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CATALOG

# Ty-Duct®

## Wiring duct



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**Thomas & Betts is now ABB Installation Products, but our long legacy of quality products and innovation remains the same. From connectors that help wire buildings on Earth to cable ties that help put machines in space, we continue to work every day to make, market, design and sell products that provide a smarter, safer and more reliable flow of electricity, from source to socket.**

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# Overview

The versatile configurations you need for routing and concealing wiring

ABB's innovative Ty-Duct products offer a total solution for routing and concealing wiring in control panels. Many different sizes are available to accommodate anything from the smallest wall-mount panel to larger integrated systems. Impressive features are incorporated into all of our wiring duct solutions.

#### Ty-Duct wiring duct features

- Available in solid, wide slot, narrow slot and round hole versions to meet your capacity and flexibility needs
- Widths from 0.75" to 6" and depths from 1" to 5"
- Optional adhesive back for quick, hassle-free installation
- Complete selection of accessories and tools for installation
- Lead-free construction
- Lightweight halogen-free unit available for wide and narrow slot wiring duct (metric duct only)

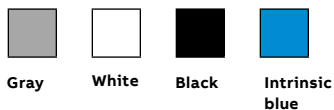
#### Ty-Duct wiring duct certifications

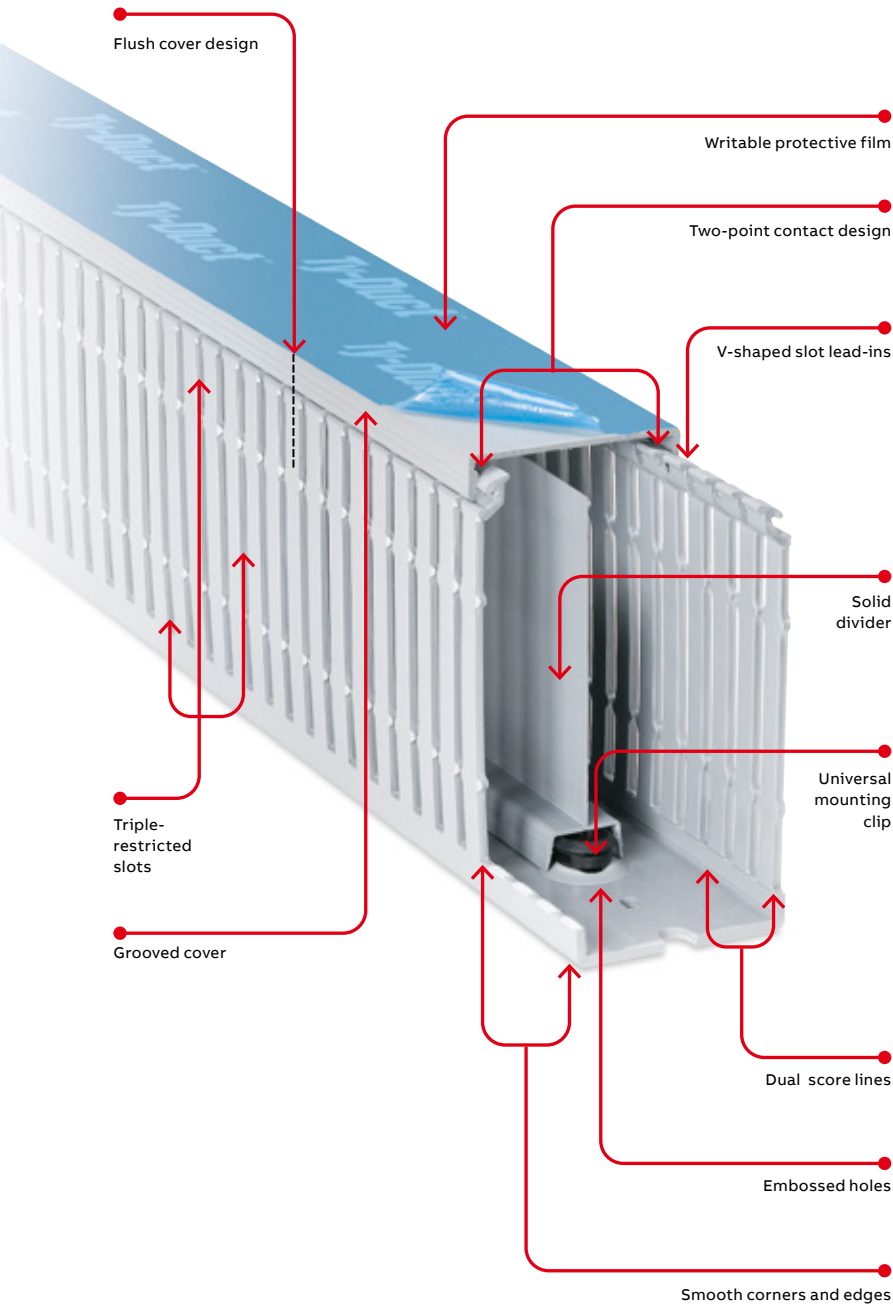
- UL recognized continuous-use temperature from -40 °C (-40 °F) up to 60 °C (140 °F)
- CSA certified file no. 110176
- UL flammability rating of UL94V-0
- CE compliant
- RoHS compliant

#### Metric duct certifications

- CSA certified file no. 077988
- RoHS compliant
- Conforms to EN50085-2-3 standard
- DIN standard mounting holes

#### Available in four colors



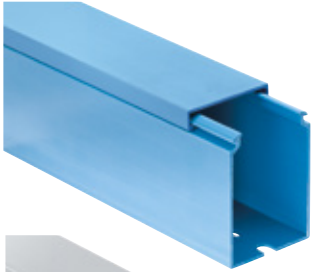


### Ty-Duct wiring duct advantages

- Two-point contact design enables the cover to be easily installed in the right place with less force
- Co-extruded cover ensures the cover will stay in place once installed
- Smooth corners and edges protect wires
- Flush cover design enables greater capacity and sits flush with duct side wall
- Triple-restricted slots speed installation while enabling better wire retaining in duct
- Score lines — upper score line allows fingers to be broken out without tools
- V-shaped slot lead-in funnels wires into slot for easier wire insertion
- Universal mounting clip secures into base to perform several tasks:
  - Enables divider to be snapped into base
  - Slots in the universal mounting clip allow cable ties to pass through to hold wire bundles in place
  - Two slot sizes on universal mounting clip accommodate traditional nylon cable ties or hook-and-loop fasteners
- Slotted and solid dividers accommodate various wiring applications
- Grooved cover provides better grip for removal and placement of cover onto base
- Writable protective film on covers protects against job site scratches and scuffs and enables temporary marking or labeling
- Embossed holes enable universal mounting clips to be installed, even after the duct has been riveted to the panel
- PVC construction is excellent for flame retardancy
- North American and DIN standard mounting holes

# Overview

## Wiring duct styles



### Solid wall wiring duct

- Engineered to restrict wire access for greater security
- Available in improved flush sidewall and cover style for greater wire capacity



### Wide slot wiring duct

- Wide fingers and slots increase rigidity and enable easy insertion of bundles
- Halogen-free version available



### Narrow slot wiring duct

- Smaller, higher number of fingers for more concise harnessing
- Finger design restricts wire from slipping along the edge — creates two or three levels of wire service



### Round hole wiring duct

- Multiple rows of holes retain wire at different heights and positions with or without cover
- Features maximum number of wire holes



### Metric wiring duct

- Lead-free thermoplastic duct
- Available in wide and narrow slot styles
- Covers included with all duct orders



### Halogen-free thermoplastic metric duct

- Available in wide and narrow slot wiring duct
- Available in gray
- Covers included with all duct orders

# Overview


## How to order

**Ordering the Ty-Duct products you need is as easy as 1, 2, 3.**

After selecting the appropriate Ty-Duct solutions for your application, make sure you complete the following checklist.

**For Ty-Duct wiring duct and covers:**

1. Specify color
2. Indicate if you want the duct without mounting holes
3. Indicate if you want an adhesive-backed duct (not available with halogen-free duct)

 = space for color identifier:

G = Gray

W = White

B = Black

I = Intrinsic blue



2. To order duct without mounting holes, add suffix NM to catalog number.  
Example: TYD75X1WPG6NM is a 0.75" x 1" wide slot gray duct with no mounting holes.

3. To order adhesive-backed duct, add suffix A to Catalog Number. Example: TYD75x15WPB6A is a 0.75" x 1.5" wide slot black duct with adhesive backing. Shelf life for adhesive is 1 year.

Cat. no.	Description	Nominal width x nominal height		Cover cat. no.	Duct std. ctn. qty.	Cover std. ctn. qty.	Length (ft.)
		In.	mm				
TYD75X1WP[G]6[NM]	0.75 x 1 wide slot duct	0.94 x 1.09	23.9 x 27.7	TYD75CP[G]6	120	120	6
TYD75X15WP[B]6[A]	0.75 x 1.5 Wide slot duct	0.94 x 1.56	23.9 x 39.6		120		
TYD75X2WP[I]6	0.75 x 2 wide slot duct	0.94 x 2.07	23.9 x 52.6		120		

SP = Solid  
WP = Wide slot  
NP = Narrow slot  
RP = Round hole

1. Catalog number must be completed by adding suffix G for gray, W for white, I for intrinsic blue, B for black. Example: TYD75x2WPI6 is a 0.75" x 2" wide slot intrinsic blue duct. Cover color must be specified also.

Standard carton quantity

Standard lengths are 6 feet.

**For Ty-Duct dividers:**



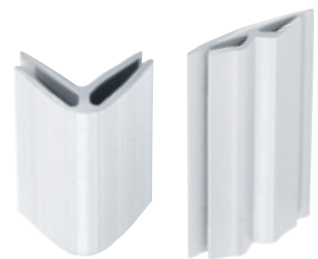
Catalog number must be completed by adding suffix SP for solid or WP for wide slot. Example: TY2DSPG6 is a 2" high solid wall gray divider.

Cat. no.	Description	Length (ft.)	Std. ctn. qty
TY2D[SP][G]6	2" High wall divider	6	120

Catalog number must be completed by adding suffix G for gray, W for white, I for intrinsic blue, B for black.  
Example: TY2DSPG6 is a 2" high solid wall gray divider.

**For Ty-Duct corner and joining strips:**

Corner strip sample shown below. Joining strips are ordered the same way.



Cat. no.	Description	Length (ft.)	Std. ctn. qty
TYCS[G]6	Corner strip	6	120

Catalog number must be completed by adding suffix G for gray, W for white, I for intrinsic blue, B for black.  
Example: TYCSG6 is a gray corner strip.







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# Product ordering and information

<b>010</b> –011	<b>Narrow slot</b>
<b>012</b> –013	<b>Wide slot</b>
<b>014</b> –015	<b>Solid wall</b>
<b>016</b> –017	<b>Round hole</b>
<b>018</b> –021	<b>Spiral wrap and grommeting</b>
<b>022</b> –024	<b>Accessories</b>
<b>025</b> –026	<b>Tools</b>

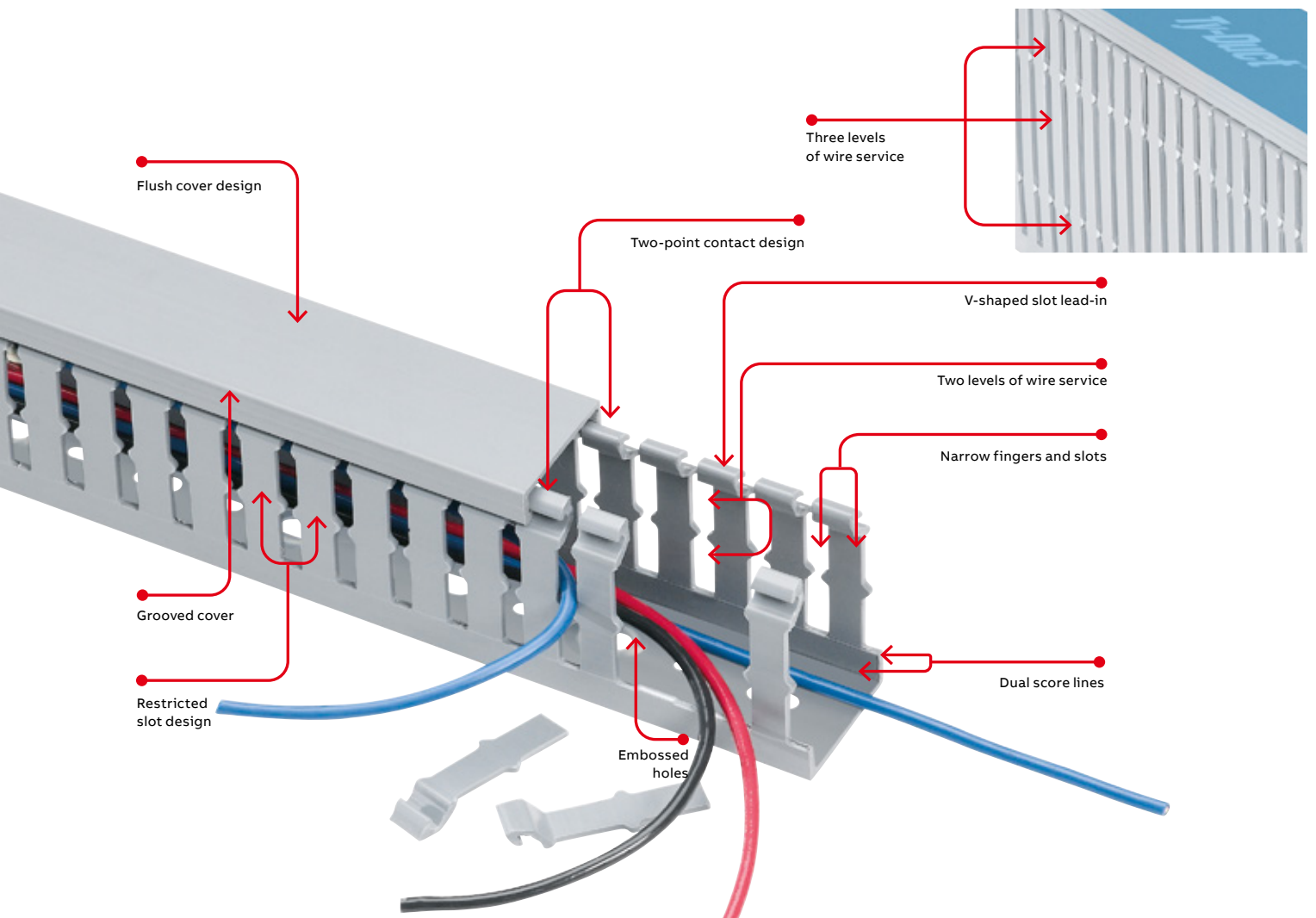
# Product ordering and information

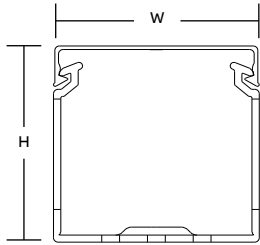
## Narrow slot wiring duct

Designed to fit the spacing of high-density terminal blocks.

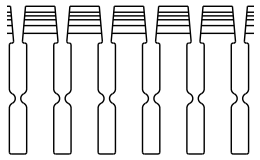
### Narrow slot wiring duct — PVC

- Higher number of smaller fingers for more concise harnessing
- Non-slip cover does not slide easily and resists vibration
- Rounded edges protect hands and wires
- V-shaped slot lead-in enables easier and faster wire installation
- Restricted slot design makes sure that wires are held with or without the cover inserted
- Cover attaches flush with sidewall for finished look
- Dual score lines are designed to yield clean breakoffs at the base of the slot and the duct
- Finger design restricts wire from slipping along the edge; creates two or three levels of wire service (see page 34 for illustration)
- Integrated mounting holes — larger sizes include staggered holes for mounting flexibility (see page 30 for illustration)
- Constructed of flame-retardant PVC
- Lead-free construction

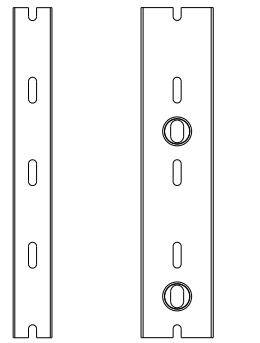




Front view with cover

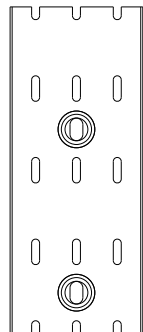


Side view



Pattern for 3/4" & 1"

Pattern for 1 1/2"



Pattern for 2", 2 1/2", 3", 4" & 6"

For a complete listing of narrow slot dimensional details, see page 30.



Cat. no.	Description (in.)	Size (W x H)		Cover cat. no.	Duct std. ctn. qty.	Cover std. ctn. qty.	Length (ft.)
		in.	mm				
TYD75X15NP[_]6	0.75 x 1.5 Narrow slot duct	0.94 x 1.60	23.9 x 39.6	TYD75CP[_]6	120	120	6
TYD1X1NP[_]6	1 x 1 Narrow slot duct	1.25 x 1.14	31.8 x 27.7	TYD1CP[_]6	120	60	6
TYD1X15NP[_]6	1 x 1.5 Narrow slot duct	1.25 x 1.60	31.8 x 39.9				
TYD1X2NP[_]6	1 x 2 Narrow slot duct	1.25 x 2.10	31.8 x 52.8				
TYD1X3NP[_]6	1 x 3 Narrow slot duct	1.25 x 3.05	31.8 x 77.7				
TYD1X4NP[_]6	1 x 4 Narrow slot duct	1.25 x 4.37	31.8 x 111.3		60		
TYD15X1NP[_]6	1.5 x 1 Narrow slot duct	1.75 x 1.14	44.5 x 27.7	TYD15CP[_]6	120	60	6
TYD15X15NP[_]6	1.5 x 1.5 Narrow slot duct	1.75 x 1.60	44.5 x 39.9				
TYD15X2NP[_]6	1.5 x 2 Narrow slot duct	1.75 x 2.10	44.5 x 52.8				
TYD15X3NP[_]6	1.5 x 3 Narrow slot duct	1.75 x 3.05	44.5 x 77.7				
TYD15X4NP[_]6	1.5 x 4 Narrow slot duct	1.75 x 4.37	44.5 x 111.3		60		
TYD2X1NP[_]6	2 x 1 Narrow slot duct	2.25 x 1.24	57.2 x 28.4	TYD2CP[_]6	120	60	6
TYD2X15NP[_]6	2 x 1.5 Narrow slot duct	2.25 x 1.70	57.2 x 40.4				
TYD2X2NP[_]6	2 x 2 Narrow slot duct	2.25 x 2.19	57.2 x 53.3				
TYD2X3NP[_]6	2 x 3 Narrow slot duct	2.25 x 3.14	57.2 x 78.2		60		
TYD2X4NP[_]6	2 x 4 Narrow slot duct	2.25 x 4.46	57.2 x 111.8				
TYD2X5NP[_]6	2 x 5 Narrow slot duct	2.25 x 5.15	57.2 x 129.3				
TYD25X2NP[_]6	2.5 x 2 Narrow slot duct	2.75 x 2.19	69.9 x 53.6	TYD25CP[_]6	120	60	6
TYD25X3NP[_]6	2.5 x 3 Narrow slot duct	2.75 x 3.14	69.9 x 78.2		60		
TYD25X4NP[_]6	2.5 x 4 Narrow slot duct	2.75 x 4.46	69.9 x 111.8				
TYD3X1NP[_]6	3 x 1 Narrow slot duct	3.25 x 1.24	82.6 x 29.0	TYD3CP[_]6	120	60	6
TYD3X2NP[_]6	3 x 2 Narrow slot duct	3.25 x 2.19	82.6 x 54.9		60		
TYD3X3NP[_]6	3 x 3 Narrow slot duct	3.25 x 3.14	82.6 x 79.8				
TYD3X4NP[_]6	3 x 4 Narrow slot duct	3.25 x 4.46	82.6 x 113.5				
TYD3X5NP[_]6	3 x 5 Narrow slot duct	3.25 x 5.15	82.6 x 130.6				
TYD4X2NP[_]6	4 x 2 Narrow slot duct	4.25 x 2.19	108.0 x 55.1	TYD4CP[_]6	60	30	6
TYD4X3NP[_]6	4 x 3 Narrow slot duct	4.25 x 3.14	108.0 x 80.0				
TYD4X4NP[_]6	4 x 4 Narrow slot duct	4.25 x 4.46	108.0 x 113.8		30		
TYD4X5NP[_]6	4 x 5 Narrow slot duct	4.25 x 5.15	108.0 x 130.8				

= space for color identifier:

- G = Gray
- W = White
- B = Black
- I = Intrinsic blue

- Standard lengths are 6 feet.
- + Catalog number must be completed by adding suffix G for gray, W for white, I for intrinsic blue, B for black.
- Example: TYD75X15NPG6 is a 0.75" x 1" wide slot gray duct.
- To order duct without mounting holes, add suffix NM to catalog number.
- Example: TYD75X15NPG6NM is a 0.75" x 1" wide slot gray duct with no mounting holes.
- To order adhesive-backed duct, add suffix A to catalog number.
- Example: TYD75X15NPG6A is a 0.75" x 1" wide slot gray duct with adhesive backing. Shelf life for adhesive is 1 year.
- PVC vinyl duct is CSA certified, UL recognized and CE compliant.

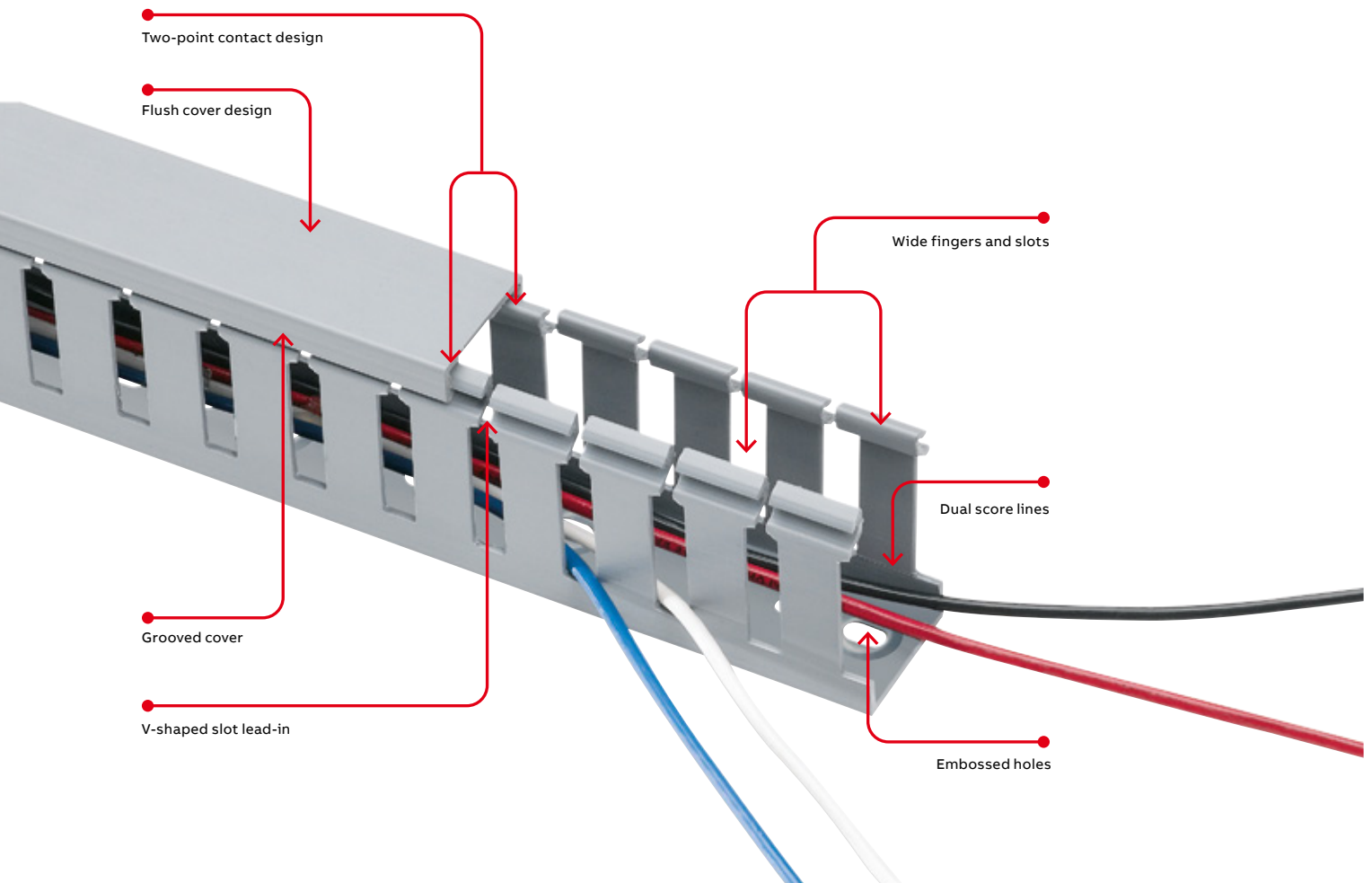
# Product ordering and information

## Wide slot wiring duct

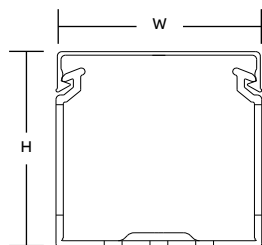
Greater sidewall rigidity with increased versatility.

### Wide slot wiring duct — PVC

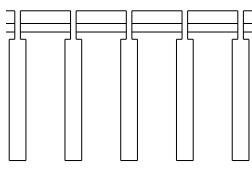
- Wide fingers and slots increase rigidity and enable easier insertion of wiring bundles
- Non-slip cover does not slide easily and resists vibration
- Rounded edges keep hands and wires free of abrasion
- Dual score lines are designed to yield clean breakoffs at the base of the slot and the duct
- Restricted slot design ensures that wires are held with or without the cover inserted
- Cover attaches flush with sidewall for finished look
- Improved flush sidewall and cover style for greater wire capacity
- Versatile North American and DIN standard mounting holes enable use of the same duct for multiple applications
- Constructed of flame-retardant PVC
- Integrated mounting holes — larger sizes include staggered holes for mounting flexibility (see page 31 for illustration)
- Lead-free construction



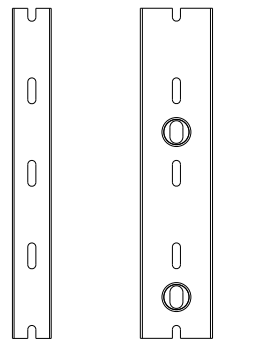




Front view with cover

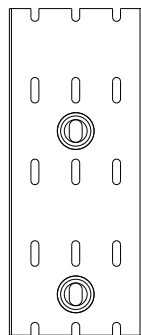


Side view



Pattern for 3/4" & 1"

Pattern for 1 1/2"



Pattern for 2", 2 1/2", 3", 4" & 6"

For a complete listing of wide slot dimensional details, see page 31.



Cat. no.	Description	Size (W x H)		Cover cat. no.	Duct std. ctn. qty.	Cover std. ctn. qty.	Length (ft.)
		in.	mm				
TYD75X1WP[_]6	0.75 x 1 Wide slot duct	0.94 x 1.14	23.9 x 27.7	TYD75CP[_]6	120	120	6
TYD75X15WP[_]6	0.75 x 1.5 Wide slot duct	0.94 x 1.60	23.9 x 39.6				
TYD75X2WP[_]6	0.75 x 2 Wide slot duct	0.94 x 2.10	23.9 x 52.6				
TYD1X1WP[_]6	1 x 1 Wide slot duct	1.25 x 1.14	31.8 x 27.7	TYD1CP[_]6	120	60	6
TYD1X15WP[_]6	1 x 1.5 Wide slot duct	1.25 x 1.60	31.8 x 39.9				
TYD1X2WP[_]6	1 x 2 Wide slot duct	1.25 x 2.10	31.8 x 52.8				
TYD1X3WP[_]6	1 x 3 Wide slot duct	1.25 x 3.05	31.8 x 77.7				
TYD1X4WP[_]6	1 x 4 Wide slot duct	1.25 x 4.37	31.8 x 111.3		60		
TYD15X1WP[_]6	1.5 x 1 Wide slot duct	1.75 x 1.14	44.5 x 27.7	TYD15CP[_]6	120	60	6
TYD15X15WP[_]6	1.5 x 1.5 Wide slot duct	1.75 x 1.60	44.5 x 39.9				
TYD15X2WP[_]6	1.5 x 2 Wide slot duct	1.75 x 2.10	44.5 x 52.8				
TYD15X3WP[_]6	1.5 x 3 Wide slot duct	1.75 x 3.05	44.5 x 77.7				
TYD15X4WP[_]6	1.5 x 4 Wide slot duct	1.75 x 4.37	44.5 x 111.3		60		
TYD2X1WP[_]6	2 x 1 Wide slot duct	2.25 x 1.24	57.2 x 28.4	TYD2CP[_]6	120	60	6
TYD2X15WP[_]6	2 x 1.5 Wide slot duct	2.25 x 1.70	57.2 x 40.4				
TYD2X2WP[_]6	2 x 2 Wide slot duct	2.25 x 2.19	57.2 x 53.3				
TYD2X3WP[_]6	2 x 3 Wide slot duct	2.25 x 3.14	57.2 x 78.2		60		
TYD2X4WP[_]6	2 x 4 Wide slot duct	2.25 x 4.46	57.2 x 111.8				
TYD2X5WP[_]6	2 x 5 Wide slot duct	2.25 x 5.15	57.2 x 129.3				
TYD25X2WP[_]6	2.5 x 2 Wide slot duct	2.75 x 2.19	69.9 x 53.6	TYD25CP[_]6	120	60	6
TYD25X3WP[_]6	2.5 x 3 Wide slot duct	2.75 x 3.14	69.9 x 78.2		60		
TYD25X4WP[_]6	2.5 x 4 Wide slot duct	2.75 x 4.46	69.9 x 111.8				
TYD3X1WP[_]6	3 x 1 Wide slot duct	3.25 x 1.24	82.6 x 29.0	TYD3CP[_]6	120	60	6
TYD3X2WP[_]6	3 x 2 Wide slot duct	3.25 x 2.19	82.6 x 54.9		60		
TYD3X3WP[_]6	3 x 3 Wide slot duct	3.25 x 3.14	82.6 x 79.8				
TYD3X4WP[_]6	3 x 4 Wide slot duct	3.25 x 4.46	82.6 x 113.5				
TYD3X5WP[_]6	3 x 5 Wide slot duct	3.25 x 5.15	82.6 x 130.6				
TYD4X15WP[_]6	4 x 1.5 Wide slot duct	4.25 x 1.70	108.0 x 42.4	TYD4CP[_]6	60	30	6
TYD4X2WP[_]6	4 x 2 Wide slot duct	4.25 x 2.19	108.0 x 55.1				
TYD4X3WP[_]6	4 x 3 Wide slot duct	4.25 x 3.14	108.0 x 80.0				
TYD4X4WP[_]6	4 x 4 Wide slot duct	4.25 x 4.46	108.0 x 113.8		30		
TYD4X5WP[_]6	4 x 5 Wide slot duct	4.25 x 5.15	108.0 x 130.8				
TYD6X4WP[_]6	6 x 4 Wide slot duct	6.25 x 4.46	158.8 x 114.0	TYD6CP[_]6	30	30	6

= space for color identifier:

G = Gray



W = White



B = Black



I = Intrinsic blue



• Standard lengths are 6 feet.

+ Catalog number must be completed by adding suffix G for gray, W for white, I for intrinsic blue, B for black.

Example: TYD75X1WPG6 is a 0.75" x 1" wide slot gray duct.

To order duct without mounting holes, add suffix NM to catalog number.

Example: TYD75X1WPGNM6 is a 0.75" x 1" wide slot gray duct with no mounting holes.

To order adhesive-backed duct, add suffix A to catalog number.

Example: TYD75X1WPGA6 is a 0.75" x 1" wide slot gray duct with adhesive backing. Shelf life for adhesive is 1 year.

PVC vinyl duct is CSA certified, UL recognized and CE compliant.

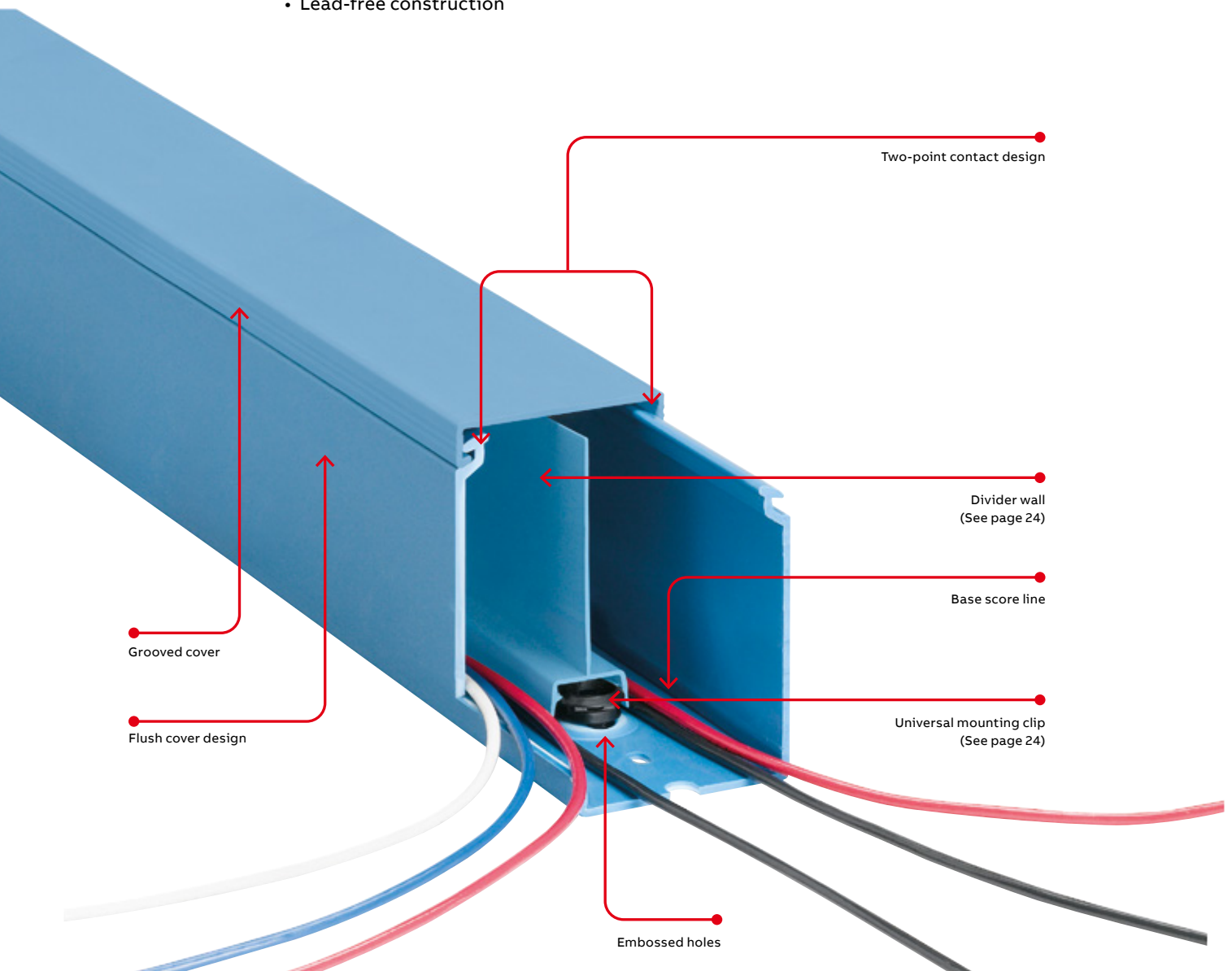
# Product ordering and information

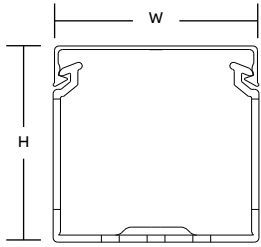
## Solid wall wiring duct

Flame-retardant PVC offers the protection you need.

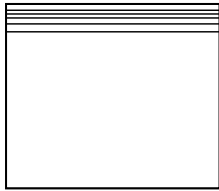
### Solid wall duct — PVC

- Engineered to restrict wire access
- Constructed of flame-retardant PVC
- Non-slip cover does not slide easily and resists vibration
- Cover attaches flush with sidewall for finished look
- Improved flush sidewall and cover style for greater wire capacity
- Base score line
- Integrated mounting holes — larger sizes include staggered holes for mounting flexibility (see page 32 for illustration)
- Lead-free construction

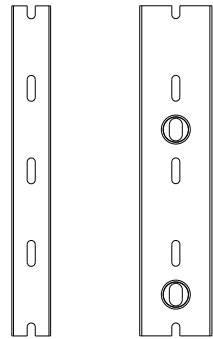




Front view with cover

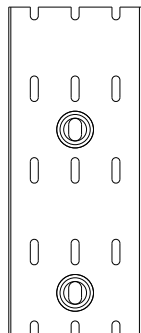


Side view



Pattern for 3/4" & 1"

Pattern for 1 1/2"



Pattern for 2", 2 1/2", 3", 4" & 6"

For a complete listing of solid wall dimensional details, see page 32.



Cat. no.	Description (in.)	Size (W x H)		Cover cat. no.	Duct std. ctn. qty.	Cover std. ctn. qty.	Length (ft.)
		in.	mm				
TYD75X1SP[_]6	0.75 x 1 Solid wall duct	0.94 x 1.14	23.9 x 27.7	TYD75CP[_]6	120	60	6
TYD75X15SP[_]6	0.75 x 1.5 Solid wall duct	0.94 x 1.60	23.9 x 39.6				
TYD75X2SP[_]6	0.75 x 2 Solid wall duct	0.94 x 2.10	23.9 x 52.6				
TYD1X1SP[_]6	1 x 1 Solid wall duct	1.25 x 1.14	31.8 x 27.7	TYD1CP[_]6	120	60	6
TYD1X15SP[_]6	1 x 1.5 Solid wall duct	1.25 x 1.60	31.8 x 39.9				
TYD1X2SP[_]6	1 x 2 Solid wall duct	1.25 x 2.10	31.8 x 52.8				
TYD1X3SP[_]6	1 x 3 Solid wall duct	1.25 x 3.05	31.8 x 77.7				
TYD1X4SP[_]6	1 x 4 Solid wall duct	1.25 x 4.37	31.8 x 111.3		60		
TYD15X1SP[_]6	1.5 x 1 Solid wall duct	1.75 x 1.14	44.5 x 27.7	TYD15CP[_]6	120	60	6
TYD15X15SP[_]6	1.5 x 1.5 Solid wall duct	1.75 x 1.60	44.5 x 39.9				
TYD15X2SP[_]6	1.5 x 2 Solid wall duct	1.75 x 2.10	44.5 x 52.8				
TYD15X3SP[_]6	1.5 x 3 Solid wall duct	1.75 x 3.05	44.5 x 77.7				
TYD15X4SP[_]6	1.5 x 4 Solid wall duct	1.75 x 4.37	44.5 x 111.3		60		
TYD2X1SP[_]6	2 x 1 Solid wall duct	2.25 x 1.24	57.2 x 28.4	TYD2CP[_]6	120	60	6
TYD2X15SP[_]6	2 x 1.5 Solid wall duct	2.25 x 1.70	57.2 x 40.4				
TYD2X2SP[_]6	2 x 2 Solid wall duct	2.25 x 2.19	57.2 x 53.3				
TYD2X3SP[_]6	2 x 3 Solid wall duct	2.25 x 3.14	57.2 x 78.2		60		
TYD2X4SP[_]6	2 x 4 Solid wall duct	2.25 x 4.46	57.2 x 111.8				
TYD2X5SP[_]6	2 x 5 Solid wall duct	2.25 x 5.15	57.2 x 129.3				
TYD25X2SP[_]6	2.5 x 2 Solid wall duct	2.75 x 2.19	69.9 x 53.6	TYD25CP[_]6	120	60	6
TYD25X3SP[_]6	2.5 x 3 Solid wall duct	2.75 x 3.14	69.9 x 78.2		60		
TYD25X4SP[_]6	2.5 x 4 Solid wall duct	2.75 x 4.46	69.9 x 111.8				
TYD3X1SP[_]6	3 x 1 Solid wall duct	3.25 x 1.24	82.6 x 29.0	TYD3CP[_]6	120	60	6
TYD3X2SP[_]6	3 x 2 Solid wall duct	3.25 x 2.19	82.6 x 54.9		60		
TYD3X3SP[_]6	3 x 3 Solid wall duct	3.25 x 3.14	82.6 x 79.8				
TYD3X4SP[_]6	3 x 4 Solid wall duct	3.25 x 4.46	82.6 x 113.5				
TYD3X5SP[_]6	3 x 5 Solid wall duct	3.25 x 5.15	82.6 x 130.6				
TYD4X15SP[_]6	4 x 1.5 Solid wall duct	4.25 x 1.70	108.0 x 42.4	TYD4CP[_]6	60	30	6
TYD4X2SP[_]6	4 x 2 Solid wall duct	4.25 x 2.19	108.0 x 55.1				
TYD4X3SP[_]6	4 x 3 Solid wall duct	4.25 x 3.14	108.0 x 80.0				
TYD4X4SP[_]6	4 x 4 Solid wall duct	4.25 x 4.46	108.0 x 113.8		30		
TYD4X5SP[_]6	4 x 5 Solid wall duct	4.25 x 5.15	108.0 x 130.8				
TYD6X4SP[_]6	6 x 4 Solid wall duct	6.25 x 4.46	158.8 x 114.0	TYD6CP[_]6	30	30	6

[ ] = space for color identifier:

- G = Gray
- W = White
- B = Black
- I = Intrinsic blue

- Standard lengths are 6 feet.
- + Catalog number must be completed by adding suffix G for gray, W for white, I for intrinsic blue, B for black.
- Example: TYD75X1SPG6 is a 0.75" x 1" solid wall gray duct.
- To order duct without mounting holes, add suffix NM to catalog number.
- Example: TYD75X1SPGNM6 is a 0.75" x 1" solid wall gray duct with no mounting holes.
- To order adhesive-backed duct, add suffix A to catalog number.
- Example: TYD75X1SPGA6 is a 0.75" x 1" solid wall gray duct with adhesive backing. Shelf life for adhesive is 1 year.
- PVC vinyl duct is CSA certified, UL recognized and CE compliant.

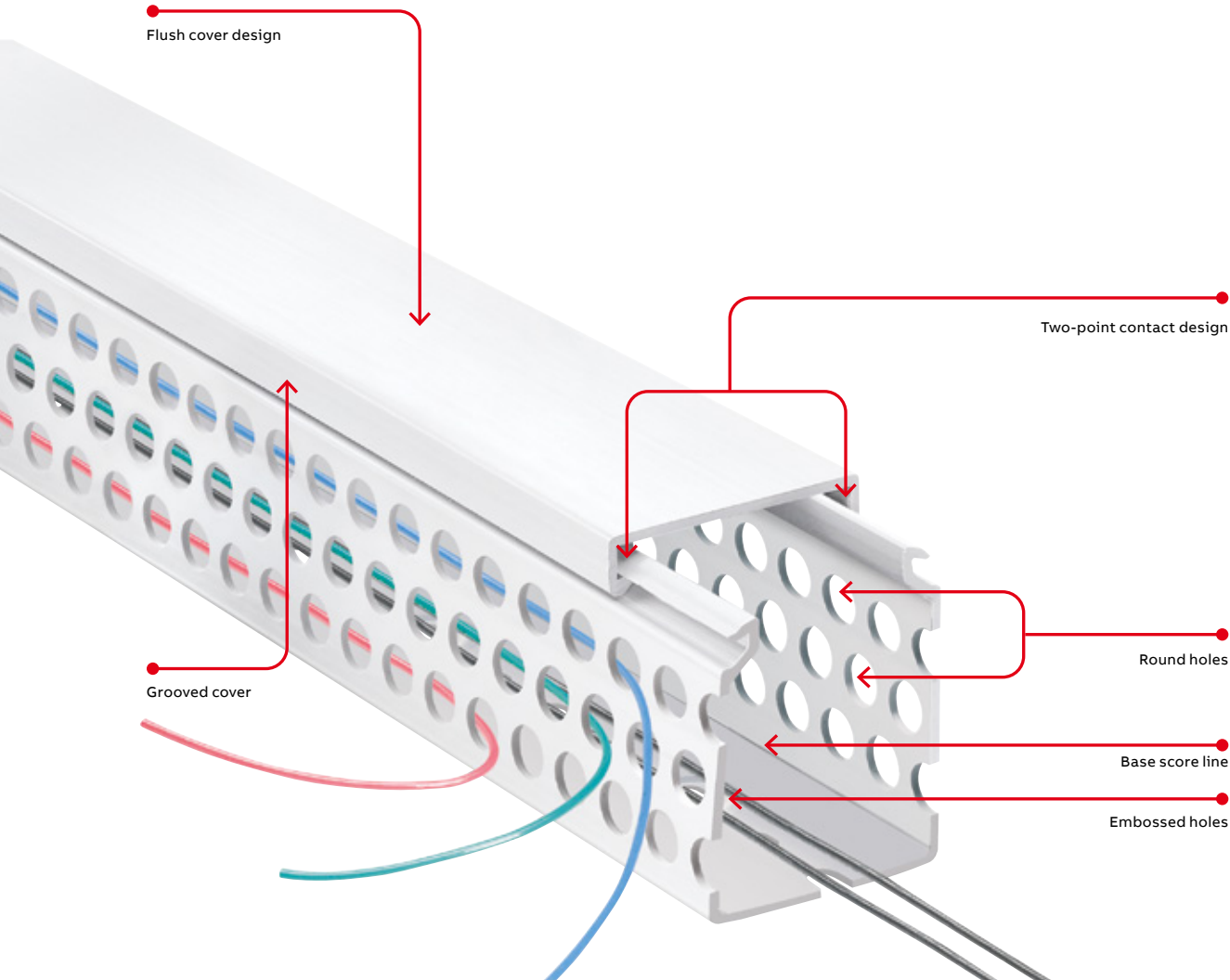
# Product ordering and information

## Round hole wiring duct

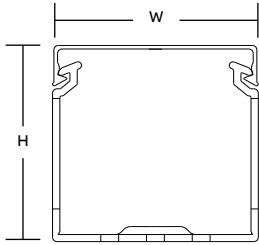
Holes retain and support wires at different heights.

### Round hole wiring duct — PVC

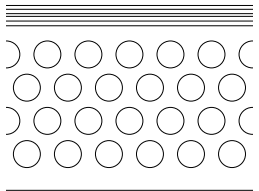
- Multiple rows of holes retain wire at different heights and positions with or without the cover
- Features maximum number of wire holes
- Greater wall rigidity than open slot duct
- Non-slip cover does not slide easily and resists vibration
- Rounded edges protect hands and wires
- Base score line enables sidewall section to be removed
- Cover attaches flush with sidewall for finished look
- Constructed of flame-retardant PVC
- Integrated mounting holes — larger sizes include staggered holes for mounting flexibility (see page 33 for illustration)
- Lead-free construction



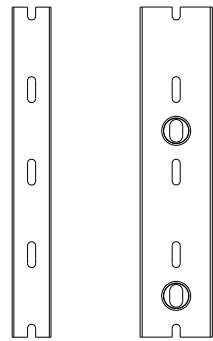




Front view with cover

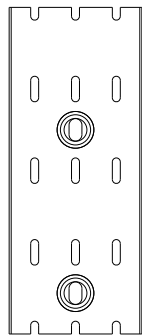


Side view



Pattern for 3/4" & 1"

Pattern for 1 1/2"



Pattern for 2", 2 1/2", 3", 4" & 6"

For a complete listing of round hole dimensional details, see page 33.



Cat. no.	Description (in.)	Size (W x H)		Cover cat. no.	Duct std. ctn. qty.	Cover std. ctn. qty.	Length (ft.)
		in.	mm				
TYD1X15RP[_]6	1 x 1.5 Round hole duct	1.75 x 1.60	44.5 x 39.9	TYD1CP[_]6	120	60	6
TYD1X2RP[_]6	1 x 2 Round hole duct	1.25 x 2.10	31.8 x 52.8				
TYD1X3RP[_]6	1 x 3 Round hole duct	1.25 x 3.05	31.8 x 77.7				
TYD1X4RP[_]6	1 x 4 Round hole duct	1.25 x 4.37	31.8 x 111.3		60		
TYD15X15RP[_]6	1.5 x 1.5 Round hole duct	1.75 x 1.60	44.5 x 39.9	TYD15CP[_]6	120	60	6
TYD15X2RP[_]6	1.5 x 2 Round hole duct	1.75 x 2.10	44.5 x 52.8				
TYD15X3RP[_]6	1.5 x 3 Round hole duct	1.75 x 3.05	44.5 x 77.7				
TYD15X4RP[_]6	1.5 x 4 Round hole duct	1.75 x 4.37	44.5 x 111.3		60		
TYD2X15RP[_]6	2 x 1.5 Round hole duct	2.25 x 1.70	57.2 x 40.4	TYD2CP[_]6	120	60	6
TYD2X2RP[_]6	2 x 2 Round hole duct	2.25 x 2.19	57.2 x 53.3				
TYD2X3RP[_]6	2 x 3 Round hole duct	2.25 x 3.14	57.2 x 78.2		60		
TYD2X4RP[_]6	2 x 4 Round hole duct	2.25 x 4.46	57.2 x 111.8				
TYD3X2RP[_]6	3 x 2 Round hole duct	3.25 x 2.19	82.6 x 54.9	TYD3CP[_]6	60	60	6
TYD3X3RP[_]6	3 x 3 Round hole duct	3.25 x 3.14	82.6 x 79.8				
TYD3X4RP[_]6	3 x 4 Round hole duct	3.25 x 4.46	82.6 x 113.5				
TYD4X15RP[_]6	4 x 1.5 Round hole duct	4.25 x 1.70	108.0 x 42.4	TYD4CP[_]6	60	30	6
TYD4X2RP[_]6	4 x 2 Round hole duct	4.25 x 2.19	108.0 x 55.1				
TYD4X3RP[_]6	4 x 3 Round hole duct	4.25 x 3.14	108.0 x 80.0				
TYD4X4RP[_]6	4 x 4 Round hole duct	4.25 x 4.46	108.0 x 113.8		30		

= space for color identifier:

G = Gray



W = White



B = Black



I = Intrinsic blue



• Standard lengths are 6 feet.

+ Catalog number must be completed by adding suffix G for gray, W for white, I for intrinsic blue, B for black.

Example: TYD1X15RPG6 is a 1" x 1.5" round hole gray duct.

To order duct without mounting holes, add suffix NM to catalog number.

Example: TYD1X15RPG6NM is a 1" x 1.5" round hole gray duct with no mounting holes.

To order adhesive-backed duct, add suffix A to catalog number.

Example: TYD1X15RPG6A is a 1" x 1.5" round hole gray duct with adhesive backing.

PVC vinyl duct is CSA certified, UL recognized and CE compliant.

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# Product ordering and information

## Spiral wrap and grommeting

Cable protection systems from ABB offers both spiral wrap and grommeting.

Spiral wrap is mainly used for protection of bundles. This product is available in a natural and UV-resistant version and supplied in a Euroslot bag, ideal for the distribution market.

ABB extruded grommeting is used to line panel edges and knock-outs where potential chafing of passing wires is a concern. In most applications, grommeting will grip tightly by itself.





# Product ordering and information

## Spiral wrap



### Characteristics

- For protection of bundles from 4 mm to 130 mm (0.16" to 5.12")
- Install gapped for greater flexibility or butted for maximum abrasion resistance, insulation and rigidity
- Counter-clockwise cut
- Delivered in bags with Euroslot
- Available in natural and UV-resistant black polyethylene

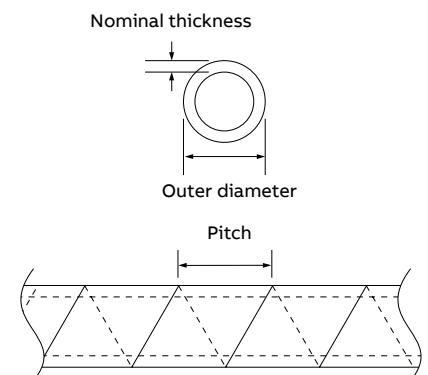
### Technical information

- Material: Polyethylene
- Temperature range: -30 °C to +80 °C (-22 °F to 176 °F)
- Color: Natural and UV-resistant black
- Flammability rating: UL 94 HB
- Other properties: UV-resistant black, halogen free, silicone free

### Spiral wrap

Cat. no.	GID no.	Outer diameter		Pitch		Nominal thickness		Min. – max. bundle diameter		Length	
		[mm]	[in]	[mm]	[in]	[mm]	[in]	[mm]	[in]	[m]	[ft]
<b>Natural</b>											
SRPE-6-9	7TCG054090R0233	6.0	0.24	7.0	0.78	0.5	0.02	4.0–50	0.16–0.97	10.0	32.81
SRPE-8-9	7TCG054090R0239	8.0	0.31	10.8	0.43	0.5	0.02	6.0–60	0.24–25.59	10.0	32.81
SRPE-10-9	7TCG054090R0217	10.0	0.39	11.4	0.44	0.8	0.03	7.5–60	0.30–25.59	10.0	32.81
SRPE-12-9	7TCG054090R0221	12.0	0.47	13.9	0.55	0.9	0.04	9.0–65	0.35–2.56	10.0	32.81
SRPE-15-9	7TCG054090R0223	15.0	0.59	15.0	0.59	1.0	0.04	12.0–70	0.47–2.76	10.0	32.81
SRPE-19-9	7TCG054090R0225	19.0	0.75	18.2	0.72	1.3	0.05	15.0–100	0.59–3.94	10.0	32.81
SRPE-24-9	7TCG054090R0227	24.0	0.94	19.6	0.77	1.5	0.06	20.0–130	0.79–5.12	10.0	32.81
<b>UV-resistant black</b>											
SRPE-6-0	7TCG054090R0232	6.0	0.24	7.0	0.28	0.5	0.02	4.0–50	0.16–0.97	10.0	32.81
SRPE-8-0	7TCG054090R0238	8.0	0.31	10.8	0.43	0.5	0.02	6.0–60	0.24–25.59	10.0	32.81
SRPE-10-0	7TCG054090R0216	10.0	0.39	11.4	0.44	0.8	0.03	7.5–60	0.30–25.59	10.0	32.81
SRPE-12-0	7TCG054090R0220	12.0	0.47	13.9	0.55	0.9	0.04	9.0–65	0.35–2.56	10.0	32.81
SRPE-15-0	7TCG054090R0222	15.0	0.59	15.0	0.59	1.0	0.04	12.0–70	0.47–2.76	10.0	32.81
SRPE-19-0	7TCG054090R0224	19.0	0.75	18.2	0.72	1.3	0.05	15.0–100	0.59–3.94	10.0	32.81
SRPE-24-0	7TCG054090R0226	24.0	0.94	19.6	0.77	1.5	0.06	20.0–130	0.79–5.12	10.0	32.81

### Dimensions





# Product ordering and information

## Extruded grommeting



### Characteristics

- Used to line panel edges and knock-outs where potential chafing of passing wires is a concern
- Available in 8 stock sizes in 30.5 mm (100.07 ft) lengths for panels from 1 mm to 6.35 mm (0.04" to 0.25")
- In most applications, grommeting will grip tightly by itself, if not, a drop of epoxy will keep it in place

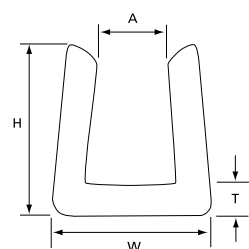
### Technical information

- Material: Polyamide 6.6
- Temperature range: -40 °C to +85 °C (-40 °F to 185 °F)
- Color: Natural or black
- Flammability rating: UL 94 V-2
- Other properties: Halogen free, silicone free

### Extruded grommeting

Cat. no.	GID no.	Dimensions									
		Internal width A		Thickness T		H		W		Length per reel	
		[mm]	[in]	[mm]	[in]	[mm]	[in]	[mm]	[in]	[m]	[ft]
<b>Natural</b>											
GRNY-040-9-C	7TAG009750R0018	1.01	0.04	1.01	0.04	4.82	0.19	3.17	0.12	30.5	100.07
GRNY-052-9-C	7TAG009750R0021	1.32	0.05	1.01	0.04	4.82	0.19	3.17	0.12	30.5	100.07
GRNY-062-9-C	7TAG009750R0023	1.57	0.06	1.14	0.04	5.08	0.2	4.32	0.17	30.5	100.07
GRNY-085-9-C	7TAG009750R0026	2.15	0.08	1.14	0.04	5.08	0.2	4.32	0.17	30.5	100.07
GRNY-100-9-C	7TAG009750R0028	2.54	0.1	1.14	0.04	5.58	0.22	5.33	0.21	30.5	100.07
GRNY-125-9-C	7TAG009750R0031	3.17	0.12	1.27	0.05	5.58	0.22	5.23	0.21	30.5	100.07
GRNY-187-9-C	7TAG009750R0033	4.74	0.19	1.27	0.05	6.85	0.27	6.98	0.27	30.5	100.07
GRNY-250-9-C	7TAG009750R0035	6.35	0.25	1.27	0.05	7.11	0.28	9.39	0.37	30.5	100.07
<b>Black</b>											
GRNY-040-0-C	7TAG009750R0017	1.01	0.04	1.01	0.04	4.82	0.19	3.17	0.12	30.5	100.07
GRNY-052-0-C	7TAG009750R0019	1.32	0.05	1.01	0.04	4.82	0.19	3.17	0.12	30.5	100.07
GRNY-062-0-C	7TAG009750R0022	1.57	0.06	1.14	0.04	5.08	0.2	4.32	0.17	30.5	100.07
GRNY-085-0-C	7TAG009750R0024	2.15	0.08	1.14	0.04	5.08	0.2	4.32	0.17	30.5	100.07
GRNY-100-0-C	7TAG009750R0027	2.54	0.1	1.14	0.04	5.58	0.22	5.33	0.21	30.5	100.07
GRNY-125-0-C	7TAG009750R0029	3.17	0.12	1.27	0.05	5.58	0.22	5.23	0.21	30.5	100.07
GRNY-187-0-C	7TAG009750R0032	4.74	0.19	1.27	0.05	6.85	0.27	6.85	0.27	30.5	100.07
GRNY-250-0-C	7TAG009750R0034	6.35	0.25	1.27	0.05	7.11	0.28	9.39	0.37	30.5	100.07

### Dimensions



# Product ordering and information





## Accessories

Trust ABB for all your wiring accessories

**Accessories include:**

- Divider walls, enabling multiple channels to be created within a duct channel
- Universal mounting clips that secure channels and wires
- Corner strips that keep corners rigid at tee junctions when used for control panel applications
- Joining strips to unite sections of duct and keep the wall rigid
- Plastic rivets for securing ducts quickly and easily

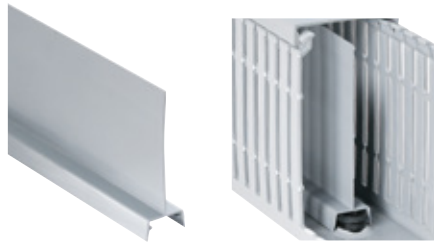
 = space for color identifier:

- G = Gray 
- W = White 
- B = Black 
- I = Intrinsic blue 

### Divider wall

**Create multiple channels inside wiring ducts.**

- Separates high and low voltage to reduce shortages and interference
- Mount inside any Ty-Duct PVC wiring duct using universal mounting clips
- Score lines enable sections to be removed
- Solid and wide slotted style



Cat. no.	Description	Length (ft.)	Std. ctn. qty.
TY1D[ ][ ]6	1" High wall divider	6	120
TY1.5D[ ][ ]6	1.5" High wall divider	6	120
TY2D[ ][ ]6	2" High wall divider	6	120
TY3D[ ][ ]6	3" High wall divider	6	120
TY4D[ ][ ]6	4" High wall divider	6	120
TY5D[ ][ ]6	5" High wall divider	6	120

+ Catalog number must be completed by adding suffix SP for solid or WP for wide slot.  
 Example: TY2DSPG6 is a 2" high solid wall gray divider.

### Universal mounting clips

**One size fits all.**

- Added before or after the duct is in place, without additional hardware
- Twists into place — holds securely
- Installs easily using a screwdriver
- Accommodates up to 40 lb. cable ties
- Black polycarbonate construction



Cat. no.	Description	Qty.
UMC	Universal fastener mount	100 pk

## Corner strips

**Install smooth round corners on your wiring duct.**

- Constructed of rigid PVC
- One-piece design makes installation a snap
- Works with any Ty-Duct wiring duct
- Select from a variety of sizes



Cat. no.	Description	Length (ft.)	Std. ctn. qty.
TYCS[_]6	Corner strip	6	120

+ Catalog number must be completed by adding suffix G for gray, W for white, I for intrinsic blue, B for black.  
 Example: TYCSG6 is a gray corner strip.

## Joining strips

**Join duct sections easily.**

- Slides on duct
- Constructed of rigid PVC
- One-piece design makes installation easy
- Works with any Ty-Duct wiring duct



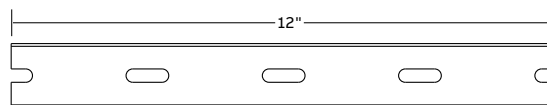
Cat. no.	Description	Length (ft.)	Std. ctn. qty.
TYJC[_]6	Joining strip	6	120

+ Catalog number must be completed by adding suffix G for gray, W for white, I for intrinsic blue, B for black.  
 Example: TYJCG6 is a gray joining strip.

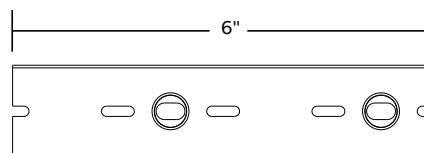
## Plastic rivets

**Plastic rivets make mounting ducts easy.**

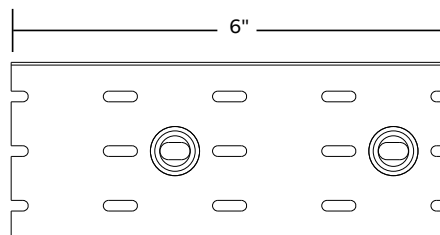
- Fast installation
- Durable and economical
- One size



Minimum mounting rivet distance for ducts of 0.75" and 1" wide.



Minimum mounting rivet distance for ducts 1.5" wide.



Minimum mounting rivet distance for ducts greater than 1.5" wide. Installed top and bottom.

Cat. no.	Description	Qty.
08200C	3/16" Plastic rivet	100 pk

# Product ordering and information

## Accessories

### Wire retainer

**Holds wires in place for faster, easier installation and routing.**

- One size fits all
- Comes in gray and clear plastic to blend with any duct color
- Size is 2.5"L and 0.281" x 0.18"

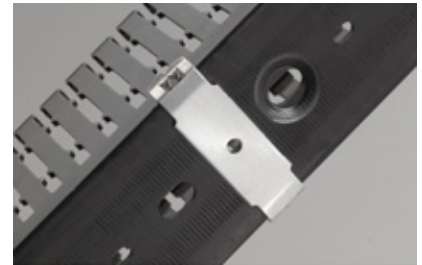


Cat. no.	Description	Qty.
TYWRC	Wire retainer, clear	100
TYWRG	Wire retainer, gray	100

### Mounting clips

**Ideal for high-temperature environments.**

- Speeds duct mounting
- Enables duct removal
- Provides a stand-off between panel and duct to prevent direct heat transfer — ideal for high temperature environments



Cat. no.	Width (in.)	Std. ctn. qty.
TY1MC	1	100
TY15MC	1.5	100
TY2MC	2	100
TY3MC	3	100

All are 0.75" D x 0.35" H and made of Type 316 stainless steel.



# Product ordering and information

## Tools

The wiring duct tools you need for every application.

### Tools include:

- Duct cutting tools for a clean professional finish
- Finger cutting tools that make modifications simple
- Notching tools for duct sidewalls to facilitate tee and corner junctions
- Benchmark cutting tools for fast, high volume duct cutting
- Rivet installation tools for quick duct mounting

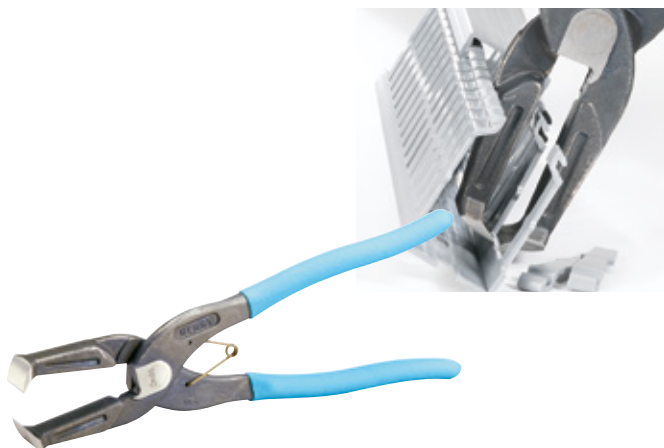


### Duct/cover cutting tool

#### Lightweight and durable.

- All-steel construction
- Sharp cutting surface
- Replaceable blades available
- Improved performance

Cat. no.	Description
SX-25TB	Handheld duct cutter — long



### Finger cutting tool

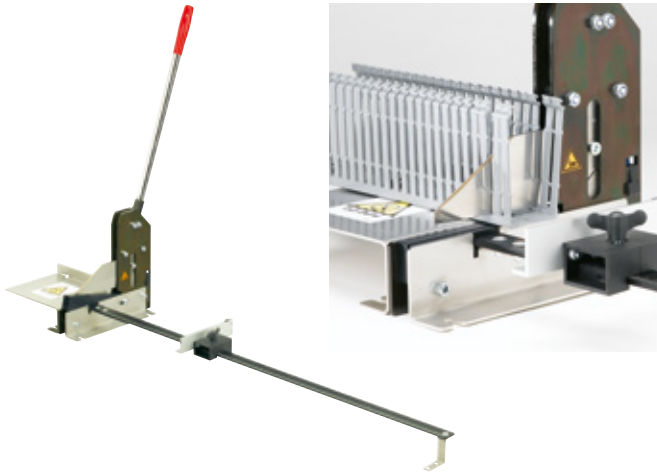
#### Cut duct fingers easily.

- Rugged die-cast construction with insulated handles for a comfortable, non-slip grip
- Removes duct fingers in tight places
- Works with all slotted wiring duct
- Also cuts round and solid wall duct
- Spring loaded

Cat. no.	Description
DK-65TB	Duct finger cutter

# Product ordering and information

## Tools



### Bench-mount cutting tool

**For fast, high volume duct cutting.**

- Engineered for use with Ty-Duct plastic wiring ducts and covers
- All-steel construction lasts for years
- Adjustable gauge sets the desired length of duct
- Easy-to-read measuring indicator
- Adjustable stop for easy repeated cutting

Cat. no.	Description
DC-125TB	Bench-mount duct cutter

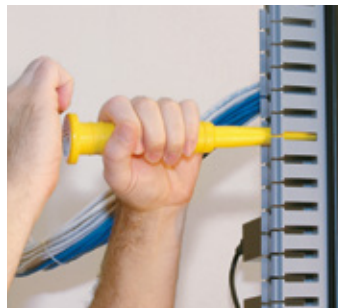


### Notching tool

**Notch duct sidewalls fast.**

- Notches sidewalls to bottom scoreline
- Facilitates tee and corner junctions
- Rugged design
- Easy to use
- Spring loaded

Cat. no.	Description
DNT-100TB	Duct notching tool



### Rivet installation tool

**Mount ducts quickly.**

- Use for setting duct rivets
- Pressure on the tool head secures the rivet in place

For duct rivets, see page 23.



Cat. no.	Description
08205	08200 Series rivet installation tool

For any inquiries, please contact your ABB sales representative.

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# Appendix

<b>028–029</b>	<b>Technical information</b>
<b>030–033</b>	<b>Dimensional information</b>
<b>034</b>	<b>Industry standards and certifications</b>
<b>035–036</b>	<b>Catalog number index</b>

# Appendix

## Technical information

—  
Wiring duct — wire fill capacity

NOTE: Wire fill is based on 50% fill of duct area.

Nominal duct size (inches)	Area H (inches <sup>2</sup> )	Electrical											Data cable				
		8 AWG		10 AWG		12 AWG		14 AWG		16 AWG		18 AWG		22 AWG	24 AWG	0.25	0.422
		0.216	0.153	0.122	0.158	0.105	0.139	0.165	0.096	0.125	0.084	0.113	0.065	0.217	UTP/CM CAT5E	UTP/CM CAT6	UTP/CM
0.75 x 1.00	0.750	5	9	14	9	19	11	8	23	14	30	17	51	5	3	1	
0.75 x 1.50	1.125	7	14	22	13	29	17	12	35	21	46	25	76	7	5	2	
0.75 x 2.00	1.500	9	18	29	17	39	22	16	47	27	61	34	101	9	7	2	
1.00 x 1.00	1.000	6	12	19	11	26	15	10	31	18	40	22	68	6	5	2	
1.00 x 1.50	1.500	9	18	29	17	39	22	16	47	27	61	34	101	9	7	2	
1.00 x 2.00	2.000	12	24	38	23	52	30	21	62	37	81	45	135	12	9	3	
1.00 x 3.00	3.000	18	37	58	34	78	44	31	93	55	121	67	203	18	14	5	
1.00 x 4.00	4.000	24	49	77	46	104	59	42	124	73	162	90	270	24	18	6	
1.50 x 1.00	1.500	9	18	29	17	39	22	16	47	27	61	34	101	9	7	2	
1.50 x 1.50	2.250	14	27	43	26	58	33	24	70	41	91	50	152	14	10	4	
1.50 x 2.00	3.000	18	37	58	34	78	44	31	93	55	121	67	203	18	14	5	
1.50 x 3.00	4.500	27	55	86	52	117	67	47	140	82	182	101	304	27	21	7	
1.50 x 4.00	6.000	36	73	115	69	155	89	63	186	110	243	134	406	36	27	10	
2.00 x 1.00	2.000	12	24	38	23	52	30	21	62	37	81	45	135	12	9	3	
2.00 x 1.50	3.000	18	37	58	34	78	44	31	93	55	121	67	203	18	14	5	
2.00 x 2.00	4.000	24	49	77	46	104	59	42	124	73	162	90	270	24	18	6	
2.00 x 3.00	6.000	36	73	115	69	155	89	63	186	110	243	134	406	36	27	10	
2.00 x 4.00	8.000	48	98	154	92	207	118	84	248	146	324	179	541	49	37	13	
2.00 x 5.00	10.000	60	122	192	114	259	148	105	310	183	405	224	676	61	46	16	
2.50 x 2.00	5.000	30	61	96	57	130	74	52	155	91	202	112	338	30	23	8	
2.50 x 3.00	7.500	45	92	144	86	194	111	79	233	137	304	168	507	46	34	12	
2.50 x 4.00	10.000	60	122	192	114	259	148	105	310	183	405	224	676	61	46	16	
3.00 x 1.00	3.000	18	37	58	34	78	44	31	93	55	121	67	203	18	14	5	
3.00 x 2.00	6.000	36	73	115	69	155	89	63	186	110	243	134	406	36	27	10	
3.00 x 3.00	9.000	54	110	173	103	233	133	94	279	165	364	201	609	55	41	14	
3.00 x 4.00	12.000	72	146	230	137	311	177	126	372	219	486	269	811	73	55	19	
3.00 x 5.00	15.000	90	183	288	172	389	222	157	465	274	607	336	1014	91	69	24	
4.00 x 1.50	6.000	36	73	115	69	155	89	63	186	110	243	134	406	36	27	10	
4.00 x 2.00	8.000	48	98	154	92	207	118	84	248	146	324	179	541	49	37	13	
4.00 x 3.00	12.000	72	146	230	137	311	177	126	372	219	486	269	811	73	55	19	
4.00 x 4.00	16.000	96	195	307	183	415	237	168	496	293	648	358	1082	97	73	26	
4.00 x 5.00	20.000	120	244	384	229	518	296	210	620	366	810	448	1352	121	91	32	
6.00 x 4.00	24.000	144	293	461	275	622	355	252	744	439	972	537	1623	146	110	39	

**Formula for calculating fill capacity**

$$\text{Number of wires} = \frac{\text{Duct W x H}}{1.75 \times (\text{Wire O.D.})^2} / 2$$



—  
**Properties of materials used in wiring duct**

Property	Units	ASTM test	PVC	Halogen-free
Specific gravity	–	D792	1.43	1.10
IZOD	ft.-lb./in.	D256	2	5.0
Flexural strength	psi	D790	10,900	12,800
Flexural modulus	psi	D790	382,000	360,000
Tensile strength	psi	D638	5,500	7,800
Compressive strength	psi	D695	8,600	16,000
Water absorption	24 hrs.–%	D570	0.10	0.07
Hardness	Rockwell	D785	R-111	R-115
	Duro D	D676	78	–
Dielectric strength	–	D149	–	–
	60Hz, 25° C, s/t	vpm	–	400
Dielectric constant	–	D150	–	–
	60Hz, Dry	–	1.9	2.65
	1MHz, Dry	–	–	2.64
Volume resistivity	ohm-cm	D257	–	1017
Heat deflecting (° F@ 264 psi)	° F	D648	158	212
Flammability	–	–	94 V-O	94 V-1

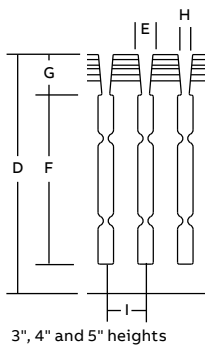
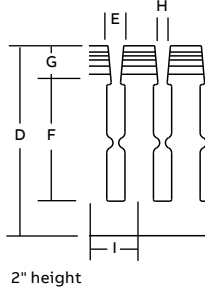
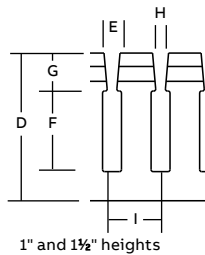
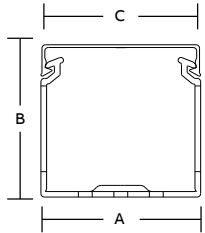
Note: The user should check the applicable specifications to verify values.

## Rigid polyvinyl chloride (PVC)

- General-purpose material for indoor applications
- UL flammability rating of V-0
- UL94 recognized for use in temperatures up to 60 °C (140 °F)
- Economical wiring duct material

# Appendix

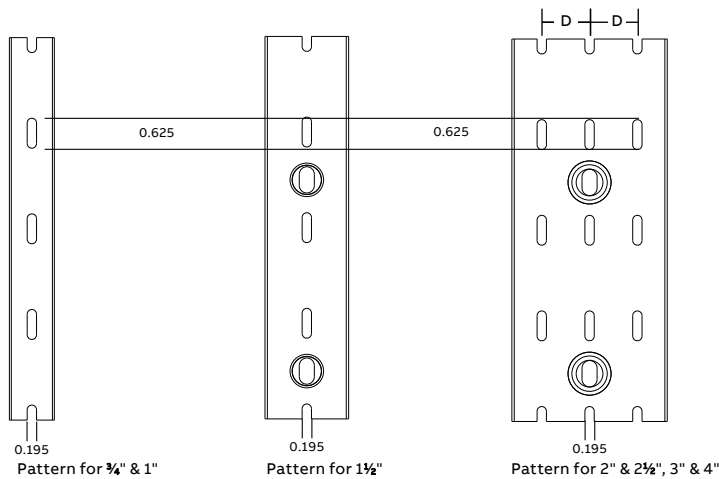
## Dimensional information



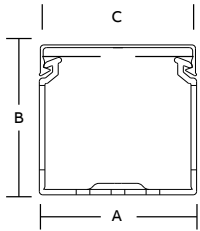
Narrow slot PVC wiring duct dimensions

Trade size (in.)		Dimensions (in.)									
W		H	A	B	C	D	E	F	G	H	I
0.75	x	1.50	0.94	1.60	0.94	1.50	0.20	0.93	0.27	0.10	0.50
1.00	x	1.00	1.25	1.14	1.25	1.03	0.20	0.52	0.26	0.10	0.50
1.00	x	1.50	1.25	1.60	1.25	1.50	0.20	0.93	0.27	0.10	0.50
1.00	x	2.00	1.25	2.10	1.25	2.01	0.20	1.36	0.28	0.10	0.50
1.00	x	3.00	1.25	3.05	1.25	2.99	0.20	2.31	0.32	0.10	0.50
1.00	x	4.00	1.25	4.37	1.25	4.32	0.20	3.63	0.32	0.10	0.50
1.50	x	1.00	1.75	1.14	1.75	1.03	0.20	0.52	0.26	0.10	0.50
1.50	x	1.50	1.75	1.60	1.75	1.50	0.20	0.93	0.27	0.10	0.50
1.50	x	2.00	1.75	2.10	1.75	2.01	0.20	1.36	0.29	0.10	0.50
1.50	x	3.00	1.75	3.05	1.75	2.99	0.20	2.28	0.34	0.10	0.50
1.50	x	4.00	1.75	4.37	1.75	4.32	0.20	3.63	0.32	0.10	0.50
2.00	x	1.00	2.25	1.24	2.25	1.05	0.20	0.52	0.28	0.10	0.50
2.00	x	1.50	2.25	1.70	2.25	1.52	0.20	0.93	0.29	0.10	0.50
2.00	x	2.00	2.25	2.19	2.25	2.03	0.20	1.36	0.30	0.10	0.50
2.00	x	3.00	2.25	3.14	2.25	3.00	0.20	2.31	0.33	0.10	0.50
2.00	x	4.00	2.25	4.46	2.25	4.33	0.20	3.63	0.33	0.10	0.50
2.00	x	5.00	2.25	5.15	2.25	5.02	0.20	4.31	0.34	0.10	0.50
2.50	x	2.00	2.75	2.19	2.75	2.03	0.20	1.36	0.30	0.10	0.50
2.50	x	3.00	2.75	3.14	2.75	3.00	0.20	2.31	0.33	0.10	0.50
2.50	x	4.00	2.75	4.46	2.75	4.33	0.20	3.63	0.33	0.10	0.50
3.00	x	1.00	3.25	1.24	3.25	1.06	0.20	0.52	0.29	0.10	0.50
3.00	x	2.00	3.25	2.19	3.25	2.08	0.20	1.36	0.35	0.10	0.50
3.00	x	3.00	3.25	3.14	3.25	3.06	0.20	2.31	0.38	0.10	0.50
3.00	x	4.00	3.25	4.46	3.25	4.39	0.20	3.63	0.39	0.10	0.50
3.00	x	5.00	3.25	5.15	3.25	5.06	0.20	4.31	0.38	0.10	0.50
4.00	x	2.00	4.25	2.19	4.25	2.08	0.20	1.36	0.35	0.10	0.50
4.00	x	3.00	4.25	3.14	4.25	3.06	0.20	2.31	0.38	0.10	0.50
4.00	x	4.00	4.25	4.46	4.25	4.39	0.20	3.63	0.39	0.10	0.50
4.00	x	5.00	4.25	5.15	4.25	5.06	0.20	4.31	0.38	0.10	0.50

Dimensions shown are for reference only. For complete dimensional and mounting hole patterns, contact your local sales office.



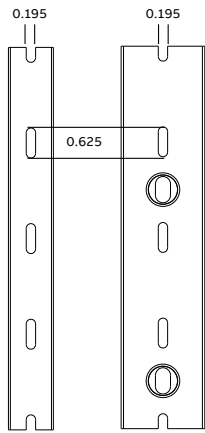
Duct width (in.)	D (in.)
2	0.50
2.5	0.75
3	1.00
4	1.50



Wide slot PVC wiring duct dimensions

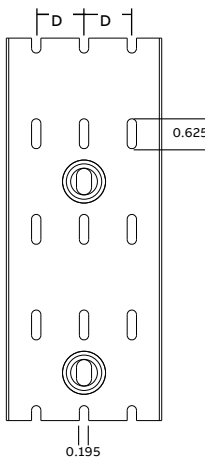
Trade size (in.)		Dimensions (in.)									
W	H	A	B	C	D	E	F	G	H	I	
0.75	x	1.00	0.94	1.14	0.94	1.03	0.30	0.52	0.26	0.10	0.80
0.75	x	1.50	0.94	1.60	0.94	1.50	0.30	0.93	0.27	0.10	0.80
0.75	x	2.00	0.94	2.10	0.94	2.01	0.30	1.36	0.29	0.10	0.80
1.00	x	1.00	1.25	1.14	1.25	1.03	0.30	0.52	0.26	0.10	0.80
1.00	x	1.50	1.25	1.60	1.25	1.50	0.30	0.93	0.27	0.10	0.80
1.00	x	2.00	1.25	2.10	1.25	2.01	0.30	1.36	0.28	0.10	0.80
1.00	x	3.00	1.25	3.05	1.25	2.99	0.30	2.31	0.32	0.10	1.00
1.00	x	4.00	1.25	4.37	1.25	4.32	0.30	3.63	0.32	0.10	1.00
1.50	x	1.00	1.75	1.14	1.75	1.03	0.30	0.52	0.26	0.10	0.80
1.50	x	1.50	1.75	1.60	1.75	1.50	0.30	0.93	0.27	0.10	0.80
1.50	x	2.00	1.75	2.10	1.75	2.01	0.30	1.36	0.29	0.10	0.80
1.50	x	3.00	1.75	3.05	1.75	2.99	0.30	2.28	0.34	0.10	1.00
1.50	x	4.00	1.75	4.37	1.75	4.32	0.30	3.63	0.32	0.10	1.00
2.00	x	1.00	2.25	1.24	2.25	1.05	0.30	0.52	0.28	0.10	0.80
2.00	x	1.50	2.25	1.70	2.25	1.52	0.30	0.93	0.29	0.10	0.80
2.00	x	2.00	2.25	2.19	2.25	2.03	0.30	1.36	0.30	0.10	0.80
2.00	x	3.00	2.25	3.14	2.25	3.00	0.30	2.31	0.33	0.10	1.00
2.00	x	4.00	2.25	4.46	2.25	4.33	0.30	3.63	0.33	0.10	1.00
2.00	x	5.00	2.25	5.15	2.25	5.02	0.38	4.31	0.34	0.10	1.33
2.50	x	2.00	2.75	2.19	2.75	2.03	0.30	1.36	0.30	0.10	0.80
2.50	x	3.00	2.75	3.14	2.75	3.00	0.30	2.31	0.33	0.10	1.00
2.50	x	4.00	2.75	4.46	2.75	4.33	0.30	3.63	0.33	0.10	1.00
3.00	x	1.00	3.25	1.24	3.25	1.06	0.30	0.52	0.29	0.10	0.80
3.00	x	2.00	3.25	2.19	3.25	2.08	0.30	1.36	0.35	0.10	0.80
3.00	x	3.00	3.25	3.14	3.25	3.06	0.30	2.31	0.38	0.10	1.00
3.00	x	4.00	3.25	4.46	3.25	4.39	0.30	3.63	0.39	0.10	1.00
3.00	x	5.00	3.25	5.15	3.25	5.06	0.38	4.31	0.38	0.10	1.33
4.00	x	1.50	4.25	1.70	4.25	1.57	0.30	0.93	0.34	0.10	0.80
4.00	x	2.00	4.25	2.19	4.25	2.08	0.30	1.36	0.35	0.10	0.80
4.00	x	3.00	4.25	3.14	4.25	3.06	0.30	2.31	0.38	0.10	1.00
4.00	x	4.00	4.25	4.46	4.25	4.39	0.30	3.63	0.39	0.10	1.00
4.00	x	5.00	4.25	5.15	4.25	5.06	0.38	4.31	0.38	0.10	1.33
6.00	x	4.00	6.25	4.46	6.25	4.39	0.30	3.63	0.39	0.10	1.00

Dimensions shown are for reference only. For complete dimensional and mounting hole patterns, contact your local sales office.



Pattern for 3/4" & 1"

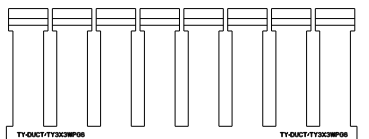
Pattern for 1 1/2"



Pattern for 2", 2 1/2", 3", 4" & 6"



3/4" x 1 1/2"

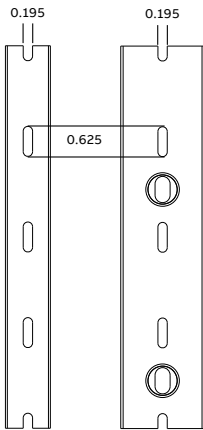
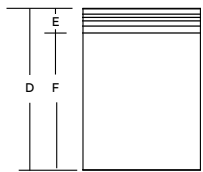
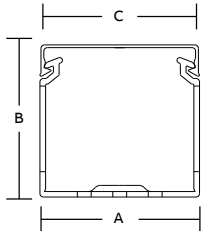


3" x 3"

Duct width (in.)	D (in.)
2	0.50
2.5	0.75
3	1.00
4	1.50
6	2.50

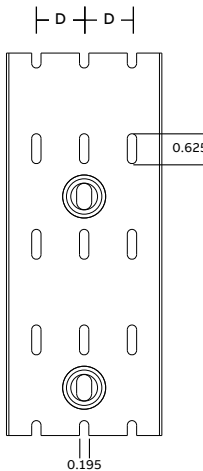
# Appendix

## Dimensional information



Pattern for 3/4" & 1"

Pattern for 1 1/2"



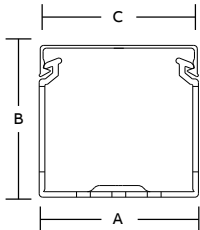
Pattern for 2", 2 1/2", 3", 4" & 6"

**Solid wall PVC wiring duct dimensions**

Trade size (in.)		Dimensions (in.)						
W		H	A	B	C	D	E	F
0.75	x	1.00	0.94	1.14	0.94	1.03	0.26	0.77
0.75	x	1.50	0.94	1.60	0.94	1.50	0.27	1.23
0.75	x	2.00	0.94	2.10	0.94	2.01	0.29	1.73
1.00	x	1.00	1.25	1.14	1.25	1.03	0.26	0.77
1.00	x	1.50	1.25	1.60	1.25	1.50	0.27	1.23
1.00	x	2.00	1.25	2.10	1.25	2.01	0.28	1.73
1.00	x	3.00	1.25	3.05	1.25	2.99	0.32	2.68
1.00	x	4.00	1.25	4.37	1.25	4.32	0.32	4.00
1.50	x	1.00	1.75	1.14	1.75	1.03	0.26	0.77
1.50	x	1.50	1.75	1.60	1.75	1.50	0.27	1.23
1.50	x	2.00	1.75	2.10	1.75	2.01	0.29	1.73
1.50	x	3.00	1.75	3.05	1.75	2.99	0.34	2.65
1.50	x	4.00	1.75	4.37	1.75	4.32	0.32	4.00
2.00	x	1.00	2.25	1.24	2.25	1.05	0.28	0.77
2.00	x	1.50	2.25	1.70	2.25	1.52	0.29	1.23
2.00	x	2.00	2.25	2.19	2.25	2.03	0.30	1.73
2.00	x	3.00	2.25	3.14	2.25	3.00	0.33	2.68
2.00	x	4.00	2.25	4.46	2.25	4.33	0.33	4.00
2.00	x	5.00	2.25	5.15	2.25	5.02	0.34	4.68
2.50	x	2.00	2.75	2.19	2.75	2.03	0.30	1.73
2.50	x	3.00	2.75	3.14	2.75	3.00	0.33	2.68
2.50	x	4.00	2.75	4.46	2.75	4.33	0.33	4.00
3.00	x	1.00	3.25	1.24	3.25	1.06	0.29	0.77
3.00	x	2.00	3.25	2.19	3.25	2.08	0.35	1.73
3.00	x	3.00	3.25	3.14	3.25	3.06	0.38	2.68
3.00	x	4.00	3.25	4.46	3.25	4.39	0.39	4.00
3.00	x	5.00	3.25	5.15	3.25	5.06	0.38	4.68
4.00	x	1.50	4.25	1.70	4.25	1.57	0.34	1.23
4.00	x	2.00	4.25	2.19	4.25	2.08	0.35	1.73
4.00	x	3.00	4.25	3.14	4.25	3.06	0.38	2.68
4.00	x	4.00	4.25	4.46	4.25	4.39	0.39	4.00
4.00	x	5.00	4.25	5.15	4.25	5.06	0.38	4.68
6.00	x	4.00	6.25	4.46	6.25	4.39	0.39	4.00

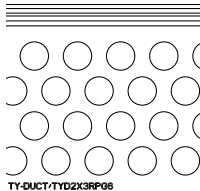
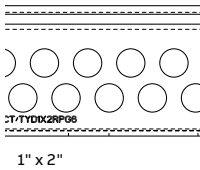
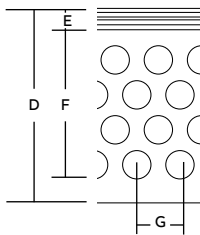
Dimensions shown are for reference only. For complete dimensional and mounting hole patterns, contact your local sales office.

Duct width (in.)	D (in.)
2	0.50
2.5	0.75
3	1.00
4	1.50
6	2.50

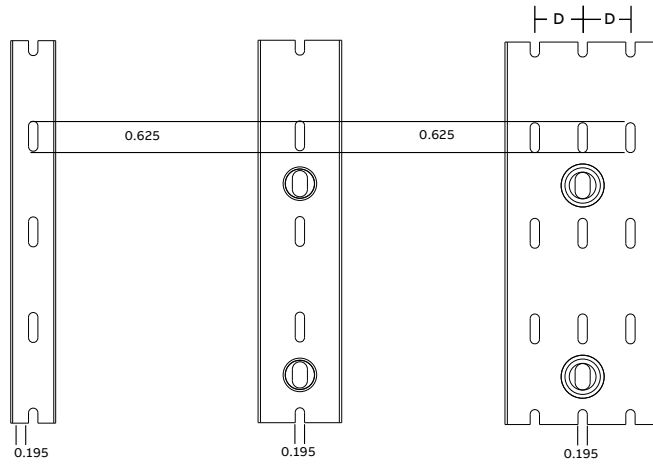


Round hole PVC wiring duct dimensions

Trade size (in.)		Dimensions (in.)								Rows of holes
W		H	A	B	C	D	E	F	G	
1.00	x	1.50	1.25	1.60	1.25	1.50	0.27	1.23	0.67	2
1.00	x	2.00	1.25	2.10	1.25	2.01	0.28	1.73	0.67	2
1.00	x	3.00	1.25	3.05	1.25	2.99	0.32	2.68	0.67	4
1.00	x	4.00	1.25	4.37	1.25	4.32	0.32	4.00	0.67	6
1.50	x	1.00	1.75	1.14	1.75	1.03	0.26	0.77	0.67	2
1.50	x	1.50	1.75	1.60	1.75	1.50	0.27	1.23	0.67	2
1.50	x	2.00	1.75	2.10	1.75	2.01	0.29	1.73	0.67	2
1.50	x	3.00	1.75	3.05	1.75	2.99	0.34	2.65	0.67	4
1.50	x	4.00	1.75	4.37	1.75	4.32	0.32	4.00	0.67	6
2.00	x	1.50	2.25	1.70	2.25	1.52	0.29	1.23	0.67	2
2.00	x	2.00	2.25	2.19	2.25	2.03	0.30	1.73	0.67	2
2.00	x	3.00	2.25	3.14	2.25	3.00	0.33	2.68	0.67	4
2.00	x	4.00	2.25	4.46	2.25	4.33	0.33	4.00	0.67	6
3.00	x	2.00	3.25	2.19	3.25	2.08	0.35	1.73	0.67	2
3.00	x	3.00	3.25	3.14	3.25	3.06	0.38	2.68	0.67	4
3.00	x	4.00	3.25	4.46	3.25	4.39	0.39	4.00	0.67	6
4.00	x	1.50	4.25	1.70	4.25	1.57	0.34	1.23	0.67	2
4.00	x	2.00	4.25	2.19	4.25	2.08	0.35	1.73	0.67	2
4.00	x	3.00	4.25	3.14	4.25	3.06	0.38	2.68	0.67	4
4.00	x	4.00	4.25	4.46	4.25	4.39	0.39	4.00	0.67	6



Dimensions shown are for reference only. For complete dimensional and mounting hole patterns, contact your local sales office.



Pattern for 3/4" & 1"      Pattern for 1 1/2"      Pattern for 2" & 2 1/2", 3" & 4"

Duct width (in.)	D (in.)
2	0.50
2.5	0.75
3	1.00
4	1.50



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# Appendix

## Industry standards and certifications

Ty-Duct wiring duct meets all of the prominent agency approvals and standards.

### Agency approvals:



Ty-Duct wiring duct is UL recognized for all requirements set forth in UL standard 1565 "Positioning Device."



The Ty-Duct wiring duct meets all applicable requirements of the Canadian Standard Association as described in CSA C22.2 No. 18.5.



All Ty-Duct wiring duct components comply with the European Directives for CE (Conformite European) Marking.

### Standards:

#### UL 508/UL 508A

As required in UL 508/UL 508A a factory-installed conductor shall be separated from a conductor used in a different circuit when the conductors are not insulated for the maximum voltage of either circuit. The Ty-Duct wiring duct with a divider wall creates the required separation to meet this requirement.

All materials used in the making of the Ty-Duct wiring duct comply with the European Directives 2002/95/EC (RoHS), 2002/96/EC (WEEE), and 2003/11/EC.

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**Additional information**

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