

UNIPRO

SECTION D

NON-METALLIC CABLE MANAGMENT SYSTEM

1 .PVC ELECTRICAL CONDUITS, FITTINGS & TRUNKINGS

1. DUCTS

2. FITTINGS

3.PLASTIC PIPE CEMENT

2. CABLE TIES

3.HOT SHRINK TUBING

PVC ELECTRICAL CONDUITS, FITTINGS & TRUNKINGS

www.unipro-ikk.com

NAMCODUCT



NAMCODUCT® conduit pipes and fittings meet the requirements prescribed by the following standards organisations: SASO, BS, NEMA and ASTM. Our PVC pipe conduit range in straight runs of 2.9, 3, 6 meters are marked with standards specificatio requirements, logo, product name, standard, schedule/ class, country of origin, manufacturer name, and a unique batch number that ensures traceability tracking and quality control.

NAMCODUCT® products are non-flame propagating, combustion proof with good insulation properties having high anti-current puncture proof and lower thermal conductivity than that of metals. The products are also impact resistant, moisture proof, acids and alkalis-resistant and rust-free. Since PVC conduit pipes have no smell to attract rodents, it does not cause any kind of biotic attacks. Easy to install and maintain with complete range of solvent cement fabricated electrical fittings, light in weight with a specific weight which is about one fifth of the steel pipe, resulting in a drop-down on the transportation cost, and facilitating pipes installation.

NAMCODUCT® SPLIT DUCT



Split Duct is the fastest and easiest way to repair broken ducts and is also cost effective. Cutting and replacing of your conductors. The male - female groove design leads the industry in providing a strong, rigid solution for duct repair situations. The interlocking design allows the split duct sections to be staggered and butted together. Joints may be sealed with tape and reinforced with plastic or metallic straps to produce a rigid, stable unit. Available in 2» through 6» diameters, this product line also contains couplings and sweeps necessary to complete the system.

Segment degree (°)	Nominal Size inch
°45	6 - 2" "
°2/1 22	6 - 2" "
°4/1 11	6 - 2" "

NAMCODUCT® FITTINGS/ CONDUIT ACCESSORIES (BRITISH STANDARD)

STANDARD COUPLING

Available in Black color. White color upon request.



Code No.	Size	Std. Packs
	mm	pcs
SCPG020B	20	200
SCPG025B	25	110
SCPG032B	32	60
SCPG038B	38	45
SCPG050B	50	15

EXPANSION COUPLING

Available in Black color. White color upon request.



Code No.	Size	Std. Packs
	mm	pcs
ECPG020B	20	80
ECPG025B	25	40
ECPG032B	32	40
ECPG038B	38	25
ECPG050B	50	15

PVC ELECTRICAL CONDUITS, FITTINGS & TRUNKINGS

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NAMCODUCT® FITTINGS/ CONDUIT ACCESSORIES (BRITISH STANDARD)

REDUCERS

Available in Black color. White color upon request.



Code No.	Size	Std. Packs
	mm	pcs
RCPG20/25B	20X25	180

SADDLE & BASE

Available in Black color. White color upon request.



Code No.	Size	Std. Packs
	mm	pcs
SDBA020B	20	200
SDBA025B	25	200
SDBA032B	32	130
SDBA038B	38	130
SDBA050B	50	50

FEMALE ADAPTOR

Available in Black color. White color upon request.



Code No.	Size	Std. Packs
	mm	pcs
FTAA020B	20	200
FTAA025B	25	120
FTAA032B	32	60
FTAA038B	38	40
FTAA050B	50	20

MALE THREADED ADAPTOR

Available in Black color. White color upon request.



Code No.	Size	Std. Packs
	mm	pcs
MTAA020B	20	250
MTAA025B	25	125
MTAA032B	32	100
MTAA038B	38	60
MTAA050B	50	25

NAMCODUCT® CIRCULAR BOXES

1 WAY TERMINAL JUNCTION BOX

Available in Black color. White color upon request.



Code No.	Size	Std. Packs
	mm	pcs
1TJB020B	20	40
1TJB025B	25	35

2 WAY TERMINAL JUNCTION BOX

Available in Black color. White color upon request.



Code No.	Size	Std. Packs
	mm	pcs
2TJB020B	20	30
2TJB025B	25	25

PVC ELECTRICAL CONDUITS, FITTINGS & TRUNKINGS

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NAMCODUCT® CIRCULAR BOXES

3 WAY TERMINAL JUNCTION BOX

Available in Black color. White color upon request.



Code No.	Size	Std. Packs
	mm	pcs
3TJB020B	20	25
3TJB025B	25	20

4 WAY TERMINAL JUNCTION BOX

Available in Black color. White color upon request.



Code No.	Size	Std. Packs
	mm	pcs
4TJB020B	20	20
4TJB025B	25	18

ANGLE 2 WAY TERMINAL JUNCTION BOX

Available in Black color. White color upon request.



Code No.	Size	Std. Packs
	mm	pcs
ATJB020B	20	30
ATJB025B	25	30

2 WAY U TYPE TERMINAL JUNCTION BOX

Available in Black color. White color upon request.



Code No.	Size	Std. Packs
	mm	pcs
UTJB020B	20	30
UTJB025B	25	30

Y - TYPE TERMINAL JUNCTION BOX

Available in Black color. White color upon request.



Code No.	Size	Std. Packs
	mm	pcs
YTJB020B	20	25
YTJB025B	25	25

H - TYPE TERMINAL JUNCTION BOX

Available in Black color. White color upon request.



Code No.	Size	Std. Packs
	mm	pcs
HTJB020B	20	24
HTJB025B	25	24

PVC ELECTRICAL CONDUITS, FITTINGS & TRUNKINGS

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NAMCODUCT® CIRCULAR BOXES

LOOP IN BOX

Available in Black color. White color upon request.



Code No.	Size	Std. Packs
	mm	pcs
LPIN020B	20	40
LPIN025B	25	40

TERMINAL LID

Available in Black color. White color upon request.



Code No.	Size	Std. Packs
	mm	pcs
TRLD66B	66	225

BENDS

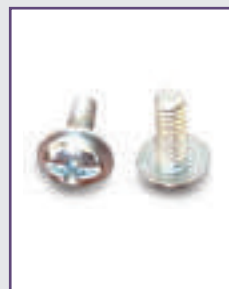
Available in Black color. White color upon request.



Code No.	Size	Std. Packs
	mm	pcs
1550MMQKK20X1.55B	20	125
1550MMQKK25X1.8B	25	60
1550MMQKK32X2.1B	32	25
1550MMQKK38X2.25B	38	15
1550MMQKK50X2.85B	50	1

SCREWS

Available in Black color. White color upon request.



Screws for Junction Boxes

Code No.	Size	Std. Packs
	mm	pcs
ZSCRW012	12.35 X 4	200

Screws for Saddle & Base

Code No.	Size	Std. Packs
	mm	pcs
ZSCRW010	10.00 X 4	200

NAMCODUCT® LONG RADIUS BENDS (AMERICAN STANDARD: NEMA TC 3)

MALE ADAPTORS

Available in grey color only



Code No.	Size	Std. Packs
	inch	pcs
MTAA034G	4/3	120
MTAA001G	1	120

PIPE BASE SPACER

Available in black and grey color



Code No.	Size	Std. Packs
	inch	pcs
BASP4X2B	4X2	100
BASP6X2B	6X2	100

COUPLER

Available in grey color only



Code No.	Size	Std. Packs
	inch	pcs
SCPG034G	4/3	100
SCPG001G	1	70

PIPE INTER SPACER

Available in black and grey color



Code No.	Size	Std. Packs
	inch	pcs
INSP4X2B	4X2	100
INSP6X2B	6X2	75

CABLE TIES

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The standard cable ties are produced exclusively in Polyamide 6.6 to avoid problems with separation of material (e.g., metals) during recycling or interference with electronic equipment. The black cable ties are added with carbon black that gives an UV resistance for outside applications.

STANDARD CABLETIES - POLYAMIDE 6.6 WIDTH 2,2 : 12,5

NATURAL COLOUR CABLE TIES

Code	Description	Pcs/Pack	Pcs/Carton
EL-1100-C-5201CTS	2,2x75	100	20.000
EL-1110-C-5203CTS	2,5x98	100	15.000
EL-1120-C-5205CTS	2,6x135	100	12.000
EL-1130-C-5206CTS	2,6x160	100	10.000
EL-1140-C-5207CTS	2,6x200	100	8.000
EL-1150-C-5209CTS	3,6x140	100	7.000
EL-1160-C-5214CTS	3,6x200	100	7.000
EL-1170-C-5210CTS	3,6x290	100	4.500
EL-1175-C-5208CTS	4,5x120	100	8.000
EL-1180-C-5212CTS	4,5x160	100	6.000
EL-1190-C-5211CTS	4,8x178	100	5.000
EL-1200-C-5213CTS	4,8x200	100	4.000
EL-1210-C-5215CTS	4,8x250	100	4.500
EL-1220-C-5216CTS	4,8x290	100	3.500
EL-1240-C-5217CTS	4,8x360	100	3.000
EL-1245-C-5219CTS	4,8x390	100	7.000
EL-1250-C-5218CTS	4,8x430	100	6.000
EL-1270-C-5220CTS	7,8x120	100	4.000
EL-1280-C-5221TS	7,8x180	100	2.500
EL-1290-C-5223TS	7,8x240	100	2.000
EL-1300-C-5225TS	7,8x300	100	1.500
EL-1310-C-5226TS	7,8x365	100	1.500
EL-1320-C-5227TS	7,8x450	100	3.000
EL-1330-C-5229TS	7,8x540	100	2.000
EL-1340-C-5231TS	7,8x750	100	2.000
EL-1350-C-5233TS	9,0x780	100	1.300
EL-1360-C-5234TS	12,5x225	50	2.000
EL-1380-C-5237TS	12,5x225	50	1.000
EL-1390-C-5239TS	12,5x720	50	1.000
EL-1400-C-5241TS	12,5x850	50	1.500
EL-1410-C-5243TS	12,5x1000	50	1.000



HOT SHRINK TUBING

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EV 100

EV 100 is a thin wall heat shrinkable tubing in cross-linked polyolefin, economic, suitable for electrical insulation and general applications where a low shrinking temperature is required. Available in reel, dispenser box, 1 mtr. length.



TECHNICAL DATA

Shrinking ratio: 2: 1.
Diameters available: from Ø 1,6 mm to Ø 50,8 mm.
Colours available: black.
Working temperature: -30°C ÷ 105°C.
Shrinking temperature: > 90°C.
Flammability rating: not self-extinguishing.
Longitudinal change: +5%; -10%.
Dielectric strength: > 20 kV/mm.a

APPLICATIONS

Insulation, protection and identification cables and joints.

BENEFITS

Halogen-free.



LINKED PRODUCTS

Heat guns & accessories



HOT SHRINK TUBING

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ET 100

ET 100 is a thin wall heat shrinkable tubing in cross-linked polyolefin, self-extinguishing, flexible and strong, with chemical resistance and safety in the electrical insulation, suitable for general applications. Available in reel, dispenser box, 1 mtr. length.



TECHNICAL DATA

Shrinking ratio: 2: 1.
Diameters available: from Ø 1,2 mm to Ø 101,6 mm.
Colours available: black, white, red, blue, transparent, green/yellow.
Working temperature: -55°C ÷ 135°C.
Shrinking temperature: > 90°C.
Flammability rating: self-extinguishing UL 224 (except transparent).
Longitudinal change: -5%; +5%.
Dielectric strength: > 20 kV/mm.



APPLICATIONS

Insulation, protection and identification cables and joints.

BENEFITS

Self-extinguishing.

HOT SHRINK TUBING

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ELEMATIC



EL 100

EL 100 is a flexible, self-extinguishing thin wall heat shrinkable tubing in cross-linked polyolefin, suitable for professional applications in electrical and electronics sectors, in particular for cable insulating, marking, and identification. EL 100 ensures an excellent flame resistance. Available in reel and box dispenser.



TECHNICAL DATA

Shrinking ratio: 2: 1.
Diameters available: from Ø 1,6 mm to Ø 101,6 mm.
Colours available: black.
Working temperature: -55°C ÷ 135°C.
Shrinking temperature: > 90°C.
Flammability rating: self-extinguishing UL 224 - VW1.
Longitudinal change: -5%; +5%.
Dielectric strength: > 20 kV/mm.

APPLICATIONS

Insulation, protection and identification cables and joints.

BENEFITS

High self-extinguishing.



LINKED PRODUCTS

Heat guns & accessories



HOT SHRINK TUBING

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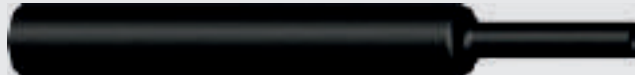
ELEMATIC



ET 301

ET 301 is a thin wall heat shrinkable tubing in cross-linked polyolefin, self-extinguishing, flexible and strong, with chemical resistance and good capacity of electrical insulation, suitable for general applications. Thanks to its high shrinking ratio, more applications can be covered with the same diameter. Its high expansion ratio is designed for use when wide ranging substrate diameters need to be covered.

Available in reel, dispenser box, 1 mtr. length.



TECHNICAL DATA

Shrinking ratio: 3: 1.
Diameters available: from Ø 1,5 mm to Ø 39 mm.
Colours available: black.
Working temperature: -55°C ÷ 135°C.
Shrinking temperature: > 90°C.
Flammability rating: self-extinguishing UL 224.
Longitudinal change: +1%; -10%.
Dielectric strength: > 20 kV/mm.

APPLICATIONS

Insulation, protection and identification cables and joints.

BENEFITS

High shrinking ratio.
Self-extinguishing.



LINKED PRODUCTS

Heat guns & accessories



HOT SHRINK TUBING

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ASSORTIBOX ET 100

with multifunctional gas tool



TECHNICAL DATA

Technical data tubing: see ET 100.

Ø Int. sleeves (mm): from 1,2/0,6 to 19,1/9,5.

Length sleeves (mm): 50/100/200.

Colours sleeves: black, transparent, blue, red, white, green/yellow.

Total: 406 pcs / 21.700 mm.

Working temperature: -55°C ÷ 135°C.

Shrinking temperature: > 90°C.

Flammability rating: self-extinguishing UL 224, 125°C (except transparent).

Longitudinal change: -5%; +5%.

Dielectric strength: > 20 kV/mm.

ASSORTIBOX ET 301

with multifunctional gas tool



TECHNICAL DATA

Technical data tubing: see ET 301.

Ø Int. sleeves (mm): from 1,5/0,5 to 24/8.

Length sleeves (mm): 40/80/120/170.

Colours sleeves: black, blue, red, white, green/yellow, brown.

Total: 170 pcs / 10.640 mm.

Working temperature: -55°C ÷ 135°C.

Shrinking temperature: > 90°C.

Flammability rating: self-extinguishing UL 224, 125°C.

Longitudinal change: +1%; -10%.

Dielectric strength: > 20 kV/mm.

HOT SHRINK TUBING

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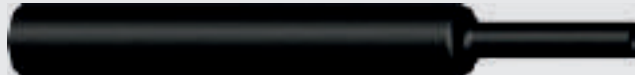
ELEMATIC



EL 301A WITH ADHESIVE

EL 301A is a flexible, heat shrinkable tubing in cross-linked polyolefin, with thermoplastic adhesive inside suitable for professional applications, such as insulation, identification and protection of wires and cables, in electric and electronic components. Its high shrinking ratio and its inner liner allow to seal and encapsulate the inner components, covering sections of different dimensions.

Available in dispenser box, 1 mtr. length (reel on request).



TECHNICAL DATA

Shrinking ratio: 3: 1.
Diameters available: from Ø 3 mm to Ø 24 mm.
Colours available: black.
Working temperature: -55°C ÷ 110°C.
Shrinking temperature: > 100°C.
Flammability rating: self-extinguishing (external wall).
Longitudinal change: +1%; -15%.
Dielectric strength: > 20 kV/mm.

APPLICATIONS

Insulation and protection cables and joints.

BENEFITS

Excellent insulating and waterproofing properties.



LINKED PRODUCTS

Heat guns & accessories



HOT SHRINK TUBING

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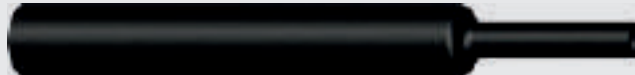
ELEMATIC



EL 401A WITH ADHESIVE

EL 401A is a flexible, heat shrinkable tubing in cross-linked polyolefin, with thermoplastic adhesive inside suitable for professional applications, such as insulation, identification and protection of wires and cables, in electric and electronic components. The high shrinking ratio and the thermoplastic adhesive inner liner allow to seal and encapsulate components, covering sections of different dimensions.

Available in 1 m cut length (reel on request).



TECHNICAL DATA

Shrinking ratio: 4: 1.
Diameters available: from Ø 4 mm to Ø 52 mm.
Colours available: black.
Working temperature: -55°C ÷ 110°C.
Shrinking temperature: > 100°C.
Flammability rating: self-extinguishing (external wall).
Longitudinal change: +1%; -15%.
Dielectric strength: > 20 kV/mm.

APPLICATIONS

Insulation and protection cables and joints.

BENEFITS

High shrinking ratio.
Excellent insulating and waterproofing properties.



LINKED PRODUCTS

Heat guns & accessories



HOT SHRINK TUBING

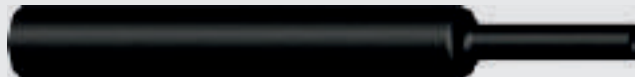
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ELEMATIC



EM 100A WITH ADHESIVE

EM 100A is a medium wall heat shrinkable tubing in cross-linked polyolefin, with internal thermoplastic adhesive, suitable for a wide range of applications, such as insulating and protecting cable joints and terminations. The inner liner provides good moisture sealing and weathering protection. Good strain and abrasion resistance. Available in plastic bag 1 mtr. length.



TECHNICAL DATA

Shrinking ratio: 3:1.
Diameters available: from Ø 12 mm to Ø 180 mm.
Colours available: black.
Working temperature: $-40^{\circ}\text{C} \div 120^{\circ}\text{C}$.
Shrinking temperature: $> 110^{\circ}\text{C}$.
Flammability rating: not self-extinguishing.
Longitudinal change: -10%.
Dielectric strength: $> 17 \text{ kV/mm}$.

APPLICATIONS

Insulation and protection cables and joints. Insulation and protection cables and joints also in underground laying.

BENEFITS

High mechanical resistance.
Excellent insulating and waterproofing properties.



LINKED PRODUCTS

Heat guns & accessories

