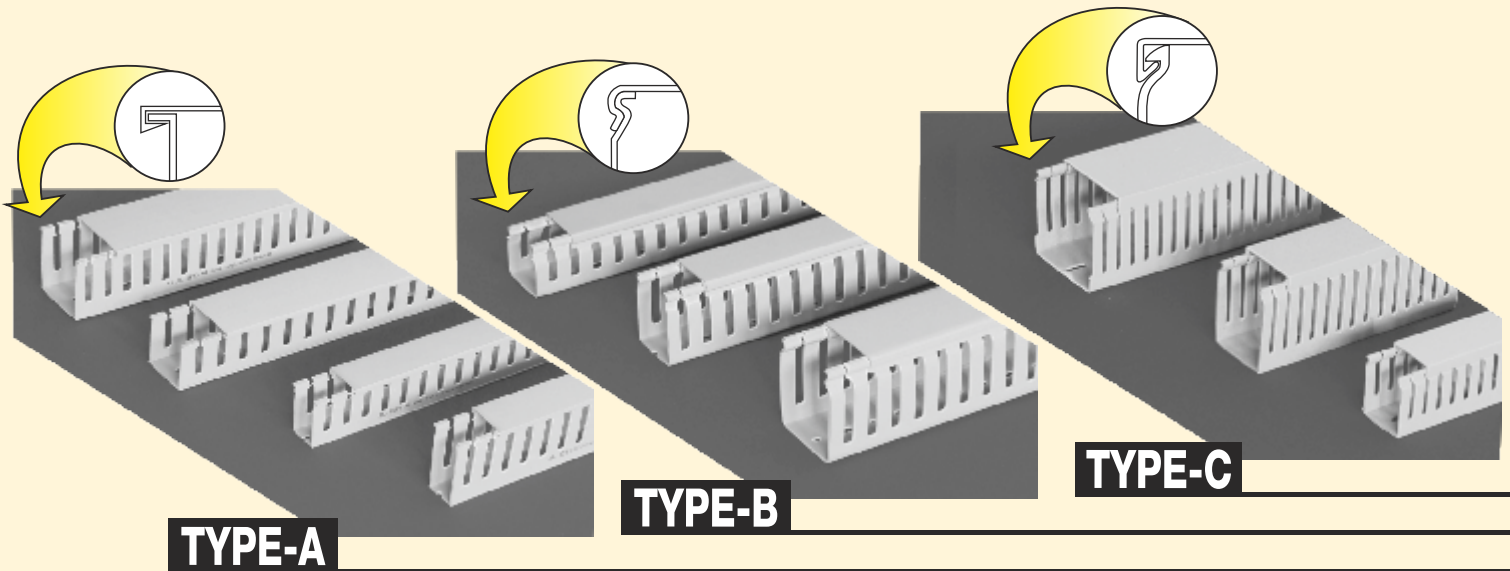


SFX



PVC WIRING CHANNELS (CABLE DUCTS)



We introduce ourselves as manufactures of THE **SFX** BRAND of high Quality PVC Channels.
We adhere to international standards in all processes of manufacturing, thus ensuring a product which meets the highest level of Quality & Safety.

Our salient features are :

- ❖ Made of Rigid Poly Vinyl Chloride (PVC) of high Tensile & Compressive Strength.
- ❖ Highly durable, will not Crack, Peel or Chip, also resistant to Oil, Fungus, Salt Solutions etc.
- ❖ Non Brittle, Non Inflammable and also Warp Proof.
- ❖ Fast & Efficient locking Guaranteed because of Specially Designed Duct & Cover.
- ❖ Slotting Patterns Prevents Wire from Popping up, While Removing Cover.
- ❖ Elongated Slots at the Bottom makes Flexible Mounting Possible.
- ❖ Special orders regarding Colours, Length or Modification of Existing range can be manufactured as per your Specification on requirement.

Please do call on us with your queries, it would give us immense pleasure to be of service to you.

A Whole New Dimension in Quality

Ultra Polymers

Survey No. 338/1-C, Nr. Patel Cricket Ground,
Kachigam, Daman 396 210. (UT) INDIA

TEL: +91-260-2240463-64 FAX: +91-260-2240465

E-MAIL: nishioplastic@yahoo.co.in • ultrapolymers@yahoo.co.in

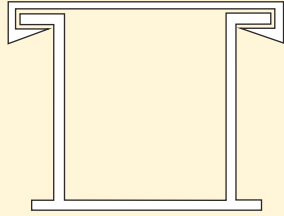
WEBSITE: www.sfx-products.com

Our Other Products -

- ▶ PVC TRUNKING
- ▶ PVC CONDUIT PIPES
- ▶ PVC HEAT SHRINKABLE BUS BAR SLEEVE
- ▶ BUS BAR (Copper & Aluminium)
- ▶ SHEET METAL ENCLOSURE SOLUTION FOR ALL INDUSTRY

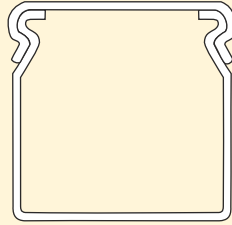


TYPE - A



WIDTH

TYPE - B

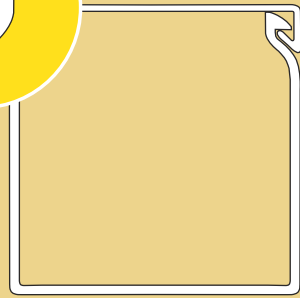


WIDTH

HEIGHT

| Sr. No. | Section Size Height X Width (mm ²) | Single Core Unsheathed Cable Cable Housing Capacity No of Wires | | |
|---------|--|---|--------------------------------|------------------------------|
| | | OD 2.95 mm 1.5 mm ² | OD 3.65 mm 2.5 mm ² | OD 4.35 mm 4 mm ² |
| 1 | 15 X 15 | 13 | 8 | 6 |
| 2 | 15 X 25 | 22 | 14 | 10 |
| 3 | 25 X 25 | 36 | 23 | 17 |
| 4 | 30 X 25 | 43 | 28 | 20 |
| 5 | 40 X 30 | 69 | 45 | 32 |
| 6 | 45 X 25 | 65 | 42 | 30 |
| 7 | 45 X 30 | 78 | 51 | 36 |
| 8 | 45 X 45 | 116 | 76 | 54 |
| 9 | 45 X 60 | 155 | 101 | 71 |
| 10 | 60 X 25 | 86 | 56 | 40 |
| 11 | 60 X 45 | 155 | 101 | 71 |
| 12 | 60 X 60 | 207 | 135 | 95 |
| 13 | 75 X 25 | 108 | 70 | 50 |
| 14 | 75 X 45 | 194 | 126 | 89 |
| 15 | 75 X 60 | 225 | 165 | 128 |
| 16 | 75 X 75 | 323 | 211 | 149 |
| 17 | 100 X 75 | 431 | 281 | 198 |
| 18 | 100 X 100 | 575 | 375 | 264 |

TYPE - C



WIDTH

HEIGHT

Standard Length : 1 mtr.
Standard Colour : Grey.

| Sl. No. | Channel with Cover W x H (mm) | Cable Housing Capacity (Nos) | | |
|---------|-------------------------------|--|--|--|
| | | 1.5 mm ² OD 3.18mm (16 AWG) | 2.5 mm ² OD 3.53mm (14 AWG) | 4.0 mm ² OD 4.01mm (12 AWG) |
| 1 | 25 x 25 | 19 | 15 | 12 |
| 2 | 25 x 30 | 37 | 30 | 23 |
| 3 | 25 x 40 | 48 | 39 | 31 |
| 4 | 25 x 60 | 72 | 57 | 45 |
| 5 | 25 x 80 | 92 | 75 | 59 |
| 6 | 25 x 100 | 126 | 105 | 81 |
| 7 | 40 x 40 | 81 | 65 | 51 |
| 8 | 40 x 60 | 121 | 98 | 77 |
| 9 | 40 x 80 | 160 | 130 | 102 |
| 10 | 40 x 100 | 200 | 164 | 128 |
| 11 | 60 x 60 | 180 | 146 | 114 |
| 12 | 60 x 80 | 246 | 199 | 156 |
| 13 | 60 x 100 | 308 | 247 | 194 |
| 14 | 80 x 60 | 251 | 203 | 159 |
| 15 | 80 x 80 | 337 | 272 | 214 |
| 16 | 80 x 100 | 416 | 332 | 248 |
| 17 | 100 x 80 | 425 | 344 | 270 |
| 18 | 100 x 100 | 531 | 429 | 336 |
| 19 | 150 x 100 | 805 | 653 | 512 |

New Development : FRLS Grade Channels in all Sizes

SPECIFICATIONS - POLYVINYL CHLORIDE (PVC)

Physical Properties Measured at 23°C

| | | | |
|----------------------|--|-------------------------------|-----------------------------|
| Specific Gravity | : 1.4 | Water Absorption | : 0.10% in 24 hrs. |
| Compressive Strength | : 540 kg/cm ² | Hardness | : 70 Duro D |
| Tensile Strength | : 390 kg/cm ² | Dielectric Constant | : 1.7 (60cps at 30°C) |
| Flexural Strength | : 727 kg/cm ² | Power Factor | : 2.52 (60 cps at 30°C) |
| Impact Resistance | : 3.6 cm kg/cm ² | Dielectric Strength | : 30 Kv/mm |
| Working Temperature | : 65°C and below | Burning Rate | : Self Extinguishing |
| Specific Heat | : 0.22 Cal/°C/gm | Modulus Elasticity in tension | : 19.800 kg/cm ² |
| Thermal Expansion | : 0.063 mm/m°C | | |
| Thermal Conductivity | : 4.0 Cal / secsq.cm/C°/cmx10 ⁴) | | |

(For Guidance Only)



SFX PVC TRUNKING (CABLE TRUNKING)

A Whole New Dimension in Quality

Available in both rectangular & square cross sections in four sizes.

Standard Length : 3 Meters
Material : High Impact Strength Rigid PVC
Colour : White
Thickness : 2.00 to 2.50mm



Typical specifications - Poly Vinyl Chloride Characteristics measured at - 23° C

| Particulars | Test Method | Value | Units |
|-------------------------------|-------------|--------|-------------------------------------|
| Specific Gravity | ASTM D 1784 | 1.4 | |
| Compressive Strength | ASTM D 695 | 540 | Kg/cm ² |
| Tensile Strength | ASTM D 638 | 390 | Kg/cm ² |
| Flexural Strength | ASTM D 790 | 727 | Kg/cm ² |
| Impact | - | 3.6 | cm Kg/cm ² |
| Thermal Conductivity | ASTM D 177 | 4.0 | Cal/Sec sq. Cm/° C/cm ¹⁰ |
| Working Temperature | - | 70 | °C |
| Specific Heat | - | 0.22 | Cal/° C/gm |
| Thermal Expansion | - | 0.063 | Mm/m °C |
| Burning Rate | ASTM D 635 | | Self Extinguishing |
| Modulus Elasticity in Tension | ASTM D 638 | 19,800 | Kg/cm ² |
| Water Absorption | ASTM D 570 | 0.10 | % in 24 hrs. |
| Hardness | ASTM D 2240 | 70 | Duro D |
| Dielectric Constant | ASTM D 150 | 1.7 | 60 cps at 30° C |
| Power Factor | ASTM D 150 | 2.52 | 60 cps at 30° C |
| Dielectric Strength | ASTM D 149 | 30 | Kv/mm |

Manufacture

Trunking

Appearance

The extruded components have a standard white finish. The moulding components are similar in appearance to the main body in standard white finish.

Fire

The material used is non-flame propagating and a Class 1 spread of flame achieved when tested in accordance with the requirements of BS 476 Part-7

Electrical

PVC used is non-conductive.

Dielectric Strength : 40 Kw/mm in TX Oil

Volume Resistivity : > 10 ohms at 50% RH and 23° C

Workability

Ducts for cable management can be readily cut and drilled with hand tools.

Strength

High Impact resistance under normal climatic conditions.

Charpy notched impact strength : 25 KJ/m²

Tensile Strength : At yield 34.62N/mm²

At Break 42.00 N/mm²

Density : 1.35 to 1.45

Durability

PVC material used for ducts is resistant to vermin and termites.

It is stable and will maintain its performance characteristics in accordance with the specifications described above.

Chemical Resistance

The material used is non-corrosive and not affected by sea water. It has excellent resistance to mineral acids, alkalis and detergents. It offers good resistance to alcohol but liable to attack from solvents such as ketones, aromatic and hydrocarbons.

Thermal Properties

PVC formulation used in ducts for cable management can withstand local thermal expansion and construction when installed in accordance with the installation guide.

Co-efficient of linear expansion :

5.5 x 10 per °C (6mm x 4000mm with a temperature of 25° C)

Operating Temperatures :-5°C to 60°C

Vicat Softening point : 81 C

Thermal Conductivity : 0.9w/m/°C

SFX

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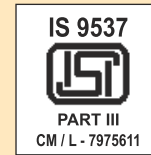
E-MAIL : nishiplastic@yahoo.co.in • ultrapolymers@yahoo.co.in

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- ▶ **PVC CONDUIT PIPES**
- ▶ **PVC HEAT SHRINKABLE BUS BAR SLEEVE**
- ▶ **BUS BAR (Copper & Aluminium)**
- ▶ **SHEET METAL ENCLOSURE SOLUTION FOR ALL INDUSTRY**

SFX



PVC CONDUIT PIPES

A Whole New Dimension in Quality



Our Company is manufacturing Various sizes of PVC Conduit pipes in Light Weight, Medium Weight and Heavy Weight from 16mm to 63mm OD size according to ISI norms that is used in Concealed Electrical Wiring.

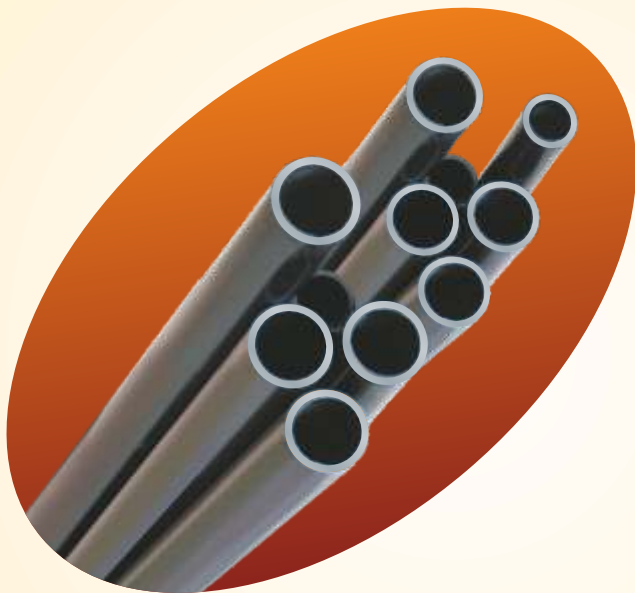
These conduits are precisely made by advance machinery, premium grade raw material and experienced experts.

We can also manufacture conduits in different Diameter, Length and Colour as per the requirements of clients,

Ultra Polymers

SFX

PVC CONDUIT PIPES



Product List

ROUND CONDUIT (LIGHT WEIGHT) in mm

| Product Code | Size Outer Dia | Tolerance on OD | Inside Dia. Min. | Standard Pack |
|--------------|----------------|-----------------|------------------|---------------|
| SFX 16L | 16 | -0.3 | 13.7 | 100 x 3m |
| SFX 20L | 20 | -0.3 | 17.4 | 100 x 3m |
| SFX 25L | 25 | -0.4 | 22.1 | 100 x 3m |
| SFX 32L | 32 | -0.4 | 28.6 | 50 x 3m |
| SFX 40L | 40 | -0.4 | 35.8 | 25 x 3m |
| SFX 50L | 50 | -0.5 | 45.1 | 20 x 3m |
| SFX 63L | 63 | -0.6 | 57.0 | 10 x 3m |

ROUND CONDUIT (MEDIUM WEIGHT) in mm

| Product Code | Size Outer Dia | Tolerance on OD | Inside Dia. Min. | Standard Pack |
|--------------|----------------|-----------------|------------------|---------------|
| SFX 16M | 16 | -0.3 | 13 | 100 x 3m |
| SFX 20M | 20 | -0.3 | 16.9 | 100 x 3m |
| SFX 25M | 25 | -0.4 | 21.4 | 100 x 3m |
| SFX 32M | 32 | -0.4 | 27.8 | 50 x 3m |
| SFX 40M | 40 | -0.4 | 35.4 | 25 x 3m |
| SFX 50M | 50 | -0.5 | 44.3 | 20 x 3m |

ROUND CONDUIT (HEAVY WEIGHT) in mm

| Product Code | Size Outer Dia | Tolerance on OD | Inside Dia. Min. | Standard Pack |
|--------------|----------------|-----------------|------------------|---------------|
| SFX 16H | 16 | -0.3 | 12.2 | 100 x 3m |
| SFX 20H | 20 | -0.3 | 15.8 | 100 x 3m |
| SFX 25H | 25 | -0.4 | 20.6 | 50 x 3m |
| SFX 32H | 32 | -0.4 | 26.6 | 50 x 3m |
| SFX 40H | 40 | -0.4 | 34.4 | 25 x 3m |
| SFX 50H | 50 | -0.5 | 43.2 | 20 x 3m |

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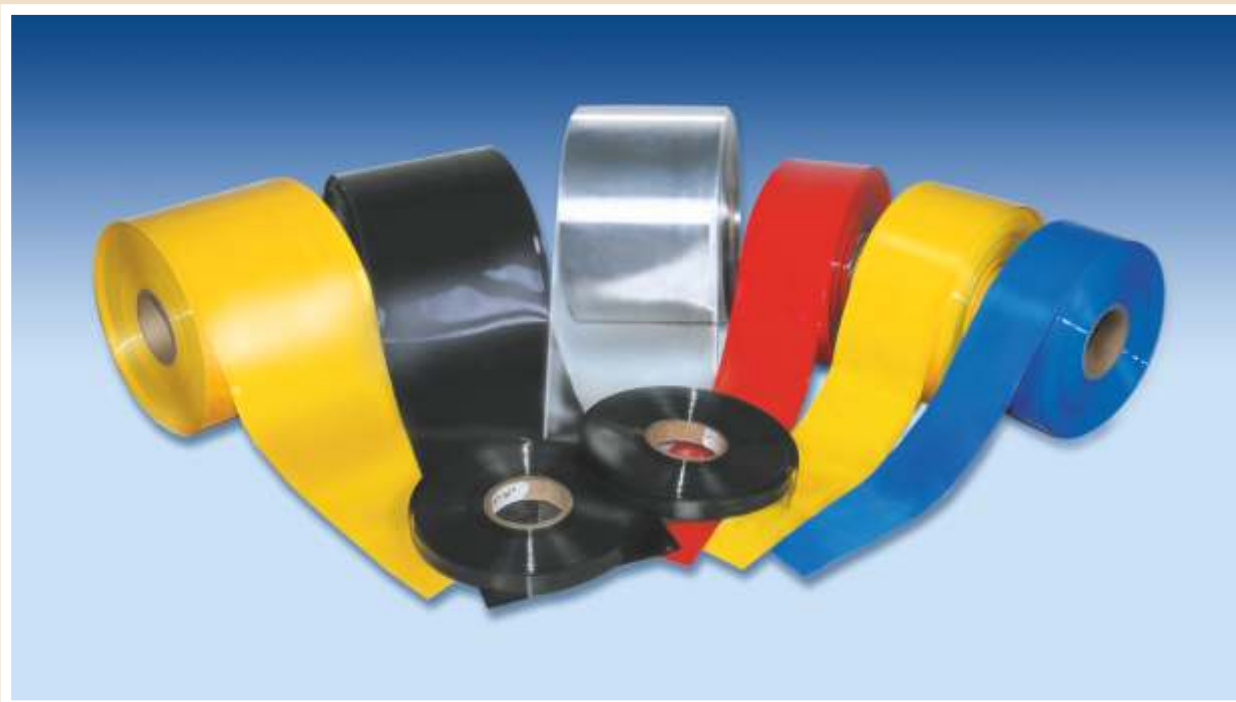
E-MAIL: nishiplastic@yahoo.co.in • ultrapolymers@yahoo.co.in

WEBSITE: www.sfx-products.com

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SFX



**PVC HEAT SHRINKABLE
LAY-FLAT TUBINGS**

PVC HEAT SHRINKABLE LAY-FLAT TUBING FOR BUS BARS

| Sr. No. | Size | Suitable for Bus Bars (Size in mm) |
|---------|--------|------------------------------------|
| 1 | 17 mm | 8x4, 6x6, 10x3 |
| 2 | 20 mm | 12x3, 9x6 |
| 3 | 25 mm | 15x3, 12x6 |
| 4 | 30 mm | 20x3, 16x6, 16x3 |
| 5 | 35 mm | 25x3, 20x6 |
| 6 | 41 mm | 26x6, 25x9 |
| 7 | 48 mm | 30x10, 30x6, 25x12 |
| 8 | 55 mm | 36x6, 30x12 |
| 9 | 61 mm | 40x10, 40x6, 38x12, 36x9 |
| 10 | 73 mm | 50x6 |
| 11 | 81 mm | 50x12, 50x10 |
| 12 | 85 mm | 60x6 |
| 13 | 93 mm | 75x6 |
| 14 | 103 mm | 75x12 |
| 15 | 110 mm | 90x2, 90x6 |
| 16 | 128 mm | 100x9, 100x6 |
| 17 | 140 mm | 100x12 |
| 18 | 170 mm | 125x10, 125x6 |
| 19 | 190 mm | 150x12, 150x10, 150x6 |
| 20 | 210 mm | 175x12, 175x10, 175x6 |
| 21 | 230 mm | 200x12 |

Bus Bar Application :

It provides perfect electrical insulation to be bus bars of low tension systems in control panels and switchgear systems.

Properties :

| | |
|-------------------------|--|
| - Working Temperature | - 90°C |
| - Dielectric Strength | - 20 Kv/mm |
| - Insulation Resistance | - 20 x 10 ¹⁰ ohms at 500 V DC |
| - Tensile Strength | - Min 400 kg/cm |
| - Ultimate Elongation | - Min 11% |
| - Chemical Resistance | - Good |
| - Fire Resistance | - Self Extinguishing |
| - Shrinking Temperature | - 150°C - 170°C for 4 - 5 minutes |
| - Mechanical Strength | - Excellent |
| - Heat Dissipation | - Excellent |

Thickness : 160 To 180 Micron
Colour : Red, Yellow, Blue, Black
Unit : 50 Meters Roll

Heat shrinkable sleeving method of providing insulation is the latest modern technology and is superior to conventional methods like taping, painting etc.

SFX

DYNAMIC PLASTICS

Survey No 338/1-C, First Floor, Near Patel Cricket Ground,
 Kachigam, Daman - 396 210. (U. T.) INDIA.
 Tel.: (0260) 2240463, 2240464 Fax : 2240465
 E-mail: nishiplastic@yahoo.co.in / ultrapolymers@yahoo.co.in
 Web Site : www.sfx-products.com

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- ▶ PVC CONDUIT PIPES
- ▶ BUS BAR (Copper & Aluminium)
- ▶ SHEET METAL ENCLOSURE SOLUTION FOR ALL INDUSTRY



BUS BAR

(Copper & Aluminium)



We adhere to international standards in all processes of manufacturing, thus ensuring a product which meets the highest level of Quality & Safety

Ultra Polymers (UNIT - II)

Survey No. 339/B, Near Patel Cricket Ground, Kachigam, Daman - 396 210 (U.T.) India.

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A Whole New Dimension in Quality

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Ultra Polymers
(Unit-I), Daman



Ultra Polymers (Unit-I), Daman



Ultra Polymers (Unit-III), Daman



Derac Components P. Ltd. - Pune

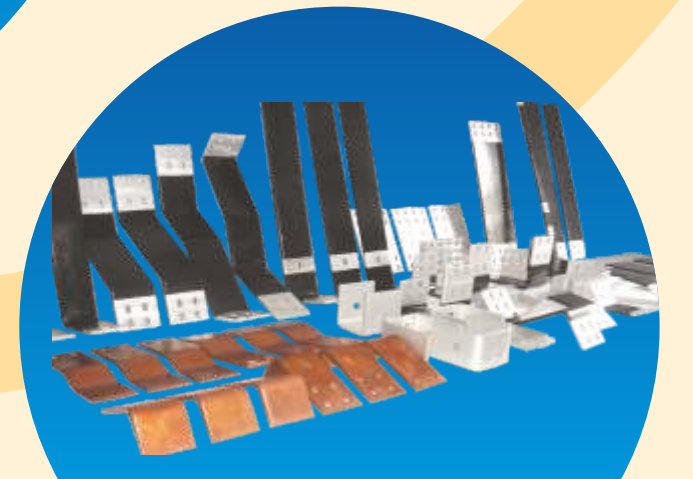
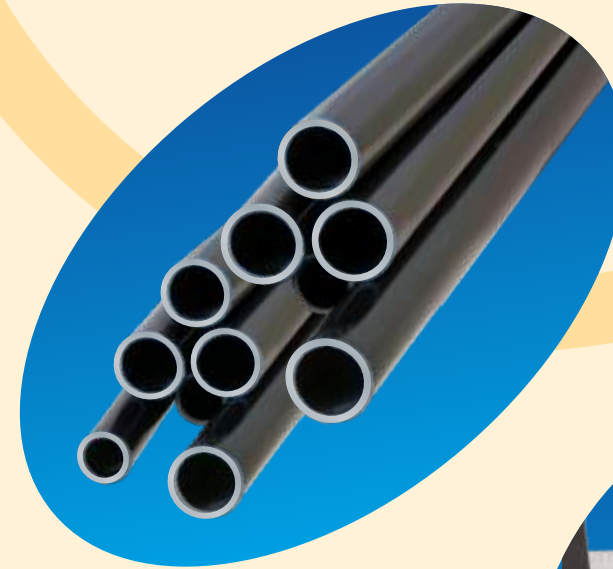
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PVC WIRING CHANNELS
PVC TRUNKING
PVC CONDUIT PIPES
PVC HEAT SHRINKABLE BUS BAR SLEEVE
BUS BAR (Copper & Aluminium)
SHEET METAL ENCLOSURE SOLUTION FOR ALL INDUSTRY



Ultra Polymers



GROUP OF COMPANIES

Ultra Polymers (Unit-I) PVC WIRING CHANNEL

Founded in the year 2000, Ultra Polymers has made an incredible mark for itself as a manufacturer of SFX Brand PVC Wiring Channels. Made from quality raw materials our products are known for their accuracy and reliability. We ensure that the raw materials are procured from trusted vendors and manufacturers. This results in our world class range comprising of all types of Wiring Channels.

Our Strengths : Some of the distinct factors that have contributed to our tremendous success are: Industry leading prices, Customization facility, Quality assurance, Cutting edge technology, Capacious warehouse, Suitable packing, Efficient distribution channels, Expedite delivery

Ultra Polymers (Unit II) BUS BAR

Started in the year 2007 to manufacture Copper And Aluminium Bus bar with our commitment to meet the specific requirements of our customers and thereby achieving total satisfaction, we have made a mark amongst our many customers. Our expertise to custom manufacture the products as per the reference material provided by the customers also help us to match up to the requirements of our clients.

Ultra Polymers (Unit III) PVC WIRING CHANNELS & CONDUIT PIPES

To meet ongoing demand for our SFX Brand PVC Channels, we have constructed 18000 Sq. Feet state of Art New factory with all Twin Screw Extrusion lines with online side punching facility which will give World class quality along with increase in manufacturing capacity by four times. We are also adding manufacturing facility for Conduit Pipes .

Dynamic Plastics - PVC HEAT SHRINKABLE SLEEVE

Started in 2002 to manufacture PVC Heat Shrinkable Sleeve and tubing for packaging industries.

DERAC COMPONENTS PVT. LTD. - An Enclosure Solution for IT and Telecom Industry

Located at Pune Ahmednagar Highway, our vast infrastructure comprises of a state-of-the-art production unit managed by a trained team. Our production unit encompasses a capacious shop floor that is replete with a modernized and completely computerized designing unit with Fully computerize AMADA Punching Press, LVD Bending Press, most sophisticated PLC Control Phosphatizing Plant, 186 Station Fully Automatic Powder Coating Plant . We also have a sophisticated fabrication unit and finishing department that are fitted with latest equipment for facilitating designing and fabrication work.