



Insulation Electrical Pipe



Henan Exlon Environmental Protection Technology Co., Ltd

www.axpipe.com

COMPANY PROFILE

Henan Exlon Pipe Industry was established in 2005, located in Zhengzhou City, Henan Province. Henan Exlon's products and services cover plumbing products, fire-fighting equipment, environmental protection, home furnishing and building material one-stop services, etc. We dedicated to manufacturing and providing complete plumbing solutions for construction, mining, chemical, agriculture, farming and aqua-culturing industries.

Henan Exlon Pipe is mainly engaged in plastic pipe products and complete system application. The main products include: PE Water Supply Pipe, HDPE Drain Pipe, PP-R Cold and Hot Water Pipe, PVC-U Drain Pipe, PE-RT Surface Radiant Heating Pipe, PE-RT Oxygen Resistance Pipe, Butt Welding Aluminum-plastic Composite Pipe, Lap Welding Aluminum-plastic Composite pipe, PSP Steel-plastic Composite Pressure Pipe, Steel Wire Frame Reinforced PE Water Supply pipe, PE Gas Pipe, PE Double-wall Corrugated Pipe, PE Hollow Wall Winding Pipe, PVC Fire-retardant Insulated Electrical Bushing, PVC-M Water Supply Pipe, PB Ground Radiant Heating Pipe PB Oxygen Barrier, etc. They are widely used in the fields of building hot and cold water, building drainage, ground radiant heating, radiator heating, central air-conditioning, ground-source heat pump, municipal water supply, municipal drainage, gas pipe network and other pipeline systems. Among them, the production and sales volume of leading products of PE water supply pipes and HDPE drainage pipes rank among the highest in the industry.

Our certificates include but are not limited to the following:

CE, ISO4427, ISO9001, SGS, CNAS, ECM, etc.

Adhering to the core values of integrity and the corporate tenet of striving for realistic innovation and serving the society, Henan Exlon is committed to becoming a world-class material provider and targeting at the middle and high-end market to provide healthy green quality life for the majority of users.

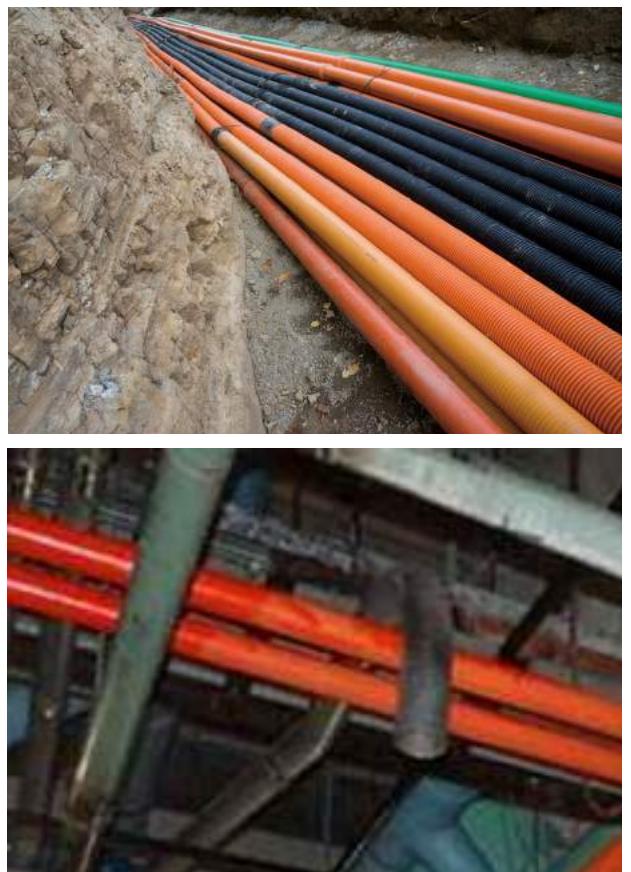






Application Field

- 1. Apply to road, bridge, civil airport, industrial zone and residential community construction.
- 2. According to different construction requests, cable conduit can be used and assembled with various special fittings.
- 3. Protecting underground urban power and communication cables.
- 4. Protective tube for buried cable under driveway and vital communication line.
- 5. As protective tube for cable crossing bridge, river or other special environment.



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PVC-U Insulation Electrical Pipe Series



- EXLON PIPE INDUSTRY

Heavy Duty A (405) Insulation Electrical Pipe



Code	Size (mm)	Package (pc/bundle)
X01-01	16	25
X01-02	20	15
X01-03	25	10
X01-04	32	6
X01-05	40	4
X01-06	50	3
X01-07	63	

Heavy Duty A (415) Insulation Electrical Pipe



Code	Size (mm)	Package (pc/bundle)
X02-01	16	25
X02-02	20	15
X02-03	25	10
X02-04	32	6
X02-05	40	4
X02-06	50	3
X02-07	63	

Medium B (305) Insulation Electrical Pipe



Code	Size (mm)	Package (pc/bundle)
X03-01	16	25
X03-02	20	15
X03-03	25	10
X03-04	32	6
X03-05	40	4
X03-06	50	3
X03-07	63	

Light C (205) Insulation Electrical Pipe



Code	Size (mm)	Package (pc/bundle)
X04-01	16	25
X04-02	20	15
X04-03	25	10
X04-04	32	6
X04-05	40	4
X04-06	50	3
X04-07	63	

PVC-U Insulation Electrical Fitting Series



- EXLON PIPE INDUSTRY

Coupler



Code	Size (mm)	Package (pcs/ctn)
X08-01	16	2500
X08-02	20	1500
X08-04	25	1000
X08-06	32	400
X08-07	40	190
X08-08	50	150

Long Coupler

Code	Size (mm)	Package (pcs/ctn)
X09-01	16	2250
X09-03	20	1300
X09-04	25	750
X09-05	32	350

Extra Long Coupler



Code	Size (mm)	Package (pcs/ctn)
X10-01	16	2000
X10-02	20	1200
X10-03	25	650

Reducer

Code	Size (mm)	Package (pcs/ctn)
X11-01	25x20	1000
X11-02	32x20	
X11-03	32x25	1000
X11-04	40x32	
X11-05	50x40	



PVC-U Insulation Electrical Fitting Series



- EXLON PIPE INDUSTRY

Drop Ear Reducer



Code	Size (mm)	Package (pcs/ctn)
X12-01	20	1000
X12-03	25	600
X12-04	32	280

90° Elbow



Code	Size (mm)	Package (pcs/ctn)
X13-01	16	2000
X13-02	20	850
X13-03	25	550
X13-04	32	250
X13-05	40	350

Equal Tee



Code	Size (mm)	Package (pcs/ctn)
X14-01	16	1000
X14-02	20	600
X14-03	25	350
X14-04	32	180
X14-05	40	110
X14-06	50	70

90° Bend (Molded)



Code	Size (mm)	Package (pcs/ctn)
X15-01	16	1300
X15-02	20	800
X15-03	25	420
X15-04	32	180
X15-05	40	220
X15-06	50	220

PVC-U Insulation Electrical Fitting Series



- EXLON PIPE INDUSTRY

Pre-Casted Bend



Code	Size (mm)	Package (pcs/ctn)
X16-01	20	400
X16-02	25	120
X16-03	32	60

Pre-Casted Bend Assembly

Code	Size (mm)	Package (pcs/ctn)
X17-01	25	120
X17-02	32	60

Long Radius Bend



Code	Size (mm)	Package (pcs/ctn)
X18-01	16	
X18-02	20	
X18-03	25	
X18-04	32	
X18-05	40	220
X18-06	50	

Pipe Plug

Code	Size (mm)	Package (pcs/ctn)
X19-01	16	
X19-02	20	
X19-03	25	



PVC-U Insulation Electrical Fitting Series



- EXLON PIPE INDUSTRY

Cleanout Adapter With Plug



Code	Size (mm)	Package (pcs/ctn)
X20-02	20	1000
X20-03	25	700
X20-04	32	360
X20-05	40	360
X20-06	50	
X20-07	20	900
X20-08	20x16	1000

Male Threaded Plug

Code	Size (mm)	Package (pcs/ctn)
X21-02	20	
X21-03	25	
X21-04	32	
X21-05	40	
X21-06	50	

Quick Plug

Code	Size (mm)	Package (pcs/ctn)
X22-02	20	1500
X22-03	25	1000

U Clamps

Code	Size (mm)	Package (pcs/ctn)
X23-01	16	5000
X23-02	20	4000
X23-03	25	3000
X23-04	32	1800
X23-05	40	1000

PVC-U Insulation Electrical Junction Box Series



SGS

- EXLON PIPE INDUSTRY

One Way Junction Box



Code	Size (mm) Hole Dia (Box Dia*Height)	Package (pcs/ctn)
X24-01	16 (65x35)	220
X24-02	20 (65x35)	200
X24-03	25 (65x40)	160

Two Way R-Angle Junction Box



Code	Size (mm) Hole Dia (Box Dia*Height)	Package (pcs/ctn)
X25-01	16 (65x35)	180
X25-02	20 (65x35)	170
X25-03	25 (65x40)	150

Two Way Straight Junction Box



Code	Size (mm) Hole Dia (Box Dia*Height)	Package (pcs/ctn)
X26-01	16 (65x35)	180
X26-02	20 (65x35)	170
X26-03	25 (65x40)	140

Three Way Junction Box



Code	Size (mm) Hole Dia (Box Dia*Height)	Package (pcs/ctn)
X27-01	16 (65x35)	170
X27-02	20 (65x35)	160
X27-03	25 (65x40)	130

Cross Junction Box



Code	Size (mm) Hole Dia (Box Dia*Height)	Package (pcs/ctn)
X28-01	16 (65x35)	160
X28-02	20 (65x35)	140
X28-03	25 (65x40)	110

Round Cover



Code	Size (mm) Hole Dia (Box Dia*Height)	Package (pcs/ctn)
X29-01	65	



PVC-U Insulation Electrical Concealed Junction Box Series



- EXLON PIPE INDUSTRY

Concealed One Way



	Code	Size (mm)	Package (pcs/ctn)
X30-01	16	220	
X30-02	20	220	
X30-03	25	220	

Concealed Two Way Straight



	Code	Size (mm)	Package (pcs/ctn)
X31-01	16	200	
X31-02	20	180	
X31-03	25	180	

Concealed R-Angle



	Code	Size (mm)	Package (pcs/ctn)
X32-01	16	200	
X32-02	20	180	
X32-03	25	180	

Concealed Three Way



	Code	Size (mm)	Package (pcs/ctn)
X33-01	16	180	
X33-02	20	180	
X33-03	25	160	

Concealed Cross



	Code	Size (mm)	Package (pcs/ctn)
X34-01	16	180	
X34-02	20	160	
X34-03	25	140	

Concealed Cover



	Code	Size (mm)	Package (pcs/ctn)
X35-01	65	500	

PVC-U Insulation Electrical Concealed Junction Box Series Stud Series



- EXLON PIPE INDUSTRY

Steel Stud Square Box

Code	Size (mm)	Aperture	Package (pcs/ctn)
X36-01	(M86) 78x50 (width*height)	20x20	224
X36-02		25x20	224
X36-03		25x25	224
X36-04	(M86) 78x56 (width*height)	20x20	196
X36-05		25x20	196
X36-06		25x25	196
X36-07	(M86) 78x60 (width*height)	20x20	196
X36-08		25x20	196
X36-09		25x25	196
X36-10	(M86) 78x70 (width*height)	20x20	168
X36-11		25x20	168
X36-12		25x25	168
X36-13	(M86) 78x90 (width*height)	20x20	140
X36-14		25x20	140
X36-15		25x25	140
X36-16	(M86) 78x100 (width*height)	20x20	112
X36-17		25x20	112
X36-18		25x25	112
X36-19	(M86) 78x110 (width*height)	20x20	112
X36-20		25x20	112
X36-21		25x25	112



PVC-U Insulation Electrical Concealed Junction Box Steel Stud Series



- EXLON PIPE INDUSTRY

Steel Stud Square Box Assembly

	Code	Size (mm)	Aperture	Package (pcs/ctn)
X37-01		(M86) 78x50 (width*height)	20x20	162
			25x20	162
			25x25	162
X37-04		(M86) 78x60 (width*height)	20x20	126
			25x20	126
			25x25	126
X37-07		(M86) 78x70 (width*height)	20x20	108
			25x20	108
			25x25	108

Perforated Steel Stud Square Box Type II

	Code	Size (mm)	Aperture	Package (pcs/ctn)
X39-01		(M86) 78x70 (width x height)	20x20	144
			25x20	144
			25x25	144

AL Filmed Steel Stud Square Box

	Code	Size (mm)	Aperture	Package (pcs/ctn)
X41-01		(M86) 78x70 (width*height)	20x20	
			25x20	
			25x25	

Perforated Steel Stud Square Box Type I

	Code	Size (mm)	Aperture	Package (pcs/ctn)
X38-01		(M86) 78x70 (width*height)	20x20	144
			25x20	144
			25x25	144
X38-04		(M86) 78x60 (width*height)	20x20	168
			25x20	168
			25x25	168

Perforated Steel Stud Square Box Assembly

	Code	Size (mm)	Aperture	Package (pcs/ctn)
X40-01		(M86) 78x70 (width x height)	20x20	108
			25x20	108
			25x25	108

AL Filmed Steel Stud Rectangle Box

	Code	Size (mm)	Aperture	Package (pcs/ctn)
X42-01		164x77x50	20x20	
			25x20	
			25x25	

PVC-U Insulation Electrical Concealed Junction Box Steel Stud Series



- EXLON PIPE INDUSTRY

Steel Stud Rectangle Box



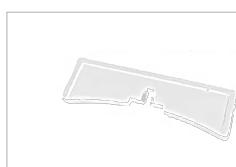
Code	Size (mm)	Aperture	Package (pcs/ctn)
X43-01	164x77x50	20x20	116
X43-02		25x20	116
X43-03		25x25	116

Rectangle Box Cover



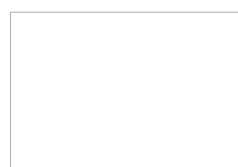
Code	Size (mm)	Package (pcs/ctn)
X44-01	164x77	170

Rectangle Box Spacer



Code	Size (mm)	Package (pcs/ctn)
X45-01		

Rectangle Box Raising Block



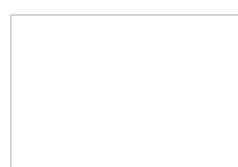
Code	Size (mm)	Package (pcs/ctn)
X46-01	78x78x30	300
X46-02	78x78x22	430

Square Box Cover



Code	Size (mm)	Package (pcs/ctn)
X47-01	78x78	350
X47-02	108x108	130

AL Filmed Steel Stud Square Box Cover



Code	Size (mm)	Package (pcs/ctn)
X48-01	78x78	



PVC-U Insulation Electrical Concealed Junction Box Plastic Stud Series



- EXLON PIPE INDUSTRY

Plastic Stud Square Box

Code	Size (mm)	Aperture	Package (pcs/ctn)
X49-01	(M86) 78x38 (width x height)	20x20	224
X49-02		25x20	224
X49-03		25x25	224
X49-04	(M86) 78x48 (width x height)	20x20	196
X49-05		25x20	196
X49-06		25x25	196
X49-07	(M86) 78x56 (width x height)	20x20	196
X49-08		25x20	196
X49-09		25x25	196
X49-10	(M86) 78x60 (width x height)	20x20	168
X49-11		25x20	168
X49-12		25x25	168
X49-13	(M86) 78x65 (width x height)	20x20	140
X49-14		25x20	140
X49-15		25x25	140
X49-16	(M86) 78x70 (width x height)	20x20	112
X49-17		25x20	112
X49-18		25x25	112
X49-19	(M86) 108x70 (width x height)	20x20	112
X49-20		25x20	112
X49-21		25x25	112

PVC-U Insulation Electrical Concealed Junction Box Plastic Stud Series



- EXLON PIPE INDUSTRY

Plastic Stud Square Box

	Code	Size (mm)	Aperture	Package (pcs/ctn)
X49-22	(M86) 78x48 (width*height)	20x20	252	
X49-23		25x20	252	
X49-24		25x25	252	
X49-25	(M86) 78x60 (width*height)	20x20	196	
X49-26		25x20	196	
X49-27		25x25	196	
X49-28	(M86) 78x70 (width*height)	20x20	168	
X49-29		25x20	168	
X49-30		25x25	168	

Perforated Plastic Stud Square Box

	Code	Size (mm)	Aperture	Package (pcs/ctn)
X50-01	(M86) 78x70 (width*height)	20x20	108	
X50-02		25x20	108	
X50-03		25x25	108	
X50-04	(M86) 78x80 (width*height)	20x20	90	
X50-05		25x20	90	
X50-06		25x25	90	
X50-07	(M86) 78x70 (width*height)	20x20	108	
X50-08		25x20	108	
X50-09		25x25	108	

Plastic Stud Rectangle Box

	Code	Size (mm)	Aperture	Package (pcs/ctn)
X51-01	140x80x50	20x20	112	
X51-02		25x20	112	
X51-03		25x25	112	

Plastic Stud Square Box Assembly

	Code	Size (mm)	Aperture	Package (pcs/ctn)
X52-01	(M86) 78X50	20x20	144	
X52-02		25x20	144	
X52-03		25x25	144	

Plastic Stud Square Box Inner Cover

	Code	Size (mm)	Aperture	Package (pcs/ctn)
X53-01		78x78		

Rectangle Box Cover

	Code	Size (mm)	Aperture	Package (pcs/ctn)
X54-01		140x80		170



PVC-U Other Insulation Electrical Concealed Junction Box



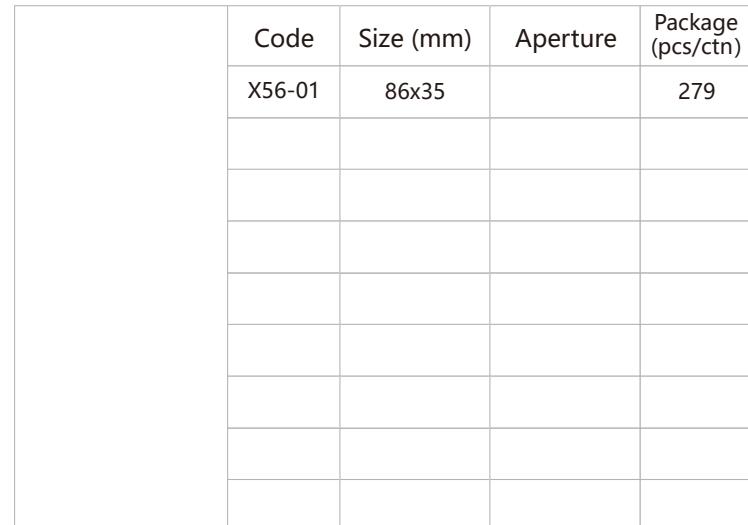
- EXLON PIPE INDUSTRY

Copper Embedded Square Box



Code	Size (mm)	Aperture	Package (pcs/ctn)
X55-01	(M86) 78x38 (width*height)	20x20	308
X55-02		25x20	308
X55-03		25x25	308
X55-04	(M86) 78x50 (width*height)	20x20	224
X55-05		25x20	224
X55-06		25x25	224
X55-07	(M86) 78x70 (width*height)	20x20	168
X55-08		25x20	168
X55-09		25x25	168

Unconcealed Switch Square Box

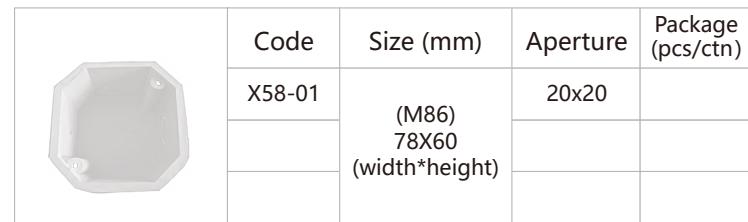


Octagonal Junction Box I



Code	Size (mm)	Aperture	Package (pcs/ctn)
X57-01	(M86) 78X60 (width*height)	20x20	1.96

Octagonal Junction Box II (Plastic Stud)



PVC-U Insulation Electrical New Fittings



- EXLON PIPE INDUSTRY

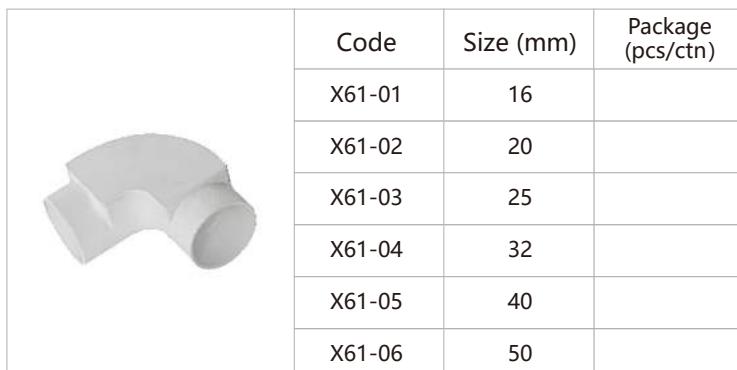
| Socket Holder

Tee with Cover



Code	Size (mm)	Package (pcs/ctn)
X60-01	16	
X60-02	20	
X60-03	25	
X60-04	32	
X60-05	40	
X60-06	50	

90°Elbow with Cover





PVC-U Insulation Electrical Trunking Series



- EXLON PIPE INDUSTRY

U Channel

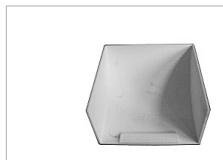


Code	Size (mm)	Package (pcs/ctn)
X62-01	100x60	

U Channel Coupler

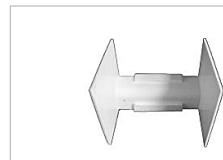
	Code	Size (mm)	Package (pcs/ctn)
	X63-01	100x60	200

U Channel Cap



Code	Size (mm)	Package (pcs/ctn)
X64-01	100x60	110

U Channel Inner Side Elbow



	Code	Size (mm)	Package (pcs/ctn)
	X65-01	100x60	120

U Channel Angle Elbow



Code	Size (mm)	Package (pcs/ctn)
X66-01	100x60	96

U Channel Tee



	Code	Size (mm)	Package (pcs/ctn)
	X67-01	100x60	90

U Channel Outer Elbow



Code	Size (mm)	Package (pcs/ctn)
X68-01	100x60	120

PVC-U Insulation Electrical Tools



- EXLON PIPE INDUSTRY

Spring A Use for A Pipe



Code	Size (mm)	Package (pcs/ctn)
X69-01	16	
X69-02	20	
X69-03	25	
X69-04	32	

Spring B Use for B Pipe



Code	Size (mm)	Package (pcs/ctn)
X70-01	16	
X70-02	20	
X70-03	25	
X70-04	32	

Spring C Use for C Pipe



Code	Size (mm)	Package (pcs/ctn)
X71-01	16	
X71-02	20	
X71-03	25	
X71-04	32	

PVC Glu (ECO Friendly)



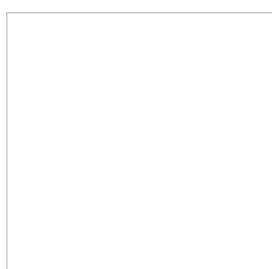
Code	Specs	Package (pcs/ctn)
X72-01	500	
X72-02	1000	

PVC Glu (Normal)



Code	Specs	Package (pcs/ctn)
X73-01	500g	
X73-02	1000g	

Pipe Cutter



Code	Specs	Package (pcs/ctn)
X74-01	16-32	

Plastic Corrugated Conduit

SGS

- EXLON PIPE INDUSTRY



HS Plastic Corrugated Conduit

- Exceptional quality with high mechanical strength
- UV stabilized, and highly resistant to humid conditions
- Does not attract rodents
- Ideal for high oppression surface electrical installations requiring increased safety measures.



Plastic Corrugated Conduit



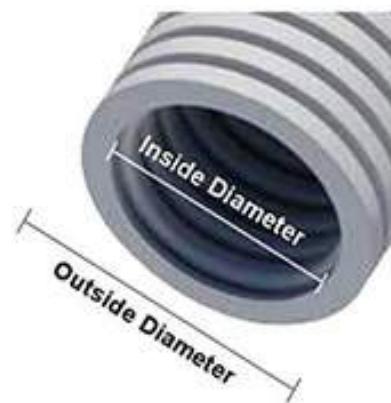
- EXLON PIPE INDUSTRY



Corrugated Conduit - Medium Duty



- 16mm - Coil Corrugated Conduit 10m, 20m, 50m
- 20mm - Coil Corrugated Conduit 10m, 20m, 50m
- 25mm - Coil Corrugated Conduit 10m, 20m, 50m
- 32mm - Coil Corrugated Conduit 10m, 25m
- 40mm - Coil Corrugated Conduit 10m, 25m
- 50mm - Coil Corrugated Conduit 10m, 25m
- 63mm - Coil Corrugated Conduit 10m



DN (mm)	Outside Diameter (mm)	Inside Diameter (mm)	Package (m)
16	16+0.-0.3	10,7	10,20,50
20	20+0.-0.4	14,1	10,20,50
25	25+0.-0.4	18,3	10,20,50
32	32+0.-0.4	24,3	10,25
40	40+0.-0.4	31,2	10,25
50	50+0.-0.5	39,6	10,25
63	63+0.-0.6	50,6	10

Plastic Corrugated Conduit

SGS

- EXLON PIPE INDUSTRY

Corrugated Conduit - Medium Duty Grey with Draw Wire



- 20mm - Coil 20m & 50m with draw wire
- 25mm - Coil 20m & 50m with draw wire
- 32mm - Coil 25m with draw wire
- 40mm - Coil 25m with draw wire
- 50mm - Coil 25m with draw wire
- 63mm - Coil 10m with draw wire

Corrugated Conduit - Medium Duty Grey with Draw Wire



- 20mm - Coil Corrugated Communications White 20m & 50m
- 25mm - Coil Corrugated Communications White 20m & 50m
- 32mm - Coil Corrugated Communications White 25m
- 40mm - Coil Corrugated Communications White 25m
- 50mm - Coil Corrugated Communications White 25m
- 63mm - Coil Corrugated Communications White 10m

Resistance to Compression	Minimum 750Nt /5cm
Resistance to Impact	Minimum 2 Joule
Maximum Application Temperature	+60°
Minimum Application Temperature	-5°
Ingress Protection (IP)	IP 66
Resistance to Flame Propagation	Non-flame propagating
Dielectric Strength	Electro-insulating characteristics
Color	Light grey RAL 7035
Resistance to UV	Extreme resistance to UV radiation
Material	U-PVC
Material Specifications	Heavy metal free (RoHS), self-extinguishing, flame retardant, does not attract rodents

Plastic Corrugated Conduit

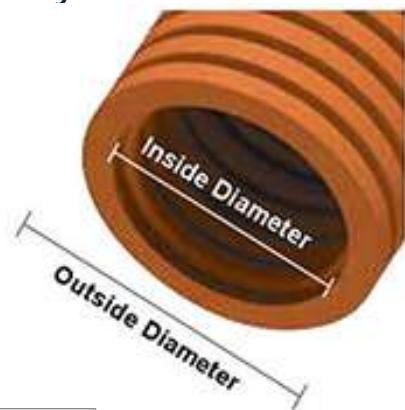


- EXLON PIPE INDUSTRY

Orange Corrugated Conduit Heavy Duty



- 20mm - Coil Corrugated Conduit 10m, 20m, 50m
- 25mm - Coil Corrugated Conduit 10m, 20m, 50m
- 32mm - Coil Corrugated Conduit 10m, 25m
- 40mm - Coil Corrugated Conduit 10m, 25m
- 50mm - Coil Corrugated Conduit 10m, 25m
- 63mm - Coil Corrugated Conduit 10m



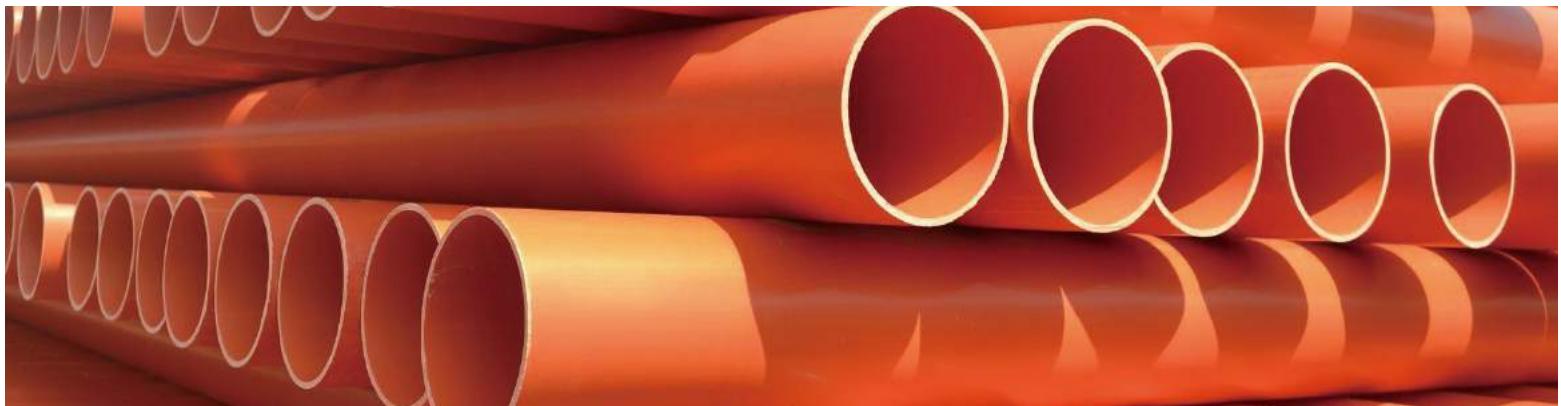
DN (mm)	Outside Diameter (mm)	Inside Diameter (mm)	Package (m)
20	20+0.-0.3	12,7	10,20,50
25	25+0.-0.4	16.5	10,20,50
32	32+0.-0.4	22	10,25
40	40+0.-0.4	28.3	10,25
50	50+0.-0.5	36	10,25
63	63+0.-0.6	46	10

Resistance to Compression	Minimum 1250Nt /5cm
Resistance to Impact	Minimum 6 Joule
Maximum Application Temperature	+60°
Minimum Application Temperature	-5°
Ingress Protection (IP)	IP 66
Resistance to Flame Propagation	Non-flame propagating
Dielectric Strength	Electro-insulating characteristics
Color	Orange RAL 2012
Resistance to UV	Extreme resistance to UV radiation
Material	U-PVC
Material Specifications	Heavy metal free (RoHS), self-extinguishing, flame retardant, does not attract rodents

PVC Power Communication Casing



- EXLON PIPE INDUSTRY



Product Features

Lightweight: The weight is generally 1/10 of similar pressure pipes and 1/6 of steel pipes. It is convenient to transport and install. The construction is convenient and has significant economic benefits; the power cable protection pipe is composed of joints, waterproof sealing rings, brackets and other components. The design is reasonable and the construction is convenient. There is no need to pour a concrete protective layer. The bracket adopts combined connection, which shortens the construction period. There is no radioactive carcinogen, and it has significant economic and social benefits.

Excellent corrosion resistance: PVC-C is resistant to chemical solvents such as acid, alkali and salt, and will not crack when exposed to grease.

High strength, flame retardant, smoke suppression, heat resistance, long service life: Power cable protective sleeve completely overcomes the shortcomings of poor weather resistance of ordinary PVC pipes. The biggest difference is that the Vicat softening temperature of PVC-C power cable sleeve is 93 °C, about 20°C higher than PVC. Compared with the traditional form of asbestos and cement, it has the characteristics of good flexibility, high temperature resistance, not easy to break and aging, long service life, and no radioactive pollution. Its strength can replace steel pipes and overcome the phenomenon that steel pipes are easily corroded and the single-core cable is damaged due to the formation of a closed magnetic circuit; the flame retardant grade of PVC-C pipe is FV-0, and it cannot burn by itself. It will go out immediately after leaving the fire. , Basically no heat transfer, linear expansion coefficient of $6.3 \times 10^{-5} \text{ cm/cm}^{\circ}\text{C}$, Vicat softening temperature $\geq 90^{\circ}\text{C}$.

Superior performance and price: PVC-C pipe is slightly lower than similar cement pressure pipes, 20% lower than similar steel pipes, and the overall cost can be reduced by 15%

PVC Power Communication Casing



- EXLON PIPE INDUSTRY

I Product Description

PVC-C power sleeve pipe is a new type of buried high-voltage power cable protection pipe made of PVC-C resin as master batch and added with anti-impact, stability and other auxiliary materials through high-speed extrusion. The product has the characteristics of high strength, good flexibility, high temperature resistance, corrosion resistance, flame retardant, good insulation performance, no pollution, not easy to aging, light weight, convenient construction, etc. Its performance indicators have been tested and appraised at the national and provincial levels And certification, have reached or exceeded the level of similar domestic products. The product performance is better than traditional asbestos cable pipes and ordinary PVC pipes, and it is an ideal substitute for traditional power cable protective sleeves.

I Scope of application

- It is widely used in the construction and transformation of urban power grids;
- urban municipal transformation projects;
- civil aviation airport engineering construction;
- engineering parks and community construction.



PVC Power Communication Casing



- EXLON PIPE INDUSTRY

I Technical Parameters

Nominal Outer Diameter (mm)	Average Outer Diameter (mm)		Wall thickness (mm)		Long/Color
	Basic Size	Allowable Deviation	Basic Size	Allowable Deviation	
110	110	+0.8-0.4	5.0	+5.0 0	Colour is Usually Orange Redlength 6M
139	139	+0.8-0.4	6.0	+5.0 0	
167	167	+0.8-0.4	6.0	+5.0 0	
167	167	+1.8-0.5	8.0	+5.0 0	
192	192	+1.8-0.5	6.0	+5.0 0	
192	192	+1.8-0.5	8.0	+5.0 0	
219	219	+1.8-0.5	7.0	+5.0 0	
219	219	+1.8-0.5	9.0	+5.0 0	

I Physical and Mechanics Properties

Project			Technical Index	
Vicat softening temperature (°C)			≥93	
Thermal compression force of ring segment (KN)	Nominal wall thickness (en/mm)	5.0~ < 8.0	≥0.45	
		≥8.0	≥1.26	
Volume resistivity (Ω·m)			≥1.0×10 ¹¹	
Drop impact (20±2°C)			10 impact, 9 times, no fracture	
Longitudinal retraction rate (%)			≤5.0	

HDPE Silicon Core Pipe



- EXLON PIPE INDUSTRY

I Product Description:

Silicon core pipe is a new type of composite pipe with silicone solid lubricant on the inner wall. It has good sealing performance, chemical corrosion resistance and low engineering cost. It is widely used in optical cable communication network systems such as highways and railways. HDPE silicon core pipe is a new type of composite pipe with silicone solid lubricant on the inner wall, referred to as silicon pipe. Simultaneously extruded and compounded by three plastic extruders, the main raw material is high-density polyethylene, and the core layer is made of solid lubricant silica gel with the lowest friction coefficient. It is widely used in optical cable communication network systems.

I Performance Characteristics:

- The silicon core layer on the inner wall is solid, permanent lubricant;
- The silicon core layer of the inner wall is simultaneously squeezed into the high-density polyethylene pipe wall, and is evenly distributed throughout the inner wall of the pipe, without peeling or detaching, also it has the same life as the silicon pipe;
- The silicon core layer on the inner wall has the same physical and mechanical properties as the high-density polyethylene;
- The friction characteristics of the inner silicon core layer remain unchanged, the cable can be drawn repeatedly in the pipeline;
- The silicon core layer on the inner wall does not react with water, it can use water to flush the pipeline after an accident.



HDPE Silicon Core Pipe



- EXLON PIPE INDUSTRY

Specification (dn)	Average Outer Diameter (mm)		Thickness & MPE (mm)		Ovality (mm)	
	Standard Values	MPE	Standard Values	MPE	Before Coiled	After Coiled
32/26	32	+0.3 0	2.5	+0.30 0	≤2	≤3
34/28	34	+0.3 0	3.0	+0.30 0	≤2	≤3
40/33	40	+0.4 0	3.5	+0.35 0	≤2.5	≤3.5
46/38	46	+0.4 0	4.0	+0.35 0	≤3	≤5
50/41	50	+0.5 0	4.5	+0.40 0	≤3	≤5
63/54	63	+0.6 0	5.0	+0.40 0	≤3	≤5

* The Specifications and MPE of Assist Pipe is Discussed by Supplier and Buyer.

- **Wall thickness of silicon tube:** Min:2mm. Max: 6mm. If there any special requirements for the pipe thickness, it can be customized. The normal silicon pipe thickness are: 3.0mm,3.5mm, 4.0mm.
- **Length of the silicon pipe:** leaving factory standard of 50/42 silicon pipe length is 1500m, 40/33 silicon pipe length is 2000m, 32/26 silicon pipe length is 3000m. If there any other special requirements of the length, the pipe can be customized length according to the situation of transportation.
- **Color:** Any color or a solid color tube can be inlaid with longitudinal stripes of other colors.



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