

# DUCTS & ACCESSORIES



**Duct PVC**

**Duct Steel**

**Duct Pre-Lubricated HDPE**

**Bend PVC**

**Duct Plug**

**End Cap**

**Duct Sealing Kit**

**Sub Duct Anchor Plug**

**PVC Cement**

**PVC Cleaner**

**Duct mandrel**

**Duct Brush**

**Duct Rod and Accessories**

**Cable Pulling Lubricant**

**Ropes**

## Duct Fittings & Accessories

### Duct Spacer



- Used to uniformly separate the 110mm ducts in the trench
- Manufactured from PP / PS chemically resistant & non-degradable
- Inter-connectable to adjacent spacer

Product Code	Description
SP 0001 A	Spacer, 4"1 way Base
SP 0002 A	Spacer, 4"2 way Base
SP 0003 A	Spacer, 4"2 way Intermediate
SP 0061 B	Spacer, 4"1 way Base locking type
SP 0062 B	Spacer, 4"1 way Intermediate locking type
SP 0076 A	Spacer, 2"3 way Base
SP 0077 A	Spacer, 2"3 way Intermediate

\*Any other Size available on request

### Bend, PVC



**Material:** PVC

Used to provide a directional change to the duct run

Product Code	Description – Size
BE 0024 A	Bend, 90° PVC x 1m (L) –Black
BE 0023 A	Bend, 45° PVC x 1m (L) –Black
BE 0031 A	Bend, 22.5° PVC x 1m(L)–Black

\*Any other Size/Length available on request

### Eye nut, Duct Plug



- Mechanical device expansion type, used to seal the 4" / 110mm duct from entry of water
- Easy installation & removal by hand, without use of hand tools
- Ducts inner diameter range 99mm to 109mm
- Materials used (PVC & EPDM Rubber) are chemically resistant & non-degradable
- Rope/Cord can be tied to the "Eye" provided on inner side

Product Code	Description
EY 0003 A	Eye nut, Duct Plug 102mm
EY 0007 A	Eye nut, Duct Plug 22-24mm

### Plug, Expansion Duct



**Plug, Expansion Duct** is a mechanical device used to seal the duct from the entry of water. It is able to install and remove by simple hand tool.

Product Code	Description
PL 0071 A	Plug, Expansion Duct 110mm

## Duct Fittings & Accessories

### Duct Sealing Kit



**Duct Sealing Kit** prevents water and other liquids from running out of a cable duct and entering a manhole or central office.

Product Code	Description
DU 0007 A	Duct Sealing Kit

### Duct, Pre-Lubricated



**Material:** HDPE

Permanently pre-lubricated duct for fibre optic cables

Product Code	Description – Size in mm
LU 0004 A	33(OD) x 26(ID) x 3(T) x 6m(L)
LU 0003 A	40(OD)x 33(ID) x 3.5(T) x 6m(L)

\*Any other Size/Length available on request

### End, Caps for Duct



End caps are used to close the sub duct and mini duct end.

End caps are made of suitably compounded rubber with a provision to attach the draw cord

Product Code	Description
CA 0959 A	End, Cap 32mm sub duct
CA 0960 A	End, Cap 40mm sub duct
CA 1268 A	End, Cap 50mm mini duct
CA 1300 A	End, Cap 25mm sub duct
CA 1301 A	End, Cap 20mm sub duct

### Duct PVC



**Material:** uPVC

PVC ducts are used for conduit constructions and will be laid in sand bed or encased in concrete at depths of approximately 0.5 - 2.0 m.

Product Code	Description – Size in mm
DU 0013 A	Duct PVC, 110(OD) x 3.2 (T) x 6m (L)
DU 0043 A	Sub Duct HDPE, 32(OD) x 2 (T)
DU 0044 A	Sub Duct HDPE, 50(OD) x 2 (T)

\*Any other Size available on request

### Duct Steel



**Material:** Seamless Galvanized Pipe

Used to protect underground telecommunication cables in applications such as bridges and the road crossings in the telecom network.

Product Code	Description – Size
DU 0014 A	110mm Ø x 6m (L)

\*Any other Size/Length available on request

## Duct Fittings & Accessories

### Duct Donut Spacer

#### DESCRIPTION

With the Duct Donut Spacer you can save time and effort. Your duct bank can be easily pre-assembled outside of the trench. You can also attain either 1" or 3" separation with the same spacer.

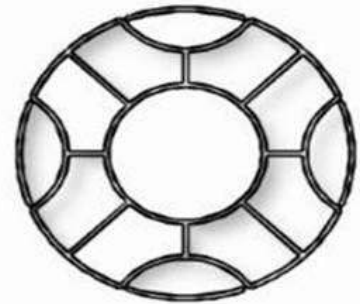
Up to one third less spacers required on many jobs -- don't over-order  
Do more work outside the ditch instead of down inside Just slide them on and you have proper duct spacing in every direction -- and from sides and bottom of trench

Place them anywhere along the run -- they don't have to be stacked -- this eliminates danger of shear plane in meeting seismic specifications

Easy flow of concrete thru spacers in the pour

Fits all types of conduit. Sizes for conduits 2, 3, 4, 5, 6 inches

Snap out feature allows conversion from 3" separation to 1 1/2" separation.



Product Code	Description
SP 0003 B	Duct donut Spacer



### Duct Spacer

#### DESCRIPTION

- \* Resistant to Extreme Temperature Fluctuations
- \* Constructed of High Impact Polymers
- \* Available in 16 Sizes & 18 Pre-Assembled Configurations

Hi-Impact Utility Duct Spacers have been the choice for contractors for nearly two decades; utilizing a proven two-piece design specifically engineered to support duct arrays within trenching prior to encasement, these sturdy, versatile and light-weight spacers will not shift under the weight of your workmen and stay firmly in place during fill.

Product Code	Description
SP 0003 D	Duct Spacer



### Utility Duct Spacer

#### DESCRIPTION

- \* Resistant to Extreme Temperature Fluctuations
- \* Constructed of High Impact Polymers
- \* Available in 16 Sizes & 18 Pre-Assembled Configurations
- \* Snap-Loc Design for Fast Field Assembly
- \* Virtually Indestructible
- \* Proven Design
- \* No Banding Required
- \* Ensures Accurate Duct Separation

Product Code	Description
SP 0003 C	Utility Duct Spacer

## Triplex Duct Plug



### DESCRIPTION

Triplex duct plugs are split plugs for sealing around, organizing, and supporting up to three sub ducts, pipes, or cables. The plugs are designed for use in round openings such as conduits, conduit fittings, and core-drilled wall penetrations. Effective long-term water-tight and air-tight seals, these products also prevent mud, backfill, and slurry from entering handholes, manholes, and buildings during the construction process.

### Triplex Duct Plugs Features

Split design for retrofitting without disassembly  
Anchor and organize sub ducts or multiple duct systems  
Eliminate duct-edge abrasion to cables  
Expandable gasket allows for expansion and contraction of cables or sub ducts without leakage  
Excellent for supporting cables at the tops of riser.

Product Code	Description
PL 0071 C	Triplex Duct Plug

## Tapered Plugs



### DESCRIPTION

- \* Available from 1/2" to 6"
- \* Tapered Slide Walls Ensure Tight Seal
- \* Ribbed Slide Walls Ensure Tight Seal
- \* Extended Base Lip for Easy Removal
- \* Maintains Shape in Extreme Environments

Product Code	Description
CA 1306 A	Tapered Plug 4" (110mm) -White

\* Any other size & colour available on request

## Blank duct Plugs



### DESCRIPTION

- \* High-impact plastic components, combined with durable elastic gaskets
- \* Corrosion proof and effective as long-term or temporary seals
- \* Water-tight and gas-tight
- \* Equipped with a rope tie device to allow the securing of pull rope to the plug's back compression plate
- \* Removable and reusable

Product Code	Description
PL 0104 A	Duct Inside Diameter Range 24-30mm
PL 0103 A	Duct Inside Diameter Range 38-46mm
PL 0105 A	Duct Inside Diameter Range 100-110mm

\* Any other size available on request

## Mini Tube Duct Plug & Square Duct Plugs



Product Code	Description
PL 0071 D	Mini tube Duct Plug
PL 0071 E	Square Duct Plugs

## Duct Fittings & Accessories

### Cable Pulling Lubricant



#### Directions

As cable or wire drawn into conduit, apply ClearGlide<sup>®</sup> Lubricant with hands, brush or pump

- The premier brand of wire lubricant for super fast pulls of electrical and telecommunications cables.
- Compatible with all Cable Jackets including low-density polyethylene per ASTM D – 1693
- Lubricant is stable upto 180° F
- Freezes at 30° F
- When it dries, it becomes a semi- fluid that won't clog conduit
- Non-Corrosive, Non-toxic and Non-flammable
- Environmentally safe
- Cleans up fast with soap and water
- Application by hand, brush or pump

Product Code	Description
LU 0015 B	Lubricant, Cable Pulling 5 Gallon

### Cleaner, PVC



Product Code	Description
CL 0113 A	Cleaner, PVC 1Kg/can

### Ropes



**Ropes are** made of Ultra Violet Polypropylene (PP) and High Density Polyethylene (HDPE) are available in following sizes.

Used for pulling cables & other industrial applications

Product Code	Description
RO 0120 A	Rope, Twisted 2mm x 1000m(L)
RO 0121 A	Rope, Twisted 3mm x 1000m(L)
RO 0124 A	Rope, Twisted 4mm x 500m(L)
RO 0123 A	Rope, Twisted 6mm x 1000m(L)
RO 0116 A	Rope, Twisted 8mm x 300m(L)
RO 0118 A	Rope, Twisted 10mm x 500m(L)

Also available untwisted rope

\* Any other sizes and length available on request.

### Cement, PVC



Cement, PVC is solvent cement used for joining PVC ducts (bell and spigot ends) and fittings

Product Code	Description
CE 0002 A	Cement, PVC 0.5Kg/can
CE 0003 A	Cement, PVC 1Kg/can

### Duct Rod



#### Duct Rod or Conduit Rod

A high quality rod, designed for heavy-duty applications. It gets its extra strength from a unique construction process that ensures greater rigidity and strength, enabling it to endure the additional force required for long duct runs with multiple bends and sweeps. A braided wrap of reinforcing fibers increases its rigidity and helps bond the core with the outer plastic coating. The coating is made from a polymer blend for greater toughness and superior abrasion resistance to ensure extra long life. Includes one male and one female end fitting, and a tapered head.

It is an ideal and fast way of installing draw ropes and winch ropes into ducts, ready for cable pulling operations.

Duct rod comes complete on a mobile frame.

Product Code	Description
DU 0004 C	Duct Rod 11mm x 150m(L)
DU 0005 C	Duct Rod 11mm x 300m(L)

\* Any other sizes and length available on request.

### Duct Rod Rigid PVC



Duct rod rigid PVC available in two and three meter lengths. The joint is commonly known as the ferret type which operates on the principles of a spring loaded pin engaging into a matting hole. When the joints are screwed together the trigger which is flush with the body of the joint is pressed for quick release.

Product Code	Description
DU 0002 A	Duct Rod Rigid PVC 24mm x 2m
DU 0003 A	Duct Rod Rigid PVC 24mm x 3m

### Sub Duct Anchor Plug (Open Type) Quadplex



Removable and reusable duct seal holds inner duct securely and prevents migration. Easy installation requires no foam or chemicals.

Product Code	Description
SU 0011 A	Sub Duct Anchor Plug 4 holes x 32mm x 110mm

\* Any other sizes available on request.

### Sub Duct Anchor Plug



Sub Duct Anchor designed to seal end of the PVC ducts. Expansion of the anchor is achieved by pressing the rubber between metallic washers.

Product Code	Description – Size in mm
SU 0001 A	Sub Duct Anchor Plug 3 x 40 x 110 mm
SU 0003 A	Sub Duct Anchor Plug 4 x 40 x 110 mm

\*Any other Sizes available on request

## Duct Fittings & Accessories

### Duct Mandrel



Heavy duty with pulling eyes on each end for removing obstructions from the duct. Body made of mild steel

Product Code	Description
MA 0012 A	Mandrel, Duct Steel 95mm - HDG
MA 0015 A	Mandrel, Duct Steel 90mm - HDG

\*Any other Sizes available on request

### Wire Brush Mandrel

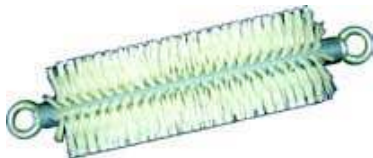


Plastic bristles with a pulling eye on each end. Easily removes sand, grit and other light obstructions from the duct of 4" / 110mm

Product Code	Description – Size in mm
BR 0020 A	Brush, Plastic Bristles 95mm OD

\*Any other Sizes available on request

### Heavy Duty Wire Brush Mandrel



Heavy duty with pulling eyes on each end for removing obstructions from the duct of 4" / 110mm

Product Code	Description
BR 0021 A	Brush, Wire Mandrel Heavy Duty 95mm OD

\*Any other Sizes available on request

### Nylon Mandrel



With pulling eyes on each end for testing obstructions from the duct. Body made of Nylon

Product Code	Description
MA 0063 A	Mandrel, Duct Nylon-Ball Type 90mm-HDG
MA 0064 A	Mandrel, Duct Nylon-Cylindrical Type 90mm-HDG

\*Any other Sizes available on request

### Corrugated Duct (Fire Resistant)



Corrugated duct is manufactured from High Density Polyethylene (HDPE) and is intended to be placed inside of existing innerduct. It is ideal for pulls under 1000ft. and is designed to reduce surface contact when pulling cable. This lightweight product offers maximum flexibility, and allows for installation in small or restricted areas.

Corrugated duct is available in 1", 1 1/4", 1 1/2" & 2" The standard color is orange. Slit Duct also available.

Product Code	Description
DU 0023 A	1" X 50M- with slit
DU 0023 B	1" X 50M- without slit
DU 0024 A	1.25" X 50M- with slit
DU 0029 A	1.25" X 50M without slit
DU 0025 A	1.5" X 50M- with slit
DU 0026 A	2" X 50M- with slit
DU 0026 B	2" X 50M- without slit

\* Any other size & color available on request