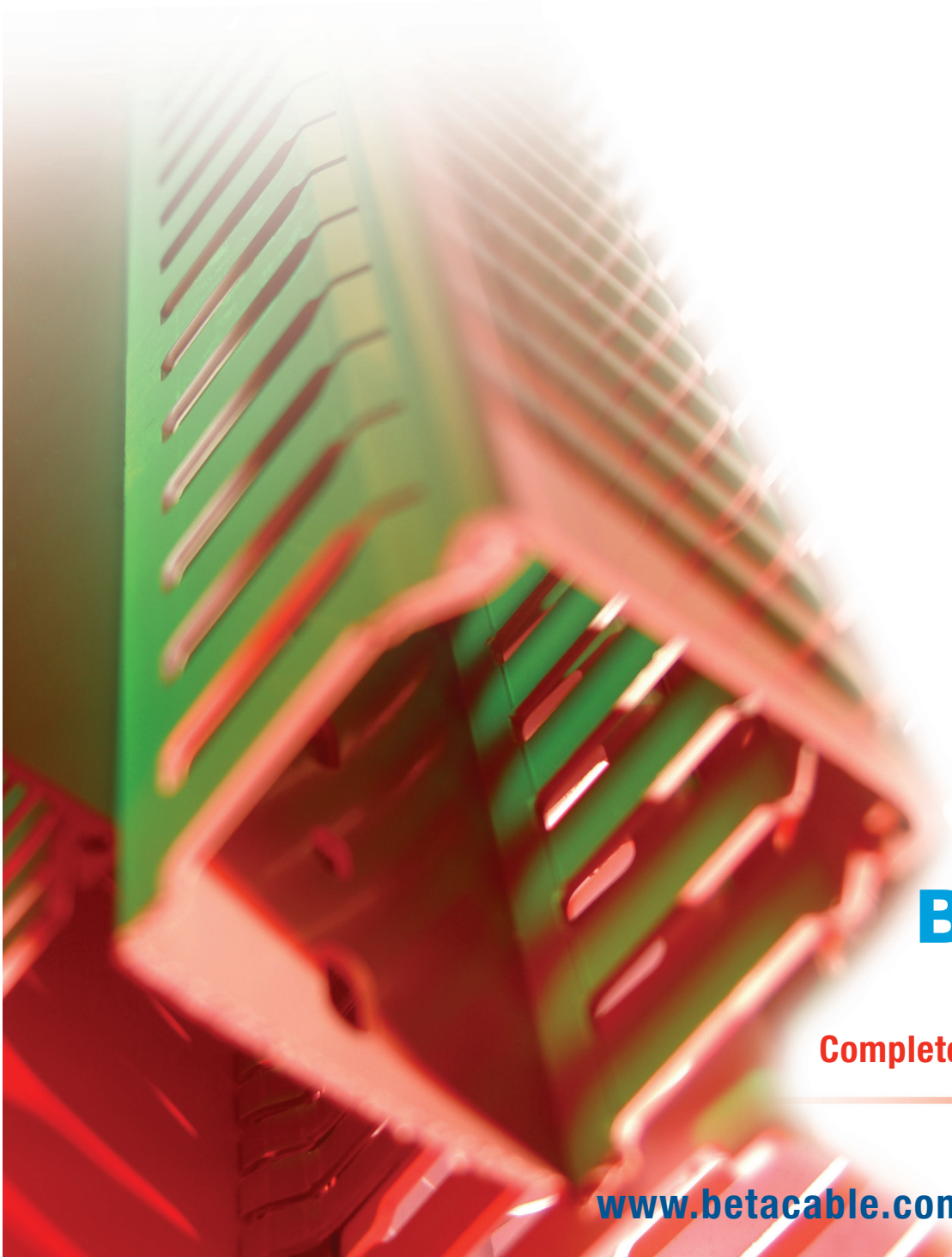
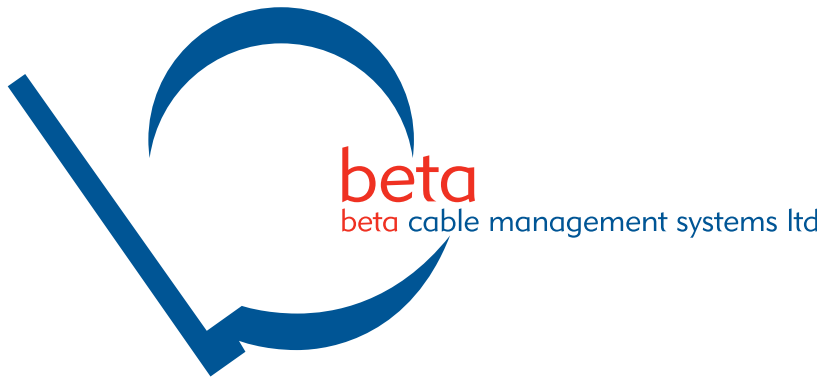




**BETADUCT**  
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**Complete Wiring Duct Solutions**

[www.betacable.com](http://www.betacable.com)



# BETA is the name in cable management

The Beta brand portfolio was established in order to supply niche industrial markets with high performance product where high levels of safety and quality are demanded. The resulting product range meets all industry standards including UL, CSA and Lloyds accreditation. Beta products are widely used in the Rail, Automotive, Marine and Power Generation industries. The range also includes products with a Low Fire Hazard (LFH) rating. Rolls-Royce and London Underground LTD specify and use Betaduct in Noryl LFH material. Betaduct is used in the manufacture of electrical control panels for use in Naval Warships & Submarines and is the only product accepted by Rolls-Royce for these applications.

## Product Features

The panel building market has very specific needs, Betaduct is a quality cable management system developed for use within cabinets and control panels. Select: Open, Narrow, Closed Slot or Solid Wall depending on the application. Available in a range of sizes and colours, manufactured in standard PVC or Noryl LFH.

In addition to the clear edge that Beta products have over their competition, the company is committed to an ongoing research and product development programme. Beta Cable Management Systems provide the most comprehensive range of cable management systems in the UK to both the OEM and retro fit market. Whether you need to route, protect, bundle or separate, Beta can provide the appropriate solution that conforms to the most exacting specification. All of the Beta product range is freely available through a network of well established distributors both in the UK and Worldwide.

Beta Cable Management Systems products can be found in submarines, ships, power generation equipment, industrial control panels, railway signaling and computerised vehicle control including Air Traffic Control systems and many other applications.

Beta cable products are fully RoHS compliant and are manufactured in Great Britain to the highest of standards. Betaduct is specified by all the major transport and defence agencies in the UK and is exported all over the World wherever exacting quality and high performance standards are called for.

The unique Low Fire Hazard rating that Betaduct Noryl boasts is unmatched by any other ducting manufacturer.



### Type Approval Certificate Extension

This is to certify that Certificate No. 95/00075(2) for the underlined products is extended and renewed as shown.

**PRODUCER** Beta Cable Management Systems Ltd, Green Lane, Shepperton, Middlesex, Uxbridge, United Kingdom (UK).  
**PLACE OF PRODUCTION** Revereplast Plastics Ltd, Green Lane, Shepperton, Middlesex, Uxbridge, United Kingdom (UK).  
**DESCRIPTION** Plastic, closed slot and open/closure slot Betaduct products, available in various colours of PVC and NORYL.  
**TYPE** Order only (specification as notified in Publication Reference Revereplast Marketing Department REF0011).  
**APPLICATION** Marine, offshore and industrial applications.

**DESIGN CODE** Manufacturer's specification.  
\*This Certificate is not valid for assignment, design, testing or marketing purposes of other Beta type tested from the specimen tested. The manufacturer should notify Lloyd's Register (EMSA) of any modification or design to the equipment in order to obtain a valid certificate.

The attached Design Approval Document No. 95/00075(2) and its supplementary Type Approval Terms and Conditions form part of this Certificate.  
All other details remain in the previous Certificate No. 95/00075(2) to which this extension should be attached.

**Certificate No.** 95/00075(2)  
**Issue Date** 21 January 2005  
**Expiry Date** 20 May 2008  
**Sheet** 1 of 1

Lloyd's Register (EMSA)  
77 Fenchurch Street, London EC3M 4BS  
\*This Register is a member of the European Union and has been granted the status of a 'body of public law' under the provisions of the European Union Directive 90/269/EEC. The Register is authorised to issue and maintain certificates of approval for the products and services covered by the Directive. The Register is also authorised to issue and maintain certificates of approval for the products and services covered by the Directive. The Register is also authorised to issue and maintain certificates of approval for the products and services covered by the Directive.

### Lid retention

Friction bead on wider trunking provides excellent lid retention to combat vibration.

### Cable retention

Wiring duct design allows cables to be retained during installation, making routing and cable termination a simple process.

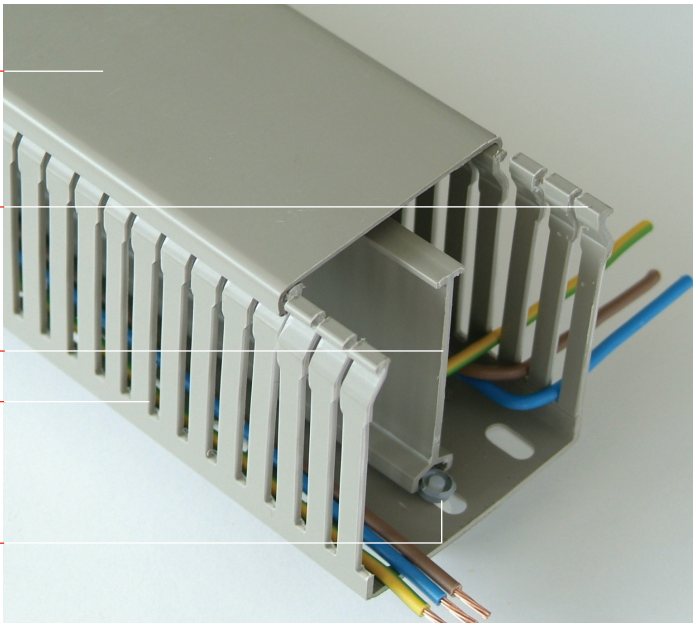
### Divider

### Break Out

Fingers can easily be removed without the use of cutting tools.

### Easy Installation

Base slots are to DIN 43659 providing maximum flexibility for easy installation.



### Size Range

- Wide range of sizes to cater for a broad spectrum of requirements.
- New Larger sizes with narrower profiles to reduce panel footprint.

### Materials

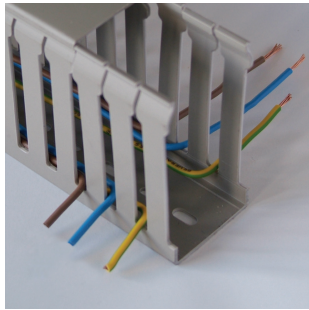
- The standard range is manufactured using self extinguishing PVC to RoHS Standards.
- Where human life is at risk, Noryl LFH Betaduct is available.
- Beta Cable is constantly reviewing material content to ensure optimum performance.

### Colours

- Grey White and Black are standard.
- Blue is available for intrinsically safe wiring applications.
- Other colours are available subject to minimum quantities; please contact our sales office for a quotation.

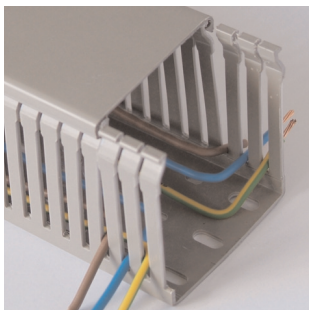
### Accessories

- Riveters and rivets are designed for quick installation.
- Dividers allow channels to separate wiring within one trunking run.
- Installation washers provide location for dividers, secured by screws into wiring duct base.
- Side cutters allow a clean professional removal of Betaduct slotted sides.
- Additional lids available as required.



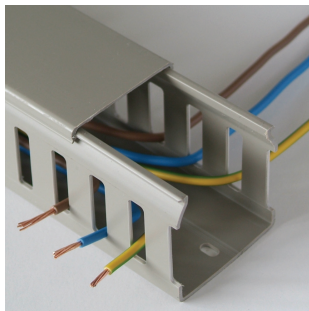
### Open slot

- Wide fingers give additional cable support
- Terminated wires can be re-routed easily
- 20mm slot pitch
- 8mm slot width
- 23 sizes available in grey, white, black or blue
- UL, CSA and Lloyds Register approved.
- RoHS compliant



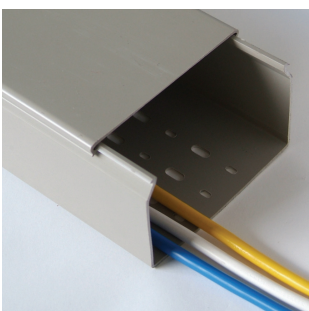
### Narrow Slot

- Ideal for use with slimmer terminal blocks where more access is required
- Improves appearance of panels with cables out in best position
- 10mm slot pitch
- 4mm slot width
- 20 sizes available in grey, white or black
- UL, CSA and Lloyds Register approved
- RoHS compliant



### Closed Slot

- Excellent cable retention
- Enhanced protection for installers
- 20mm slot pitch
- 8mm slot width
- 25 sizes available in grey, white or black.
- UL, CSA and Lloyds Register approved.
- RoHS compliant



### Solid Wall

- Ideal where no break-outs are required or side wall access is infrequent
- Complete cable protection
- 25 sizes in either grey, white or black
- UL, CSA and Lloyds Register approved.
- RoHS compliant

## Standard Wiring Duct

Betaduct PVC provides a lightweight self extinguishing wiring duct with excellent rigidity and performance characteristics.

## Betaduct LFM Noryl “High performance in harsh environments”

Toxic fumes and smoke generated from plastics in fire situations are a real danger to life. The increased awareness of this threat has led to a corresponding demand for ‘Low Fire Hazard’ products. The Noryl Betaduct range is free from toxic halogens, has excellent low smoke characteristics and high operating temperatures. Noryl Betaduct is recommended for areas where human life or electronic components are at risk.

Betaduct Noryl is approved and specified by London Underground, Rolls Royce and most rail industry manufacturers.



## Slotted & Solid Wall

- Choice of Open Slot, Closed Slot or Solid Wall
- 19mm slot pitch
- 8mm slot width
- Zero Halogen
- Low smoke
- Wide range of sizes
- Available in black
- UL, CSA and Lloyds Register approved.
- RoHS compliant

## Open Slot

### Supplied with lid

| nominal size<br>w x h (mm) | external dimensions |             | part no. selection |           |           |          | carton quantity        |              |
|----------------------------|---------------------|-------------|--------------------|-----------|-----------|----------|------------------------|--------------|
|                            | width (mm)          | height (mm) | grey RAL 7030PVC   | white PVC | black PVC | blue PVC | no. of lengths 2m each | total metres |
| 19 x 50                    | 25                  | 53          | 10450018           | 23610110  | 09800000  | -        | 12                     | 24           |
| 25 x 37.5                  | 29                  | 41          | 10450022           | 23610400  | 09810000  | -        | 12                     | 24           |
| 25 x 50                    | 29                  | 54          | 10450023           | 23610500  | 09130000  | 09136000 | 12                     | 24           |
| 25 x 75                    | 29                  | 79          | 10450024           | 23610600  | 09140000  | 09146000 | 8                      | 16           |
| 25 x 100                   | 30                  | 105         | 10450025           | 23610700  | 09830000  | 09836000 | 8                      | 16           |
| 37.5x37.5                  | 41                  | 41          | 10450032           | 23610900  | 09840000  | -        | 12                     | 24           |
| 37.5 x 50                  | 41                  | 54          | 10450033           | 23610900  | 09850000  | 09856000 | 8                      | 16           |
| 37.5 x 75                  | 39                  | 79          | 10450034           | 23611100  | 09860000  | 09866000 | 8                      | 16           |
| 37.5x100                   | 43                  | 105         | 10450035           | 23611200  | 09870000  | 09876000 | 8                      | 16           |
| 50 x 25                    | 54                  | 28          | 10450051           | 23611300  | 09880000  | -        | 12                     | 24           |
| 50 x 37.5                  | 54                  | 41          | 10450052           | 23611400  | 09890000  | -        | 8                      | 16           |
| 50 x 50                    | 54                  | 54          | 10450053           | 23611500  | 09160000  | 09166000 | 8                      | 16           |
| 50 x 75                    | 55                  | 79          | 10450054           | 23611600  | 09170000  | 09176000 | 8                      | 16           |
| 50 x 100                   | 56                  | 105         | 10450055           | 23611700  | 09920000  | -        | 4                      | 8            |
| 75 x 37.5                  | 80                  | 41          | 10450072           | 23611800  | 09930000  | -        | 8                      | 16           |
| 75 x 50                    | 78                  | 54          | 10450073           | 23611900  | 09940000  | -        | 8                      | 16           |
| 75 x 75                    | 80                  | 80          | 10450074           | 23612000  | 09190000  | 09196000 | 8                      | 16           |
| 75 x 100                   | 80                  | 105         | 10450075           | 23612100  | 09960000  | 09966000 | 4                      | 8            |
| 100 x 50                   | 107                 | 54          | 10450103           | 23612400  | 09980000  | -        | 4                      | 8            |
| 100 x 75                   | 107                 | 80          | 10450104           | 23612500  | 09990000  | 09996000 | 4                      | 8            |
| 100x100                    | 107                 | 104         | 10450105           | 23612600  | 10000000  | 10006000 | 4                      | 8            |
| 100x125                    | 107                 | 130         | 10450106           | 23613000  | 10010000  | -        | 4                      | 8            |
| 125 x 75                   | 131                 | 78          | 10450124           | 23612900  | 09410000  | -        | 4                      | 8            |

\*Other sizes may be available upon request, please contact the sale office for minimum quantities and lead times.

#### MATERIALS

Self extinguishing PVC

#### SERVICE TEMPERATURE

-15°C to + 60°C(+5°F to +140°F)

#### STANDARDS

Base slots to DIN 43659

#### STANDARD COLOURS

Grey RAL 7030, white black blue

#### FLAMIBILITY

UL94 V-0 rated material

#### APPROVALS

UL & Lloyds Register

#### RoHS COMPLIANT

These are non-stock items and may require minimum order quantities. Please contact our sales office for availability and price.

## Narrow Slot

### Supplied with lid

| nominal size  | external dimensions |                | part no. selection  |           |           | carton quantity           |              |
|---------------|---------------------|----------------|---------------------|-----------|-----------|---------------------------|--------------|
| w x h<br>(mm) | width<br>(mm)       | height<br>(mm) | grey RAL<br>7030PVC | white PVC | black PVC | no. of lengths<br>2m each | total metres |
| 19 x 50       | 25                  | 53             | 10470018            | 23630110  | 10490018  | 12                        | 24           |
| 25 x 37.5     | 29                  | 41             | 10470022            | 23630400  | 10490022  | 12                        | 24           |
| 25 x 50       | 29                  | 54             | 10470023            | 23630500  | 10490023  | 12                        | 24           |
| 25 x 75       | 29                  | 79             | 10470024            | 23630600  | 10490024  | 8                         | 16           |
| 25 x 100      | 30                  | 105            | 10470025            | 23630700  | 10490025  | 8                         | 16           |
| 37.5 x 37.5   | 41                  | 41             | 10470032            | 23630900  | 10490032  | 12                        | 24           |
| 37.5 x 50     | 41                  | 54             | 10470033            | 23630900  | 10490033  | 8                         | 16           |
| 37.5 x 75     | 41                  | 79             | 10470034            | 23631100  | 10490034  | 8                         | 16           |
| 37.5 x 100    | 43                  | 105            | 10470035            | 23631200  | 10490035  | 8                         | 16           |
| 50 x 37.5     | 56                  | 41             | 10470052            | 23631300  | 10490052  | 8                         | 16           |
| 50 x 50       | 54                  | 54             | 10470053            | 23631400  | 10490053  | 8                         | 16           |
| 50 x 75       | 55                  | 79             | 10470054            | 23631600  | 10490054  | 8                         | 16           |
| 50 x 100      | 56                  | 105            | 10470055            | 23631700  | 10490055  | 4                         | 8            |
| 75 x 50       | 78                  | 54             | 10470073            | 23631900  | 10490073  | 8                         | 16           |
| 75 x 75       | 80                  | 80             | 10470074            | 23632000  | 10490074  | 8                         | 16           |
| 100 x 50      | 107                 | 54             | 10470103            | 23632400  | 10490103  | 4                         | 8            |
| 100 x 75      | 107                 | 80             | 10470104            | 23632500  | 10490104  | 4                         | 8            |
| 100 x 100     | 107                 | 104            | 10470105            | 23632600  | 10490105  | 4                         | 8            |

\*Other sizes may be available upon request, please contact the sale office for minimum quantities and lead times.

#### MATERIALS

Self extinguishing PVC

#### SERVICE TEMPERATURE

-15°C to + 60°C(+5°F to +140°F)

#### STANDARDS

Base slots to DIN 43659

#### STANDARD COLOURS

Grey RAL 7030, white & black

#### FLAMIBILITY

UL94 V-0 rated material

#### APPROVALS

UL & Lloyds Register

#### RoHS COMPLIANT

These are non-stock items and may require minimum order quantities. Please contact our sales office for availability and price.

## Closed Slot

### Supplied with lid

| nominal size  | external dimensions |                | part no. selection  |           |           | carton quantity           |              |
|---------------|---------------------|----------------|---------------------|-----------|-----------|---------------------------|--------------|
| w x h<br>(mm) | width<br>(mm)       | height<br>(mm) | grey RAL<br>7030PVC | white PVC | black PVC | no. of lengths<br>2m each | total metres |
| 15 x 15       | 17                  | 17             | 10460011            | 23600100  | 09000000  | 24                        | 48           |
| 19 x 50       | 25                  | 53             | 10460018            | 23600110  | 09500000  | 12                        | 24           |
| 25 x 20       | 29                  | 23             | 10460021            | 23600200  | 09010000  | 12                        | 24           |
| 25 x 37.5     | 29                  | 41             | 10460022            | 23600400  | 09510000  | 12                        | 24           |
| 25 x 50       | 29                  | 54             | 10460023            | 23600500  | 09030000  | 12                        | 24           |
| 25 x 75       | 29                  | 79             | 10460024            | 23600600  | 09040000  | 8                         | 16           |
| 25 x 100      | 30                  | 105            | 10460025            | 23600700  | 09530000  | 8                         | 16           |
| 37.5 x 37.5   | 41                  | 41             | 10460032            | -         | 09540000  | 12                        | 24           |
| 37.5 x 50     | 41                  | 54             | 10460033            | 23601000  | 09550000  | 8                         | 16           |
| 37.5 x 75     | 41                  | 79             | 10460034            | 23601100  | 09560000  | 8                         | 16           |
| 50 x 25       | 54                  | 28             | 10460051            | 23601300  | 09380000  | 12                        | 24           |
| 50 x 37.5     | 54                  | 41             | 10460052            | 23601400  | 09590000  | 8                         | 16           |
| 50 x 50       | 54                  | 54             | 10460053            | 23601500  | 09060000  | 8                         | 16           |
| 50 x 75       | 55                  | 79             | 10460054            | 23601600  | 09070000  | 8                         | 16           |
| 50 x 100      | 56                  | 105            | 10460055            | 23601700  | 09620000  | 4                         | 8            |
| 75 x 37.5     | 80                  | 41             | 10460072            | 23601800  | 09630000  | 8                         | 16           |
| 75 x 50       | 78                  | 54             | 10460073            | 23601900  | 09640000  | 8                         | 16           |
| 75 x 75       | 80                  | 80             | 10460074            | 23602000  | 09090000  | 8                         | 16           |
| 75 x 100      | 80                  | 105            | 10460075            | 23602100  | 09660000  | 4                         | 8            |
| 100 x 50      | 107                 | 54             | 10460103            | 23602400  | 09680000  | 4                         | 8            |
| 100 x 75      | 107                 | 80             | 10460104            | 23602500  | 09690000  | 4                         | 8            |
| 100 x 100     | 107                 | 104            | 10460105            | 23602600  | 09700000  | 4                         | 8            |
| 100 x 125     | 107                 | 130            | 10460106            | -         | 09710000  | 4                         | 8            |
| 125 x 75      | 131                 | 78             | 10460124            | 23602900  | 09400000  | 4                         | 8            |

\*Other sizes may be available upon request, please contact the sale office for minimum quantities and lead times.

#### MATERIALS

Self extinguishing PVC

#### SERVICE TEMPERATURE

-15°C to + 60°C(+5°F to +140°F)

#### STANDARDS

Base slots to DIN 43659

#### STANDARD COLOURS

Grey RAL 7030, white & black

#### FLAMIBILITY

UL94 V-O rated material

#### APPROVALS

UL & Lloyds Register

#### RoHS COMPLIANT

These are non-stock items and may require minimum order quantities. Please contact our sales office for availability and price.

## Solid Wall

### Supplied with lid

| nominal size  | external dimensions |                | part no. selection  |           |           | carton quantity           |              |
|---------------|---------------------|----------------|---------------------|-----------|-----------|---------------------------|--------------|
| w x h<br>(mm) | width<br>(mm)       | height<br>(mm) | grey RAL<br>7030PVC | white PVC | black PVC | no. of lengths<br>2m each | total metres |
| 15 x 15       | 17                  | 17             | 10480011            | 23620100  | 09200000  | 24                        | 48           |
| 25 x 20       | 29                  | 23             | 10480021            | 23620200  | 09210000  | 12                        | 24           |
| 25 x 37.5     | 29                  | 41             | 10480022            | 23620400  | 10110000  | 12                        | 24           |
| 25 x 50       | 29                  | 54             | 10480023            | 23620500  | -         | 12                        | 24           |
| 25 x 75       | 29                  | 79             | 10480024            | 23620600  | -         | 8                         | 16           |
| 37.5 x 37.5   | 41                  | 41             | 10480032            | 23620900  | 10140000  | 12                        | 24           |
| 37.5 x 50     | 41                  | 54             | 10480033            | 23621000  | 10150000  | 8                         | 16           |
| 37.5 x 75     | 41                  | 79             | 10480034            | 23621100  | 10160000  | 8                         | 16           |
| 37.5 x 100    | 43                  | 105            | 10480035            | 23621200  | 10170000  | 8                         | 16           |
| 50 x 25       | 54                  | 28             | 10480051            | 23621300  | 10180000  | 12                        | 24           |
| 50 x 37.5     | 54                  | 41             | 10480052            | 23621400  | 10190000  | 8                         | 16           |
| 50 x 50       | 54                  | 54             | 10480053            | 23621500  | 09260000  | 8                         | 16           |
| 50 x 75       | 55                  | 79             | 10480054            | 23621600  | 09270000  | 8                         | 16           |
| 50 x 100      | 56                  | 105            | 10480055            | 23621700  | 10220000  | 4                         | 8            |
| 75 x 37.5     | 80                  | 41             | 10480072            | 23621800  | 10230000  | 8                         | 16           |
| 75 x 50       | 78                  | 54             | 10480073            | 23621900  | 10240000  | 8                         | 16           |
| 75 x 75       | 80                  | 80             | 10480074            | 23622000  | 09290000  | 8                         | 16           |
| 75 x 100      | 80                  | 105            | 10480075            | 23622100  | 10260000  | 4                         | 8            |
| 100 x 50      | 107                 | 54             | 10480103            | 23622400  | 10280000  | 4                         | 8            |
| 100 x 75      | 107                 | 80             | 10480104            | 23622500  | 10290000  | 4                         | 8            |
| 100 x 100     | 107                 | 104            | 10480105            | 23622600  | 10300000  | 4                         | 8            |
| 100 x 125     | 107                 | 130            | 10480106            | 23623000  | 10310000  | 4                         | 8            |
| 125 x 75      | 131                 | 78             | 10480124            | 23622900  | 09420000  | 4                         | 8            |

\*Other sizes may be available upon request, please contact the sale office for minimum quantities and lead times.

#### MATERIALS

Self extinguishing PVC

#### SERVICE TEMPERATURE

-15°C to + 60°C(+5°F to +140°F)

#### STANDARDS

Base slots to DIN 43659

#### STANDARD COLOURS

Grey RAL 7030, white & black

#### FLAMIBILITY

UL94 V-0 rated material

#### APPROVALS

UL & Lloyds Register

#### RoHS COMPLIANT

These are non-stock items and may require minimum order quantities. Please contact our sales office for availability and price.



## Noryl Betaduct

### Supplied with lid

| nominal size<br>w x h<br>(mm) | external dimensions |                | part no. selection |                      |                     | carton quantity           |              |
|-------------------------------|---------------------|----------------|--------------------|----------------------|---------------------|---------------------------|--------------|
|                               | width<br>(mm)       | height<br>(mm) | black<br>OPEN SLOT | black<br>CLOSED SLOT | black<br>SOLID WALL | no. of lengths<br>2m each | total metres |
| 25 x 37.7                     | 29                  | 38             | 23461000           | 23451000             | -                   | 12                        | 24           |
| 25 x 50                       | 29                  | 54             | 23462000           | 23452000             | 23472000            | 12                        | 24           |
| 25 x 75                       | 29                  | 79             | 23463000           | 23453000             | -                   | 8                         | 16           |
| 50 x 50                       | 54                  | 54             | 23464000           | 23454000             | -                   | 8                         | 16           |
| 50 x 75                       | 55                  | 79             | 23465000           | 23455000             | -                   | 8                         | 16           |
| 75 x 75                       | 80                  | 80             | 23466000           | 23456000             | 23476000            | 8                         | 16           |

\*Other sizes may be available upon request, please contact the sale office for minimum quantities and lead times.

### MATERIALS

Self extinguishing Noryl Xtra, zero halogen, low smoke

### SERVICE TEMPERATURE

-30°C to + 120°C (-22°F to +248°F)

### STANDARDS

Base slots to DIN 43659

### STANDARD COLOURS

Black

### FLAMIBILITY

UL94 V-0 rated material

### APPROVALS

UL & Lloyds Register

### RoHS COMPLIANT



## Accessories

### Lids

| duct width<br>(mm) | part no. selection   |           |           |          |             | carton quantity           |              |
|--------------------|----------------------|-----------|-----------|----------|-------------|---------------------------|--------------|
|                    | grey RAL<br>7030 PVC | white PVC | black PVC | blue PVC | black Noryl | no. of lengths<br>2m each | total metres |
| 15                 | 10450001             | 23650001  | 09310000  | -        | -           | 12                        | 24           |
| 19                 | 10450019             | 23650019  | 09310019  | -        | -           | 12                        | 24           |
| 25                 | 10450002             | 23650003  | 09330000  | 09336000 | 23481000    | 12                        | 24           |
| 37.5               | 10450003             | 23650004  | 09320000  | 10456003 | -           | 12                        | 24           |
| 50                 | 10450004             | 23650005  | 09430000  | 09340000 | 23482000    | 12                        | 24           |
| 75                 | 10540005             | 23650006  | 09350000  | 09356000 | 23483000    | 12                        | 24           |
| 100                | 10450006             | 23650007  | 09360000  | 10456006 | -           | 6                         | 12           |
| 125                | 10450007             | 23650008  | 09370000  | -        | -           | 6                         | 12           |

### DIVIDERS- for mounting on insulating washers

| duct height<br>(mm) | part no. selection   |           |           |          | carton quantity           |              | SIDE CUTTERS         |                      |
|---------------------|----------------------|-----------|-----------|----------|---------------------------|--------------|----------------------|----------------------|
|                     | grey RAL<br>7030 PVC | white PVC | black PVC | blue PVC | no. of lengths<br>2m each | total metres |                      |                      |
| 50                  | 10450009             | 23620010  | 10390000  | 10396    | 4                         | 8            | part no.<br>18570000 | carton quantity<br>1 |
| 75                  | 10450010             | 23620011  | 10400000  | 10406    | 4                         | 8            |                      |                      |

### RIVETS

| duct size       | part no. | carton quantity | RIVETER  |                 | INSULATING WASHERS |                 |
|-----------------|----------|-----------------|----------|-----------------|--------------------|-----------------|
| 15mmx15mm       | 10490000 | 100             | part no. | carton quantity | part no.           | carton quantity |
| All other sizes | 10500000 | 100             | 18580000 | 1               | 10440000           | 50              |

**Bata Cable Management Systems LTD,**  
 Newtown Trading Estate, Northway Lane, Tewkesbury, Glos. GL20 8JG

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**email** sales@betacable.com www.betacable.com