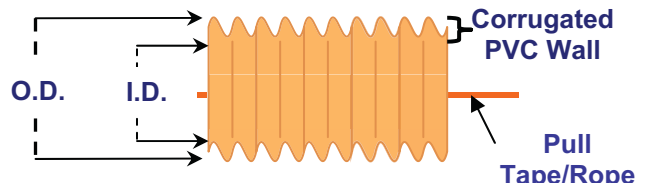
Protect-N-Duct™ – Multi-Purpose

Description

- Corrugated flexible multi-purpose innerduct, with standard pull rope or tape. Lightweight, allowing easier handling and less expensive installation equipment.

Application

- Corrugated flexible innerduct UL listed & CSA certified for applications in Optical Fiber/Communication Cable Raceway systems. Suitable for use for use as Raceway for Optical and Communication Cables in vertical runs in a shaft or between floors.



Colors

- Available in gray.

Markings

- Eastern Wire + Conduit
- Protect-N-Duct Multi-Purpose
- Optical Fiber/Communication Raceway
- CSA & UL logo
- Date of Manufacture
- Sequential length markings

Dimensions

INNERDUCT – RISER

Trade Size	Inside Diameter (I.D.) in (mm)	Outside Diameter (O.D.) in. (mm)
3/4"	0.774 - 0.834 (19.66 - 21.18)	1.020 - 1.060 (25.91 - 26.92)
1"	0.999 - 1.059 (25.40 - 26.90)	1.285 - 1.325 (32.64 - 33.65)
1 1/4"	1.328 - 1.392 (33.73 - 35.36)	1.628 - 1.672 (41.35 - 42.47)
1 1/2"	1.558 - 1.622 (39.57 - 41.20)	1.868 - 1.912 (47.45 - 48.56)
2"	2.015 - 2.079 (51.18 - 52.81)	2.323 - 2.387 (59.00 - 60.63)

INNERDUCT – MULTI-PURPOSE – COILS

Product Codes, Trade Sizes, Specifications, Packaging & Weights

Trade Size	Part Number	Pull Tape	Put-Up	Average I.D. (Inches)	Average O.D. (Inches)	Weight (lbs/foot)	Weight (lbs/Full Reel)
3/4"	PDGU0750F0250C	200#	250	0.804	1.040	0.090	23
3/4"	PDGU0750F0500C	200#	500	0.804	1.040	0.090	45
1"	PDGU1000F0250C	900#	250	1.029	1.305	0.110	28
1 1/4"	PDGU1250F0200C	900#	200	1.360	1.650	0.175	35
1 1/2"	PDGU1500F0150C	900#	150	1.590	1.890	0.230	35
1 1/2"	PDGU1500F0350C	900#	350	1.590	1.890	0.230	81
2"	PDGU2000F0100C	900#	100	2.047	2.355	0.260	26
2"	PDGU2000F0250C	900#	250	2.047	2.355	0.260	65

- Specialty Coils are available on request.

Disclaimer and Standard Warranty on inside back cover.



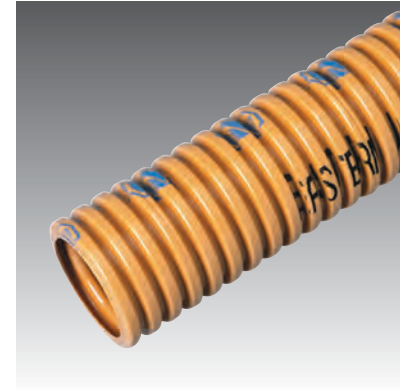
Protect-N-Duct™ – Multi-Purpose

Specification Description

- A strong and lightweight non-metallic corrugated flexible innerduct
- For use as Raceway for Optical Fiber and Communication Cables in vertical shaft runs or between floors

Reference & Ratings

- UL Listed to 2024 (Signaling, Optical Fiber and Communications, Raceways and Cable Routing Assemblies)
- CSA Certified to CSA C22.2 No. 262-04 (Optical Fiber and Communication Cable Raceway systems)



INNERDUCT – MULTI-PURPOSE – REELS

Product Codes, Trade Sizes, Specifications, Packaging & Weights

Trade Size	Part Number	Pull Tape	Put-Up	Average I.D. (Inches)	Average O.D. (Inches)	Weight (lbs/foot)	Weight (lbs/Full Reel)
3/4"	PDGU0750F1000R	200#	1000	0.804	1.040	0.090	170
3/4"	PDGU0750F500R	200#	500	1.029	1.305	0.110	125
1"	PDGU1000F1000R	900#	1000	1.029	1.305	0.110	175
1"	PDGU1000F2000R	900#	2000	1.029	1.305	0.110	300
1"	PDGU1000F2500R	900#	2500	1.029	1.305	0.110	365
1"	PDGU1000F3000R	900#	3000	1.029	1.305	0.110	440
1"	PDGU1000F5000R	900#	5000	1.029	1.305	0.110	700
1"	PDGU1000F8000R	900#	8000	1.029	1.305	0.110	1050
1 1/4"	PDGU1250F0500R	900#	500	1.360	1.650	0.175	153
1 1/4"	PDGU1250F1000R	900#	1000	1.360	1.650	0.175	255
1 1/4"	PDGU1250F1500R	900#	1500	1.360	1.650	0.175	353
1 1/4"	PDGU1250F2000R	900#	2000	1.360	1.650	0.175	460
1 1/4"	PDGU1250F3200R	900#	3200	1.360	1.650	0.175	685
1 1/4"	PDGU1250F4000R	900#	4000	1.360	1.650	0.175	840
1 1/4"	PDGU1250F5000R	900#	5000	1.360	1.650	0.175	1015
1 1/2"	PDGU1500F0700R	900#	700	1.590	1.890	0.230	245
1 1/2"	PDGU1500F1000R	900#	1000	1.590	1.890	0.230	320
1 1/2"	PDGU1500F2000R	900#	2000	1.590	1.890	0.230	590
1 1/2"	PDGU1500F2500R	900#	2500	1.590	1.890	0.230	706
1 1/2"	PDGU1500F4000R	900#	4000	1.590	1.890	0.230	1090
2"	PDGU2000F0500R	900#	500	2.047	2.355	0.260	235
2"	PDGU2000F0700R	900#	700	2.047	2.355	0.260	289
2"	PDGU2000F1000R	900#	1000	2.047	2.355	0.260	380
2"	PDGU2000F2000R	900#	2000	2.047	2.355	0.260	690

HDPE Solid Wall

Specification Description

- Smooth solid wall
- Can be trenched or bi-directional drilled
- Eliminates need for bends and elbows
- Large master reels requiring less joints for improved system integrity
- Available in SCH 40 & SCH 80, SDR 17, 15.5, 13.5, 11 & 9
- Available with a ribbed inner wall or an inner wall with a friction reducing additive
- Available with Pull Tape



HIGH DENSITY POLYETHYLENE PIPE – SDR 9

Product Codes, Trade Sizes, Specifications, Packaging & Weights

Trade Size	Part Number	Average O.D. (Inches)	Average I.D. (Inches)	Wall (Inches)	Weight (lbs/foot)
1"	PDVN1000	1.315	1.003	0.146	0.235
1 1/4"	PDVN1250	1.660	1.270	0.184	0.372
1 1/2"	PDVN1500	1.900	1.452	0.211	0.488
2"	PDVN2000	2.375	1.816	0.264	0.762
2 1/2"	PDVN2500	2.875	2.198	0.319	1.117
3"	PDVN3000	3.500	2.676	0.389	1.655
4"	PDVN4000	4.500	3.440	0.500	2.737

Dimensional Specifications conform to ASTM D3035 and F2160 for O.D. controlled pipe
Available with 200#, 400#, 900#, 1250# or 1800# Pull Tape

HIGH DENSITY POLYETHYLENE PIPE – SDR 11

Product Codes, Trade Sizes, Specifications, Packaging & Weights

Trade Size	Part Number	Average O.D. (Inches)	Average I.D. (Inches)	Wall (Inches)	Weight (lbs/foot)
1/2"	PDXN0500	0.840	0.667	0.076	0.085
3/4"	PDXN0750	1.050	0.839	0.095	0.130
1"	PDXN1000	1.315	1.051	0.120	0.200
1 1/4"	PDXN1250	1.660	1.338	0.151	0.314
1 1/2"	PDXN1500	1.900	1.534	0.173	0.409
2"	PDXN2000	2.375	1.917	0.216	0.639
2 1/2"	PDXN2500	2.875	2.321	0.261	0.936
3"	PDXN3000	3.500	2.825	0.318	1.387
4"	PDXN4000	4.500	3.633	0.409	2.293
5"	PDXN5000	5.562	4.490	0.506	3.505

Dimensional Specifications conform to ASTM D3035 and F2160 for O.D. controlled pipe
Available with 200#, 400#, 900#, 1250# or 1800# Pull Tape

Disclaimer and Standard Warranty on inside back cover.

HDPE Solid Wall

HIGH DENSITY POLYETHYLENE PIPE – SDR 13.5

Product Codes, Trade Sizes, Specifications, Packaging & Weights

Trade Size	Part Number	Average O.D. (Inches)	Average I.D. (Inches)	Wall (Inches)	Weight (lbs/foot)
1/2"	PDYN0500	0.840	0.696	0.062	0.072
3/4"	PDYN0750	1.050	0.874	0.078	0.110
1"	PDYN1000	1.315	1.100	0.097	0.169
1 1/4"	PDYN1250	1.660	1.394	0.123	0.264
1 1/2"	PDYN1500	1.900	1.599	0.141	0.343
2"	PDYN2000	2.375	2.002	0.176	0.531
2 1/2"	PDYN2500	2.875	2.424	0.213	0.778
3"	PDYN3000	3.500	2.951	0.259	1.153
4"	PDYN4000	4.500	3.794	0.333	1.906
5"	PDYN5000	5.562	4.689	0.412	2.912

Dimensional Specifications conform to ASTM D3035 and F2160 for O.D. controlled pipe. Available with 200#, 400#, 900#, 1250# or 1800# Pull Tape.

HIGH DENSITY POLYETHYLENE PIPE – SDR 15.5

Product Codes, Trade Sizes, Specifications, Packaging & Weights

Trade Size	Part Number	Average O.D. (Inches)	Average I.D. (Inches)	Wall (Inches)	Weight (lbs/foot)
3/4"	PDZN0750	1.050	0.895	0.068	0.098
1"	PDZN1000	1.315	1.147	0.084	0.151
1 1/4"	PDZN1250	1.660	1.426	0.107	0.235
1 1/2"	PDZN1500	1.900	1.635	0.123	0.305
2"	PDZN2000	2.375	2.049	0.153	0.469
3"	PDZN3000	3.500	3.021	0.226	1.105
4"	PDZN4000	4.500	3.885	0.290	1.678
5"	PDZN5000	5.562	4.801	0.359	2.563

Dimensional Specifications conform to ASTM D3035 and F2160 for O.D. controlled pipe. Available with 200#, 400#, 900#, 1250# or 1800# Pull Tape.

HIGH DENSITY POLYETHYLENE PIPE – SDR 17

Product Codes, Trade Sizes, Specifications, Packaging & Weights

Trade Size	Part Number	Average O.D. (Inches)	Average I.D. (Inches)	Wall (Inches)	Weight (lbs/foot)
3/4"	PDUN0750	1.050	0.906	0.062	0.092
1"	PDUN1000	1.315	1.140	0.077	0.139
1 1/4"	PDUN1250	1.660	1.445	0.098	0.217
1 1/2"	PDUN1500	1.900	1.656	0.112	0.282
2"	PDUN2000	2.375	2.095	0.140	0.433

Dimensional Specifications conform to ASTM D3035 and F2160 for O.D. controlled pipe. Available with 200#, 400#, 900#, 1250# or 1800# Pull Tape

Disclaimer and Standard Warranty on inside back cover.

HDPE Solid Wall

HIGH DENSITY POLYETHYLENE PIPE – Schedule 40

Product Codes, Trade Sizes, Specifications, Packaging & Weights

Trade Size	Part Number	Average O.D. (Inches)	Average I.D. (Inches)	Wall (Inches)	Weight (lbs/foot)
3/4"	PDAN0750	1.050	0.804	0.113	0.148
1"	PDAN1000	1.315	1.029	0.133	0.218
1 1/4"	PDAN1250	1.660	1.360	0.140	0.295
1 1/2"	PDAN1500	1.900	1.590	0.145	0.352
2"	PDAN2000	2.375	2.047	0.154	0.472
2 1/2"	PDAN2500	2.875	2.445	0.203	0.774
3"	PDAN3000	3.500	3.042	0.216	0.974
4"	PDAN4000	4.500	3.896	0.285	1.649
5"	PDAN5000	5.562	5.046	0.258	1.904

Dimensional Specifications conform to ASTM D3035 and F2160 for O.D. controlled pipe. Available with 200#, 400#, 900#, 1250# or 1800# Pull Tape.

HIGH DENSITY POLYETHYLENE PIPE – Schedule 80

Product Codes, Trade Sizes, Specifications, Packaging & Weights

Trade Size	Part Number	Average O.D. (Inches)	Average I.D. (Inches)	Wall (Inches)	Weight (lbs/foot)
3/4"	PDBN0750	1.050	0.722	0.164	0.189
1"	PDBN1000	1.315	0.937	0.189	0.277
1 1/4"	PDBN1250	1.660	1.255	0.191	0.384
1 1/2"	PDBN1500	1.900	1.476	0.200	0.465
2"	PDBN2000	2.375	1.913	0.218	0.644
2 1/2"	PDBN2500	2.875	2.290	0.276	0.983
3"	PDBN3000	3.500	2.864	0.300	1.316
4"	PDBN4000	4.500	3.786	0.337	1.950
5"	PDBN5000	5.562	4.812	0.375	2.621
6"	PDBN6000	6.625	5.507	0.476	3.876

Dimensional Specifications conform to ASTM D3035 and F2160 for O.D. controlled pipe. Available with 200#, 400#, 900#, 1250# or 1800# Pull Tape.

COMPRESSION COUPLING FITTINGS

Trade Size	Part Number	Carton Qty
1/2"	PFCHC0500	As required
3/4"	PFCHC0750	As required
1"	PFCHC1000	As required
1 1/4"	PFCHC1250	As required
1 1/2"	PFCHC1500	As required
2"	PFCHC2000	As required
3"	PFCHC3000	As required

COMPRESSION PLUG

Trade Size	Part Number	Carton Qty
1/2"	PFPHC0500	As required
3/4"	PFPHC0750	As required
1"	PFPHC1000	As required
1 1/4"	PFPHC1250	As required
1 1/2"	PFPHC1500	As required
2"	PFPHC2000	As required
3"	PFPHC3000	As required

Disclaimer and Standard Warranty on inside back cover.

HDPE – Solid Wall SDR 11 Specifications

Description

- A multi-purpose smooth solid wall continuous length conduit.

Material

- High density polyethylene (HDPE) resin.

Certification

- Under Eastern’s Quality Assurance System.

Colors

- Available in a variety of colors.

Markings

- Eastern Wire + Conduit
- HDPE SDR 11
- Date of Manufacture
- Sequential length markings (May be altered upon request)

Durability

- HDPE provides a conduit of high tensile and compression strength.

Dimensions

- Dimensions for this product as per ASTM D 3035.

Availability

- HDPE SDR 11 conduit is available in 4 inner-wall forms:
 - SMOOTH
 - RIBBED
 - ENHANCED smooth
 - ENHANCED ribbed – available in sizes 1” – 2”

Additives

- UV stabilization additive
- Friction reducing additive in PE compound

Nominal Size in (mm)	Outside Diameter (O.D.) in (mm)	Wall Thickness in. (mm)
1/2 (16)	0.836 - 0.844 (21.24 - 21.44)	0.076 - 0.096 (1.93 - 2.44)
3/4 (21)	1.046 - 1.054 (26.60 - 26.80)	0.095 - 0.115 (2.41 - 2.92)
1 (27)	1.310 - 1.320 (33.27 - 33.53)	0.120 - 0.140 (3.05 - 3.56)
1 1/4" (35)	1.655 - 1.665 (42.07 - 42.33)	0.151 - 0.171 (3.84 - 4.35)
1 1/2" (41)	1.894 - 1.906 (48.15 - 48.45)	0.173 - 0.194 (4.39 - 4.92)
2 (53)	2.369 - 2.381 (60.15 - 60.45)	0.216 - 0.242 (5.49 - 6.15)
3 (78)	3.492 - 3.508 (88.70 - 89.10)	0.318 - 0.356 (8.08 - 9.05)
4 (103)	4.491 - 4.509 (114.07 - 114.53)	0.409 - 0.458 (10.39 - 11.63)

*Some conduit ovality may occur.

HDPE – Solid Wall SDR 13.5 Specifications

Description

- A multi-purpose smooth solid wall continuous length conduit.

Material

- High density polyethylene (HDPE) resin.

Certification

- Under Eastern's Quality Assurance System.

Colors

- Available in a variety of colors.

Markings

- Eastern Wire + Conduit
- HDPE SDR 13.5
- Date of Manufacture
- Sequential length markings (May be altered upon request)

Durability

- HDPE provides a conduit of high tensile and compression strength.

Dimensions

- Dimensions for this product as per ASTM D 3035.

Trade Size	Inside Diameter (I.D.) in (mm)	Outside Diameter (O.D.) in. (mm)
1/2 (16)	0.836 - 0.844 (21.24 - 21.44)	0.076 - 0.096 (1.93 - 2.44)
3/4 (21)	1.046 - 1.054 (26.60 - 26.80)	0.078 - 0.098 (1.98 - 2.49)
1 (27)	1.310 - 1.320 (33.27 - 33.53)	0.097 - 0.117 (2.46 - 2.97)
1 1/4" (35)	1.655 - 1.665 (42.07 - 42.33)	0.123 - 0.143 (3.12 - 3.63)
1 1/2" (41)	1.894 - 1.906 (48.15 - 48.45)	0.141 - 0.161 (3.58 - 4.09)
2 (53)	2.369 - 2.381 (60.15 - 60.45)	0.176 - 0.197 (4.47 - 5.00)
3 (78)	3.492 - 3.508 (88.70 - 89.10)	0.259 - 0.290 (6.58 - 7.37)
4 (103)	4.491 - 4.509 (114.07 - 114.53)	0.333 - 0.373 (8.46 - 9.48)

*Some conduit ovality may occur.

Availability

- HDPE SDR 11 conduit is available in 4 inner-wall forms:
 - SMOOTH
 - RIBBED
 - ENHANCED smooth
 - ENHANCED ribbed – available in sizes 1" – 2"

Additives

- UV stabilization additive
- Friction reducing additive in PE compound

HDPE – Solid Wall SDR 15.5 Specifications

Description

- A multi-purpose smooth solid wall continuous length conduit.

Material

- High density polyethylene (HDPE) resin.

Certification

- Under Eastern's Quality Assurance System.

Colors

- Available in a variety of colors.

Markings

- Eastern Wire + Conduit
- HDPE SDR 15.5
- Date of Manufacture
- Sequential length markings (May be altered upon request)

Durability

- HDPE provides a conduit of high tensile and compression strength.

Dimensions

- Dimensions for this product as per ASTM D 3035.

Nominal Size in (mm)	Outside Diameter (O.D.) in (mm)	Wall Thickness in. (mm)
3/4 (21)	1.046 - 1.054 (26.60 - 26.80)	0.068 - 0.088 (1.73 - 2.24)
1 (27)	1.310 - 1.320 (33.27 - 33.53)	0.084 - 0.104 (2.13 - 2.64)
1 1/4" (35)	1.655 - 1.665 (42.07 - 42.33)	0.107 - 0.127 (2.72 - 3.23)
1 1/2" (41)	1.894 - 1.906 (48.15 - 48.45)	0.123 - 0.143 (3.12 - 3.63)
2 (53)	2.369 - 2.381 (60.15 - 60.45)	0.153 - 0.173 (3.89 - 4.40)
3 (78)	3.492 - 3.508 (88.70 - 89.10)	0.226 - 0.253 (5.74 - 6.43)
4 (103)	4.491 - 4.509 (114.07 - 114.53)	0.290 - 0.325 (7.37 - 8.26)

*Some conduit ovality may occur.

Availability

- HDPE SDR 15.5 conduit is available in 4 inner-wall forms:
 - SMOOTH
 - RIBBED
 - ENHANCED smooth
 - ENHANCED ribbed – available in sizes 1" – 2"

Additives

- UV stabilization additive
- Friction reducing additive in PE compound

HDPE – Solid Wall SDR 17 Specifications

Description

- A multi-purpose smooth solid wall continuous length conduit.

Material

- High density polyethylene (HDPE) resin.

Certification

- Under Eastern's Quality Assurance System.

Colors

- Available in a variety of colors.

Markings

- Eastern Wire + Conduit
- HDPE SDR 17
- Date of Manufacture
- Sequential length markings (May be altered upon request)

Durability

- HDPE provides a conduit of high tensile and compression strength.

Dimensions

- Dimensions for this product as per ASTM D 3035.

Nominal Size in (mm)	Outside Diameter (O.D.) in (mm)	Wall Thickness in. (mm)
3/4 (21)	1.046 - 1.054 (26.60 - 26.80)	0.062 - 0.082 (1.57 - 2.08)
1 (27)	1.310 - 1.320 (33.27 - 33.53)	0.077 - 0.097 (1.96 - 2.47)
1 1/4" (35)	1.655 - 1.665 (42.07 - 42.33)	0.098 - 0.118 (2.49 - 3.00)
1 1/2" (41)	1.894 - 1.906 (48.15 - 48.45)	0.112 - 0.132 (2.84 - 3.35)
2 (53)	2.369 - 2.381 (60.15 - 60.45)	0.140 - 0.160 (3.56 - 4.07)
3 (78)	3.492 - 3.508 (88.70 - 89.10)	0.206 - 0.231 (5.23 - 5.87)
4 (103)	4.491 - 4.509 (114.07 - 114.53)	0.265 - 0.297 (6.73 - 7.54)

*Some conduit ovality may occur.

Availability

- HDPE SDR 17 conduit is available in 4 inner-wall forms:
 - SMOOTH
 - RIBBED
 - ENHANCED smooth
 - ENHANCED ribbed – available in sizes 1" – 2"

Additives

- UV stabilization additive
- Friction reducing additive in PE compound

HDPE – Solid Wall SCH 40 Specifications

Description

- A multi-purpose smooth solid wall continuous length conduit.

Material

- High density polyethylene (HDPE) resin.

Certification

- Under Eastern’s Quality Assurance System.

Colors

- Available in a variety of colors.

Markings

- Eastern Wire + Conduit
- HDPE SDR Schedule 40
- Date of Manufacture
- Sequential length markings (May be altered upon request)

Durability

- HDPE provides a conduit of high tensile and compression strength.

Dimensions

- Dimensions for this product as per ASTM F 2160.

Availability

- HDPE Schedule 40 conduit is available in 4 inner-wall forms:
 - SMOOTH
 - RIBBED
 - ENHANCED smooth
 - ENHANCED ribbed – available in sizes 1” – 2”

Additives

- UV stabilization additive
- Friction reducing additive in PE compound

Nominal Size in (mm)	Outside Diameter (O.D.) in (mm)	Wall Thickness in. (mm)
3/4 (21)	1.046 - 1.054 (26.60 - 26.80)	0.113 - 0.133 (2.80 - 3.38)
1 (27)	1.310 - 1.320 (33.27 - 33.53)	0.133 - 0.153 (3.38 - 3.89)
1 1/4" (35)	1.655 - 1.665 (42.07 - 42.33)	0.140 - 0.160 (3.56 - 4.06)
1 1/2" (41)	1.894 - 1.906 (48.15 - 48.45)	0.145 - 0.165 (3.68 - 4.20)
2 (53)	2.369 - 2.381 (60.15 - 60.45)	0.154 - 0.174 (3.91 - 4.42)
3 (78)	3.492 - 3.508 (88.70 - 89.10)	0.216 - 0.242 (5.49 - 6.15)
4 (103)	4.491 - 4.509 (114.07 - 114.53)	0.237 - 0.265 (6.02 - 6.73)
5 (129)	5.553 - 5.573 (141.05 - 141.55)	0.258 - 0.289 (6.55 - 7.34)

*Some conduit ovality may occur.

HDPE – Solid Wall SCH 80 Specifications

Description

- A multi-purpose smooth solid wall continuous length conduit.

Material

- High density polyethylene (HDPE) resin.

Certification

- Under Eastern's Quality Assurance System.

Colors

- Available in a variety of colors.

Markings

- Eastern Wire + Conduit
- HDPE Schedule 80
- Date of Manufacture
- Sequential length markings (May be altered upon request)

Durability

- HDPE provides a conduit of high tensile and compression strength.

Dimensions

- Dimensions for this product as per ASTM F 2160.

Nominal Size in (mm)	Outside Diameter (O.D.) in (mm)	Wall Thickness in. (mm)
3/4 (21)	1.046 - 1.054 (26.60 - 26.80)	0.154 - 0.174 (3.91 - 4.42)
1 (27)	1.310 - 1.320 (33.27 - 33.53)	0.179 - 0.200 (4.55 - 5.08)
1 1/4" (35)	1.655 - 1.665 (42.07 - 42.33)	0.191 - 0.214 (4.85 - 5.44)
1 1/2" (41)	1.894 - 1.906 (48.15 - 48.45)	0.200 - 0.224 (5.08 - 5.69)
2 (53)	2.369 - 2.381 (60.15 - 60.45)	0.218 - 0.244 (5.54 - 6.20)
3 (78)	3.492 - 3.508 (88.70 - 89.10)	0.300 - 0.336 (7.62 - 8.53)
4 (103)	4.491 - 4.509 (114.07 - 114.53)	0.337 - 0.377 (8.56 - 9.58)

*Some conduit ovality may occur.

Availability

- HDPE Schedule 80 conduit is available in 4 inner-wall forms:
 - SMOOTH
 - RIBBED
 - ENHANCED smooth
 - ENHANCED ribbed – available in sizes 1" – 2"

Additives

- UV stabilization additive
- Friction reducing additive in PE compound

Kortech® – Single Wall

Description

- A corrugated continuous length conduit with pull rope.

Material

- High density polyethylene (HDPE) resin.

Certification

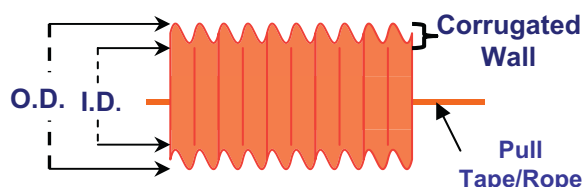
- Under Eastern’s Quality Assurance System.

Colors

- Available in black, blue, green, gray, orange, purple, red and yellow.

Markings

- Eastern Wire + Conduit
- Trade Size
- Single Wall Kortech
- HDPE
- Date of Manufacture
- Sequential length markings



Additives

- UV stabilization additive

INNERDUCT – Single Wall Kortech™

Trade Size	Inside Diameter (I.D.) in (mm)	Outside Diameter (O.D.) in. (mm)
3/4" (21)	0.774 - 0.834 (19.66 - 21.18)	1.020 - 1.060 (25.91 - 26.92)
1" (27)	0.999 - 1.059 (25.40 - 26.90)	1.285 - 1.325 (32.64 - 33.65)
1 1/4" (35)	1.328 - 1.392 (33.73 - 35.36)	1.628 - 1.672 (41.35 - 42.47)
1 1/2" (41)	1.558 - 1.622 (39.57 - 41.20)	1.868 - 1.912 (47.45 - 48.56)
2" (53)	2.015 - 2.079 (51.18 - 52.81)	2.323 - 2.387 (59.00 - 60.63)

Kortech® – Single Wall

Specification Description

- HDPE (High Density Polyethylene)
- General purpose outdoor applications
- Light weight with outstanding flexibility
- Easy to handle
- Less wear on installation equipment



KORTECH – SINGLE WALL REELS & COILS

Product Codes, Trade Sizes, Specifications, Packaging & Weights

Trade Size	Part Number	Pull Tape	Put-Up	Average I.D. (Inches)	Average O.D. (Inches)	Weight (lbs/foot)	Weight (lbs/Full Reel)
REELS							
3/4"	PDCN0750F1000R	200#	1000	0.804	1.040	0.110	175
3/4"	PDCN0750F5000R	200#	5000	0.804	1.040	0.110	585
1"	PDCN1000F0500R	400#	500	1.029	1.305	0.140	140
1"	PDCN1000F1000R	400#	1000	1.029	1.305	0.140	205
1"	PDCN1000F2000R	400#	2000	1.029	1.305	0.140	360
1"	PDCN1000F2500R	400#	2500	1.029	1.305	0.140	440
1"	PDCN1000F3000R	400#	3000	1.029	1.305	0.140	530
1"	PDCN1000F5000R	400#	5000	1.029	1.305	0.140	850
1"	PDCN1000F8000R	400#	8000	1.029	1.305	0.140	1290
1 1/4"	PDCN1250F0500R	400#	500	1.360	1.650	0.175	153
1 1/4"	PDCN1250F1000R	400#	1000	1.360	1.650	0.175	255
1 1/4"	PDCN1250F1500R	400#	1500	1.360	1.650	0.175	353
1 1/4"	PDCN1250F2000R	400#	2000	1.360	1.650	0.175	460
1 1/4"	PDCN1250F3200R	400#	3200	1.360	1.650	0.175	685
1 1/4"	PDCN1250F4000R	400#	4000	1.360	1.650	0.175	840
1 1/4"	PDCN1250F5000R	400#	5000	1.360	1.650	0.175	1015
1 1/2"	PDCN1500F0700R	400#	700	1.590	1.890	0.230	245
1 1/2"	PDCN1500F1000R	400#	1000	1.590	1.890	0.230	320
1 1/2"	PDCN1500F2000R	400#	2000	1.590	1.890	0.230	590
1 1/2"	PDCN1500F2500R	400#	2500	1.590	1.890	0.230	706
1 1/2"	PDCN1500F4000R	400#	4000	1.590	1.890	0.230	1090
2"	PDCN2000F0500R	400#	500	2.047	2.355	0.260	235
2"	PDCN2000F0700R	400#	700	2.047	2.355	0.260	289
2"	PDCN2000F1000R	400#	1000	2.047	2.355	0.260	380
2"	PDCN2000F2000R	400#	2000	2.047	2.355	0.260	690
3"	PDCN3000F2000R	900#	1000	3.009	3.590	0.430	530
COILS							
3/4"	PDCN0750F0250C	200#	250	0.804	1.040	0.110	23
3/4"	PDCN0750F0500C	200#	500	0.804	1.040	0.110	45
1"	PDCN1000F0250C	400#	250	1.029	1.305	0.140	28
1 1/4"	PDCN1250F0200C	400#	200	1.360	1.650	0.175	35
1 1/2"	PDCN1500F0150C	400#	150	1.590	1.890	0.230	35
1 1/2"	PDCN1500F0350C	400#	350	1.590	1.890	0.230	81
2"	PDCN2000F0100C	400#	100	2.047	2.355	0.260	26
2"	PDCN2000F0250C	400#	250	2.047	2.355	0.260	65
3"	PDCN3000F0200C	900#	200	3.009	3.590	0.430	86

- Specialty Coils are available on request.
- Products in **Bold** are stock items.

Disclaimer and Standard Warranty on inside back cover.

Kortech® – Dual Wall

Description

- A continuous length conduit with a corrugated exterior and smooth interior. Dual Wall Kortech™ is half the weight of conventional HDPE, solid wall pipe. This allows for easier handling and less expensive installation equipment. Also, DW Kortech® has limited “memory” when unreeled, allowing for easier field installation.

Applications

- DWK™ is specifically designed by Eastern Wire + Conduit for use by Utilities, Service Providers, and Municipalities for the construction of Underground systems.

Material

- High density polyethylene (HDPE) resin.

Certification

- Under Eastern’s Quality Assurance System.

Colors

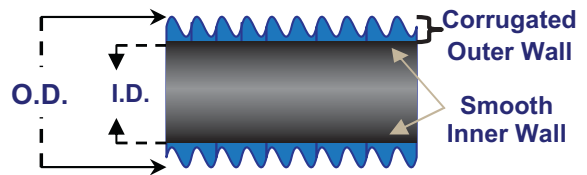
- Inner wall is black, outer wall available in a variety of colors.

Markings

- Eastern Wire + Conduit
- Trade Size
- Dual Wall Kortech
- HDPE
- Date of Manufacture
- Sequential markings in requested units (Markings may be altered upon request)

Additives

- UV stabilization additive



INNERDUCT – Dual Wall Kortech™

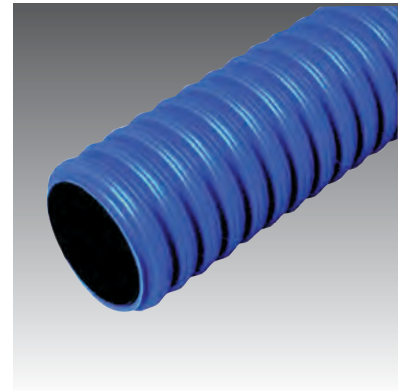
Trade Size	Inside Diameter (I.D.) in (mm)	Outside Diameter (O.D.) in. (mm)
2" (53)	2.04 (51.82)	2.52 (64.00)
3" (78)	3.00 (76.20)	3.60 (91.44)

- Product coming soon.

Kortech® – Dual Wall

Specification Description

- HDPE (High Density Polyethylene)
- Superior Corrugated Flexible Exterior
- Ribbed inner wall for reduced coefficient of friction
- Provides excellent stiffness, half the weight of conventional HDPE
- Light weight, easy to handle, and less wear on installation equipment
- Limited “memory” when unreeled



KORTECH – DUAL WALL REELS

Product Codes, Trade Sizes, Specifications, Packaging & Weights

Trade Size	Part Number	O.D. (Inches)	I.D (Inches)	Wall (inches)	Weight (lbs/foot)
2"	PDDN2000	2.520	2.036	0.480	0.340
3"	PDDN3000	3.605	3.007	0.590	0.450

- Specialty Coils are available on request.

SWK – SNAP COUPLING FITTINGS

Trade Size	Part Number	Carton Qty
3/4"	PFCSC0750	50
1"	PFCSC1000	50
1 1/4"	PFCSC1250	50
1 1/2"	PFCSC1500	40
2"	PFCSC2000	15

SWK – SNAP THREADED TA FITTINGS

Trade Size	Part Number	Carton Qty
3/4"	PFTHC0750	50
1"	PFTHC1000	50
1 1/4"	PFTHC1250	50
1 1/2"	PFTHC1500	50
2"	PFTHC2000	25

COMPRESSION PLUG

Trade Size	Part Number	Carton Qty
3/4"	PFPHC0750	As required
1"	PFPHC1000	As required
1 1/4"	PFPHC1250	As required
1 1/2"	PFPHC1500	As required
2"	PFPHC2000	As required

Eastern's Armor-Duct™ — Specialty Raceway Specifications & Features

Description (Specialty Raceway)

- Interlocking Armor with Corrugated liner and an outer PE jacket with -76°C brittleness temperature to provide flexibility and superior long term protection of the cables.
- Excellent product for applications under heavy traffic area and heavy load such as highway crossing, driveways, industrial floors. etc.
- Directional boreable for ease of installation.

Certification

- For further details on Armor-Duct™, contact us or contact your local Armor-Duct™ distributor.

Features

- Armor-Duct™ is designed to provide superior protection for direct burial applications with the flexibility of interlocking armor product.
- Protected over the Galvanized Steel Interlocking armor is a PE jacket with a brittleness temperature of -76°C to prevent moisture penetration to the armor and the cables.
- Corrugated HDPE liner to minimize pulling friction and protect the cables.
- Designed for under heavy traffic and heavy load areas.
- Resists crushing, impact, rodents, sunlight, and moisture.



Dimensions

SPECIALTY RACEWAY

	Nominal I.D. (inches)	Nominal O.D. (inches)	Fittings (Appleton Stainless Steel)
Armor-Duct™ 1000	0.75	1.30	TMC125SS
Armor-Duct™ 1250	1.30	1.90	TMC200SS
Armor-Duct™ 1500	1.70	2.30	TMC250SS

Protect-N-Duct – Low-Smoke - Zero Halogen (LSZH)

Description

- Corrugated flexible LSZH innerduct FT4 Riser rated, with standard pull tape. Extremely lightweight, allowing easier handling and less expensive installation equipment.

Application

- Corrugated flexible innerduct UL listed for applications in optical fiber/communication cable raceway systems. Suitable for use in vertical runs in a shaft or between floors and in tunnels.

Certification

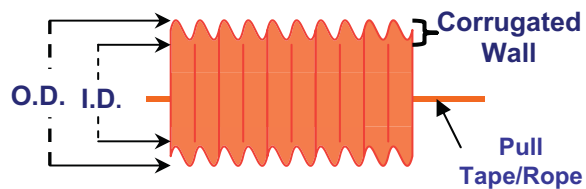
- UL Listed to 2024 (Optical Fiber Cable Raceways - FT4)
- In accordance with (NEC) as defined in Articles 725, 770, 800 and 820.

Colors

- Available in natural color and others.

Markings

- Eastern Wire + Conduit
- Product-N-Duct LZSH Riser
- Optical Fiber/Communication Raceway
- FT 4/Riser
- UL logo
- Date of Manufacture
- Sequential length markings



Dimensions

Trade Size	Inside Diameter (I.D.) in (mm)	Outside Diameter (O.D.) in (mm)
1/2"	0.574 - 0.630 (14.58 - 16.00)	0.812 - 0.848 (20.63 - 21.54)
3/4"	0.774 - 0.834 (19.66 - 21.18)	1.020 - 1.060 (25.91 - 26.92)
1"	0.999 - 1.059 (25.40 - 26.90)	1.285 - 1.325 (32.64 - 33.65)
1 1/4"	1.328 - 1.392 (33.73 - 35.36)	1.628 - 1.672 (41.35 - 42.47)
1 1/2"	1.558 - 1.622 (39.57 - 41.20)	1.868 - 1.912 (47.45 - 48.56)
2"	2.015 - 2.079 (51.18 - 52.81)	2.326 - 2.387 (59.00 - 60.63)

Eastern's CPID — Cable Protection & Identification

Description (Specialty Services)

- CPID refers to Eastern's process of adding a protective interlock armor to customer supplied core (wire, cable or fibre). As an option, an outer jacket of specially formulated PVC can be added to provide further protection.
- CPID can often eliminate the costly and time consuming process of installing cable into conventional conduit raceways.

Certification

Eastern has CSA approval to armor and jacket for an extensive range of applications, including:

- Data cables: including fiber optics.
- Fire alarm and Signal Cables (CSA C22.2 No. 208 M 1986).
- Metal clad (UL Standard 1569, CSA-NRTL, CSA-C22-174 M 1984, CSA-C22.2 No. 239-M9).
- Control & Instrumental Cables.
- Communications Cables CSA-C22.2 No. 214-94, UL-444, CSA - C/US.

Features

- CPID can be combined to provide further cost savings in the installation of cables.
- Eastern offers sequential footage or meter markings.
- Custom printing on all CPID jacket types.
- Types created to suit your specific cabling requirements.
- Small minimum quantities
- Short lead-time

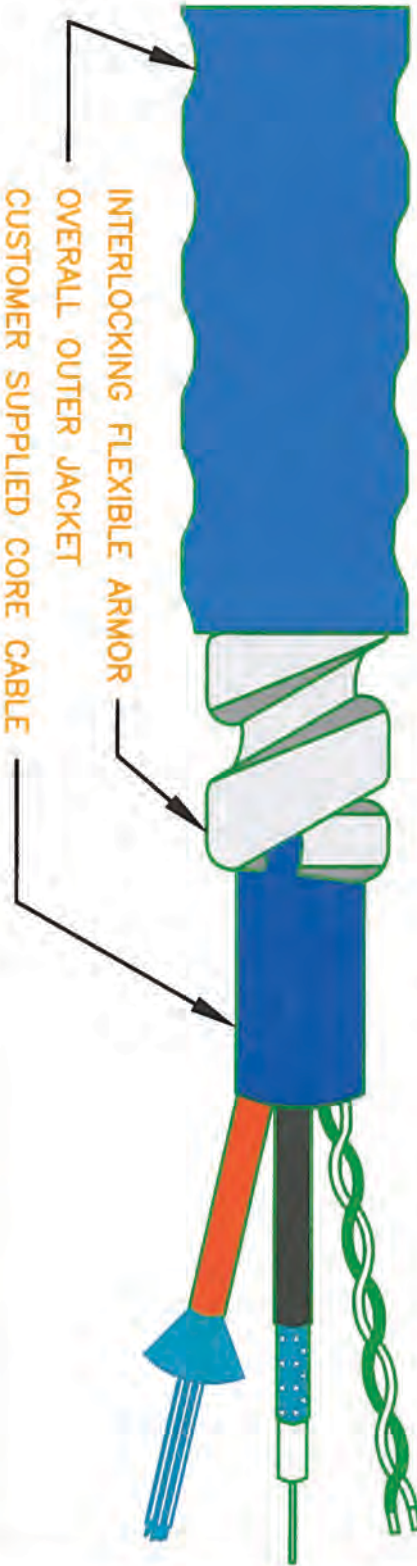
Available CPID Constructions

Armoring Material	EITHER STEEL OR ALUMINUM									
Available Armor Colors	AQUA	BLACK	BLUE	ORANGE	RED	WHITE	YELLOW			
	X	X	X	X	X	X	X			
Available Jacketing Materials	RISER RATED (FT4) AND PLENUM RATED (FT6)									
Available Jacket Colors	AQUA	BLACK	BLUE	BROWN	GRAY	GREEN	ORANGE	PURPLE	RED	WHITE
	X	X	X	X	X	X	X	X	X	X



ISO 9001

CPID COMMUNICATION CABLES



CERTIFIED FOR	DESIGNATION	AFC JACKET TYPE	APPLICABLE STANDARDS	FLAME RATING	TEMPERATURE RATING*
PLENUM APPLICATIONS	TYPE GMP	PLENUM	CSA C22.2 NO 214 / UL STD 444	NFPA 262 (FTB)	0°C to 75°C
RISER APPLICATIONS	TYPE OFCP	RISER	CSA C22.2 NO 232 / UL STD 1951	UL 1666 (FTB)	-25°C to 90°C
	TYPE GAR		CSA C22.2 NO 214 / UL STD 444		-25°C to 90°C
GENERAL USE	TYPE OFCR	FT4	CSA C22.2 NO 232 / UL STD 1851	UL STD 1851	-40°C to 90°C
	TYPE GNG		CSA C22.2 NO 214 / UL STD 444		-40°C to 90°C
OUTDOOR USE / DIRECT BURIAL	TYPE OFC	POLYETHYLENE	CSA C22.2 NO 232 / UL STD 1951	UL STD 1951	-40°C to 75°C
	TYPE GAX		CSA C22.2 NO 214 / UL STD 444		-70°C to 75°C

* Actual maximum operating temperature of the cable depends on the maximum operating temperature of the outer cover.

MECHANICAL PROPERTIES:

ARMOR & JACKET:
 ALUMINUM 4-SIDED GALVANIZED STEEL
 JACKET COLORS OPTIONS AVAILABLE
 CRUSH RESISTANCE: 4448 N (1000 lba)
 TENSILE LOAD: 667 N (150 lba)
 IMPACT RESISTANCE: 20 Nm (15 Ft-lb)
 MIN. BEND RADIUS: 15x Cable diameter

TYPICAL CORE TYPES:

ARMOR & JACKET:
 CORE O.D.:
 CORE CABLE O.D. CAN RANGE FROM 0.185" - 1.9"

CONFIDENTIAL



AFC CABLE SYSTEMS

PROPRIETARY INFORMATION
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DESCRIPTION:	CPID - COMMUNICATION CABLES	
DRAWN BY:	PAUL J. REIS	DATE: February 28, 2012
APPROVED BY:	PAUL R. PICARD	DESIGN NO: 0128
DRAWING NO:	CPID COMMUNICATION CABLE SPEC.DWG	

Bundling & Special Packaging

HIGH DENSITY POLYETHYLENE PIPE – BUNDLING & SEGMENTING

- Segmented (chambered) reels are available in any color and any put up on request.
- Also available are bundled reels - two or more colors placed together on a reel to enable pulling as a bundle of colors.
- Available in any SDR or Schedule as well as Single Wall Kortech® (SWK) and Dual Wall Kortech® (DWK).



SPECIAL PACKAGING FOR LARGE WOODEN REELS

We want to ensure that your Eastern Wire + Conduit product is received in the same high quality condition that it left our plant.

For this reason, all of our large reels are braced on skids to allow safe handling avoiding damage.

We realize that these reels can travel great distances and be shuttled from carrier to carrier. We take the extra packaging steps in an effort to protect your product by securing the reel to the pallet and leaving a sufficient space between the product and the end of the reels flange.



Handling & Installation

RECEIVING

When receiving shipments of these products at the job site, the contractor or purchaser should exercise established precautions. Each shipment should be inspected and inventoried with care upon arrival. The product was inspected and loaded with care at our factory using methods acceptable to the carrier. It is the carrier's responsibility to deliver the shipment in good condition, and it is the receiver's responsibility to ensure that there is no loss or damage.

UNLOADING

The means by which these products are unloaded in the field is the decision and the responsibility of the receiver. The following recommendations should be followed:

1. Remove restraints from the reels. These may be straps, ropes or chains with padding.
2. Using a forklift (or front end loader equipped with forks), remove the reels one at a time from the truck.
3. During the removal and handling, ensure that the reels do not make impact with other objects, especially in cold weather.
4. Place reels on level ground.
5. Do not unload reels by hand. Care should be taken to ensure reels are not dropped or damaged.

STORAGE

The following procedures are recommended to prevent damage to your product:

1. Store on original reels.
2. Do not stack large reels.
3. When small reels are stacked, ensure that the weight of upper reel does not cause deformation to the lower reel.
4. Protect interior and sealing surfaces from dirt and foreign matter.
5. If you anticipate storing outside under intense sunlight for over one year, we advise you cover it with canvas or other opaque material, being sure to leave adequate air circulation.
6. **Protect-N-Duct Plenum and Riser should Never be stored outdoors.**

HANDLING

The following procedures are recommended:

1. When using mechanical equipment, exercise care to prevent damage to pipe.
2. Lower carefully from trucks and into trenches. Do not drop.
3. In freezing temperatures, use caution to prevent impact damage. Handling methods considered acceptable for warm weather are unacceptable during very cold weather. As the temperature approaches and drops below freezing, the flexibility and impact resistance of HDPE is reduced. Extra care should be used.
4. **Extreme care should be used if Protect-N-Duct™ is handled or installed in temperatures below 0°C (32°F).**

Disclaimer & Warranty

DISCLAIMER

The application information, references & ratings provided in sections of this catalog are not intended to provide all relevant information for the use and installation of our products.

Please consult the NEC®/CEC® and any applicable local codes before installation.

If you have any questions about the proper use of our products, please call Customer Services at 1-877-583-9085.

WARRANTY

We guarantee the right to replace or, at our option, to repair any material which we find, in our sole discretion, to be defective in material or workmanship, provided that a claim, and proof thereof, is made to us within thirty (30) days after purchaser's receipt thereof.

Our obligation, with respect to material found by us to be defective, shall be limited to replacement or repair. In no event shall we be liable for transportation to or from our factory, installation, adjustments, or any expenses or damages for loss of use, and the foregoing shall be the purchaser's sole remedy hereunder.

NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE, EXPRESSED, OR IMPLIED, STATUTORY, BY OPERATION OF LAW, OR OTHERWISE INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

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