



Table of Contents

Overview	D2–D5
Solid Wall	D6–D7
Wide Slot	D8–D9
Wide Slot – Halogen Free	D10–D11
Narrow Slot	D12–D13
Round Hole	D14–D15
Thermoplastic Metric Wiring Duct	D16–D17
Accessories	D18–D19
Wiring Duct Tools	D20–D21
Wire Fill Capacity	D22
Properties of materials used in Wiring Duct	D23
Solid Wall (PVC) – Dimensions	D24
Wide Slot (PVC) – Dimensions	D25
Narrow Slot (PVC) – Dimensions	D26
Round Slot (PVC) – Dimensions	D27
Agency Approvals and Standards	D28



Thomas & Betts' innovative new 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 wallmount panel to the larger integrated systems!

Overview

Ty-Duct™ – The versatile configurations you need for routing and concealing wiring!

Here are some of the impressive features incorporated into all of our wiring duct solutions.

Features

- Available in Solid, Wide Slot, Narrow Slot, and Round Hole versions to meet your capacity and flexibility needs
- Widths from 0.75 in. to 6 in. and depths from 1 in. to 5 in.
- 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 Slot Wiring Duct

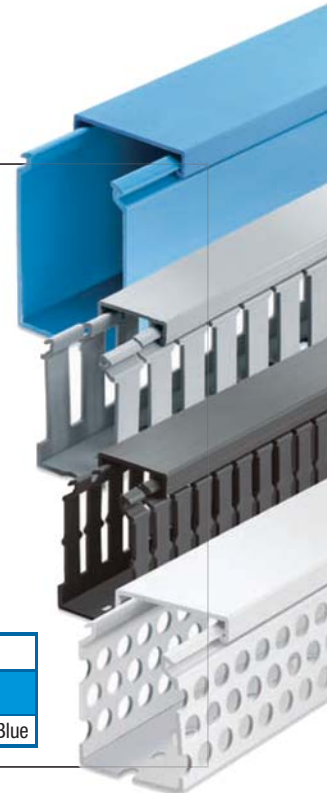
Certifications

- UL Recognized Continuous-Use Temperature: 50° C (122° F)
- UL 94 Flammability — Rating of V-0
- Conforms with NFPA 79-2002 Section 14.3.1 Requirement for Flame Retardant Material
- CE compliant for European shipping
- CSA Certified
- RoHS Compliant



Available in 4 Colours

Grey	White	Black	Intrinsic Blue



Overview



Advantages

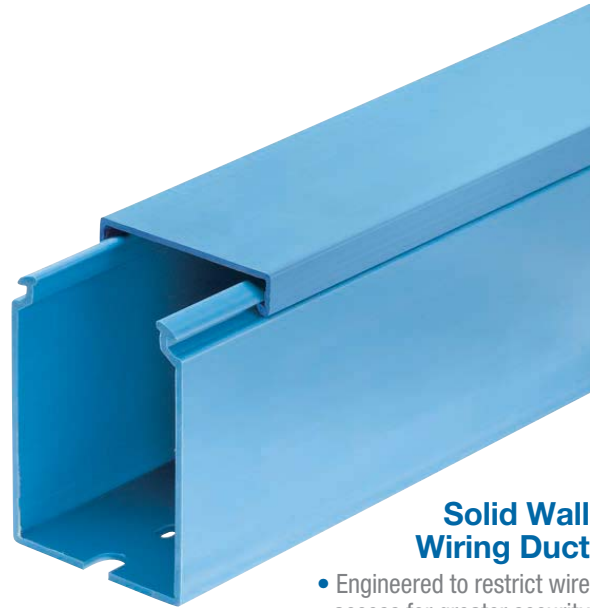
- **Two-point contact** design enables the cover to be easily installed in the right place with less force
- **Co-extruded cover** ensures the cover will stay in place and will not slip once installed
- **Smooth corners and edges** will not damage or disfigure wires
- **Flush cover design** enables greater capacity and sits flush with duct side wall
- **Triple restricted slots** speed installation while enabling better wire retaining in duct
- **Dual score lines** — Upper score line allows fingers to be broken out without tools and the lower score line allows side wall sections to be removed easily
- **V-shaped slot lead-in** funnels wires into slot for easier wire insertion
- **Staggered mounting hole pattern** (larger widths)
- **Universal Mounting Clip** secures into the 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
 - 2 slot sizes on Universal Mounting Clip accommodate traditional nylon cable ties or hook and loop fasteners
- **Slotted and Solid Divider** accommodates various wiring applications
- **Grooved cover** provides better grip for removal and placement of cover onto base
- **Writable protective film** on covers protects from work 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



Wide Slot Wiring Duct

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



Solid Wall Wiring Duct

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



Round Hole Wiring Duct

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



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

Overview

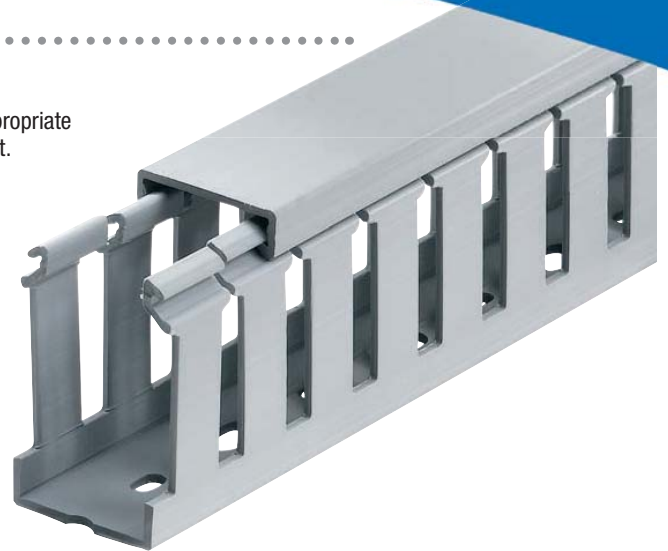
How to order Ty-Duct™

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 colour
- 2** Indicate if you want the duct without mounting holes
- 3** Indicate if you want an adhesive-backed duct (not available in Wide Slot Duct – Halogen Free)

— = space for colour identifier	
G = Grey	
W = White	
B = Black	
I = Intrinsic Blue	



3 To order **Adhesive-Backed Duct**, add suffix **A** to catalogue number.
Example: **TY75X15WPB6A** is a 0.75 in. x 1.5 in. wide slot black duct with adhesive backing.
Shelf life for adhesive is 1 year.

2 To order duct **without mounting holes**, add suffix **NM** to catalogue number.
Example: **TY75X1WPG6NM** is a 0.75 in. x 1 in. wide slot grey duct with no mounting holes.

Cat. No.	Description (in.)	Size (W x H)		Cover Cat. No.	Standard Carton Quantity		Length (ft.)
		in.	mm		Duct Std. Ctn. Qty.	Cover Std. Ctn. Qty.	
TY75X1WPG6NM	0.75 x 1 wide slot duct	0.94	1.09				
TY75X15WPB6A	0.75 x 1.5 wide slot duct	0.94	1.56	TY75CP_6	120	120	6
TY75X2WPI6	0.75 x 2 wide slot duct	0.94	2.07				

SP = Solid
WP = Wide Slot
NP = Narrow Slot
RP = Round Hole

1 Catalogue Number must be completed by adding suffix **G** for Grey, **W** for White, **I** for Intrinsic Blue, **B** for Black. Example: **TY75X2WPI6** is a 0.75 in. x 2 in. wide slot **intrinsic blue** duct. Cover colour must be specified also.

Standard lengths are **6** feet.

For Ty-Duct™ Dividers

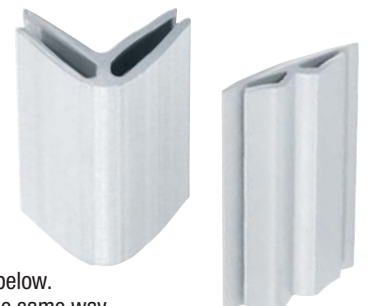


Catalogue Number must be completed by adding suffix **S** for **Solid** or **W** for **Wide Slot**.
Example: **TY2DSPG6** is a 2 in. high **solid** wall grey divider.

Cat. No.	Description	Std. Ctn. Qty.	Length (ft.)
TY2DSPG6	2 in. high wall divider	120	6

Catalogue Number must be completed by adding suffix **G** for Grey, **W** for White, **I** for Intrinsic Blue, **B** for Black. Example: **TY2DSPG6** is a 2 in. high solid wall **grey** divider.

For Ty-Duct™ Corner and Joining Strips



Corner Strip sample shown below.
Joining Strips are ordered the same way.

Cat. No.	Description	Std. Ctn. Qty.	Length (ft.)
TYCSG6	Corner Strip	120	6

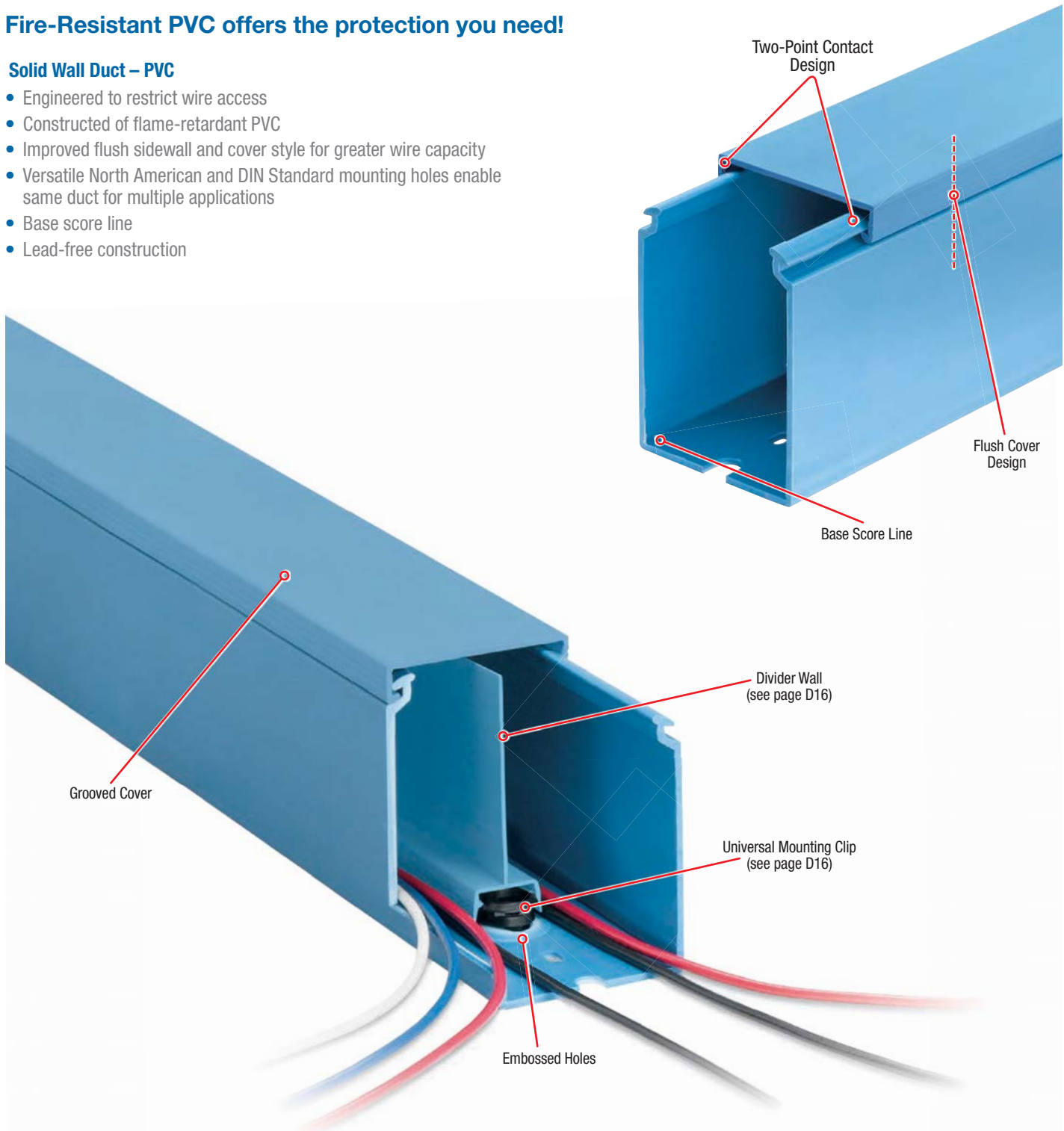
Catalogue Number must be completed by adding suffix **G** for Grey, **W** for White, **I** for Intrinsic Blue, **B** for Black.
Example: **TYCSG6** is a **grey** corner strip.

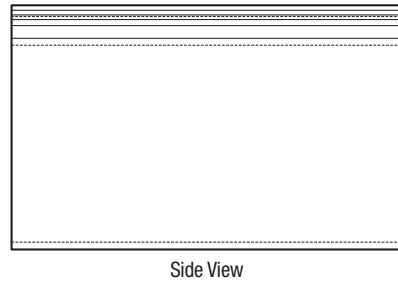
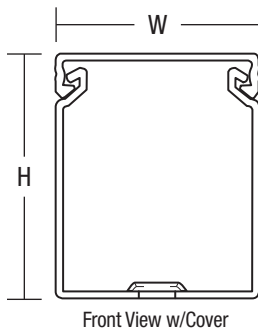
Solid Wall Duct

Fire-Resistant PVC offers the protection you need!

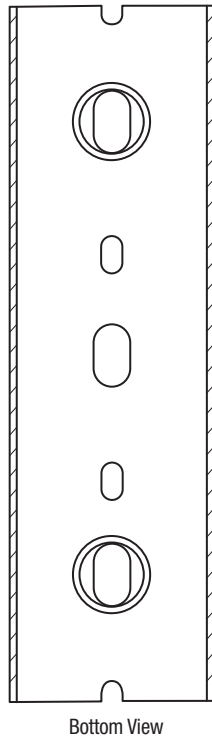
Solid Wall Duct – PVC

- Engineered to restrict wire access
- Constructed of flame-retardant PVC
- Improved flush sidewall and cover style for greater wire capacity
- Versatile North American and DIN Standard mounting holes enable same duct for multiple applications
- Base score line
- Lead-free construction





For a complete listing of Solid Wall dimensional details, see page D22



Cat. No.	Description (in.)	Size (W x H)		Cover Cat. No.	Duct Std. Ctn. Qty.	Cover Std. Ctn. Qty.	Length (ft.)
		in.	mm				
TY75X1SP_6	0.75 x 1 solid wall duct	0.94	23.9 x 29.0	TY75CP_6	120	120	6
TY75X15SP_6	0.75 x 1.5 solid wall duct	0.94	23.9 x 40.6		120		
TY75X2SP_6	0.75 x 2 solid wall duct	0.94	23.9 x 53.3		120		
TY1X1SP_6	1 x 1 solid wall duct	1.25	31.8 x 29.0	TY1CP_6	120		
TY1X15SP_6	1 x 1.5 solid wall duct	1.25	31.8 x 40.6		120		
TY1X2SP_6	1 x 2 solid wall duct	1.25	31.8 x 53.3		120		
TY1X3SP_6	1 x 3 solid wall duct	1.25	31.8 x 77.5		120		
TY1X4SP_6	1 x 4 solid wall duct	1.25	31.8 x 111.0	60	TY15CP_6	120	
TY15X1SP_6	1.5 x 1 solid wall duct	1.75	44.5 x 29.0	120			
TY15X15SP_6	1.5 x 1.5 solid wall duct	1.75	44.5 x 40.6	120			
TY15X2SP_6	1.5 x 2 solid wall duct	1.75	44.5 x 53.3	120			
TY15X3SP_6	1.5 x 3 solid wall duct	1.75	44.5 x 77.5	120	TY2CP_6	120	
TY15X4SP_6	1.5 x 4 solid wall duct	1.75	44.5 x 111.0	60			
TY2X1SP_6	2 x 1 solid wall duct	2.25	57.2 x 31.5	120			
TY2X15SP_6	2 x 1.5 solid wall duct	2.25	57.2 x 43.2	120			
TY2X2SP_6	2 x 2 solid wall duct	2.25	57.2 x 55.6	120	TY25CP_6	120	
TY2X3SP_6	2 x 3 solid wall duct	2.25	57.2 x 79.8	60			
TY2X4SP_6	2 x 4 solid wall duct	2.25	57.2 x 113.3	60			
TY2X5SP_6	2 x 5 solid wall duct	2.25	57.2 x 130.8	60			
TY25X2SP_6	2.5 x 2 solid wall duct	2.75	69.9 x 55.6	120	TY3CP_6	120	
TY25X3SP_6	2.5 x 3 solid wall duct	2.75	69.9 x 79.8	60			
TY25X4SP_6	2.5 x 4 solid wall duct	2.75	69.9 x 113.3	60			
TY3X1SP_6	3 x 1 solid wall duct	3.25	82.6 x 31.5	120	TY4CP_6	120	
TY3X2SP_6	3 x 2 solid wall duct	3.25	82.6 x 55.6	60			
TY3X3SP_6	3 x 3 solid wall duct	3.25	82.6 x 79.8	60			
TY3X4SP_6	3 x 4 solid wall duct	3.25	82.6 x 113.3	60			
TY3X5SP_6	3 x 5 solid wall duct	3.25	82.6 x 130.8	60	TY6CP_6	60	
TY4X15SP_6	4 x 1.5 solid wall duct	4.25	108.0 x 43.2	60			
TY4X2SP_6	4 x 2 solid wall duct	4.25	108.0 x 55.6	60			
TY4X3SP_6	4 x 3 solid wall duct	4.25	108.0 x 79.8	60			
TY4X4SP_6	4 x 4 solid wall duct	4.25	108.0 x 113.3	30			
TY4X5SP_6	4 x 5 solid wall duct	4.25	108.0 x 130.8	30			
TY6X4SP_6	6 x 4 solid wall duct	6.25	158.8 x 113.3	30			

_ = space for colour identifier	
G = Grey	
W = White	
B = Black	
I = Intrinsic Blue	

Standard lengths are 6 feet.

Catalogue Number must be completed by adding suffix **G** for Grey, **W** for White, **I** for Intrinsic Blue, **B** for Black.
Example: **TY75X1SPG6** is a 0.75 in. x 1 in. solid wall grey duct.

To order duct **without mounting holes**, add suffix **NM** to catalogue number.
Example: **TY75X1SPG6NM** is a 0.75 in. x 1 in. solid wall grey duct with **no mounting holes**.

To order **Adhesive-Backed Duct**, add suffix **A** to catalogue number.
Example: **TY75X1SPG6A** is a 0.75 in. x 1 in. solid wall grey duct with **adhesive backing**. Shelf life for adhesive is 1 year.

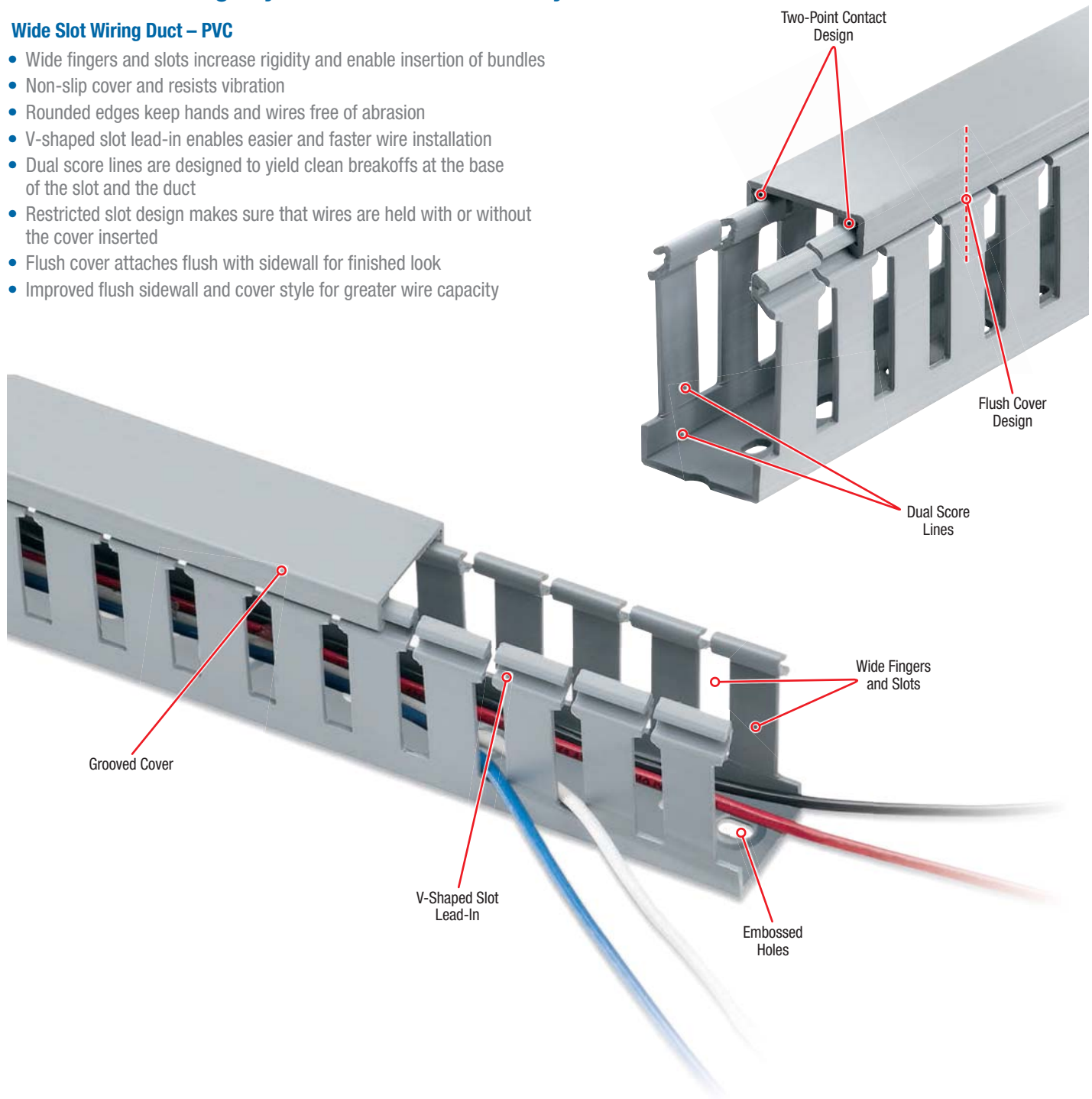
PVC vinyl duct is UL Recognized , CSA Certified and CE Compliant

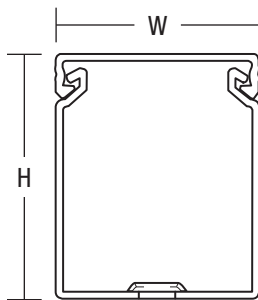
Wide Slot Wiring Duct

Greater sidewall rigidity with increased versatility!

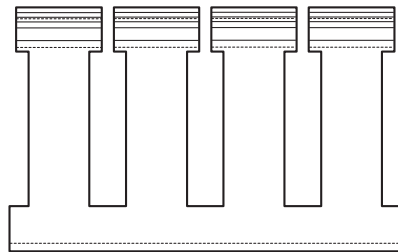
Wide Slot Wiring Duct – PVC

- Wide fingers and slots increase rigidity and enable insertion of bundles
- Non-slip cover and resists vibration
- Rounded edges keep hands and wires free of abrasion
- V-shaped slot lead-in enables easier and faster wire installation
- Dual score lines are designed to yield clean breakoffs at the base of the slot and the duct
- Restricted slot design makes sure that wires are held with or without the cover inserted
- Flush cover attaches flush with sidewall for finished look
- Improved flush sidewall and cover style for greater wire capacity



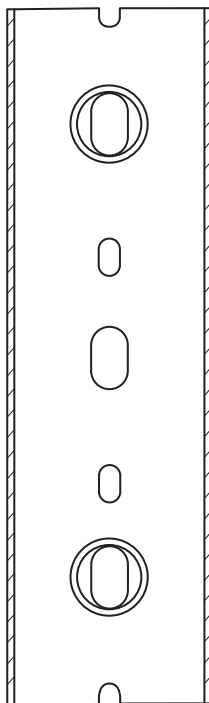


Front View w/Cover



Side View

For a complete listing of Wide Slot dimensional details, see page D23



Bottom View

Cat. No.	Description (in.)	Size (W x H)		Cover Cat. No.	Duct Std. Ctn. Qty.	Cover Std. Ctn. Qty.	Length (ft.)
		in.	mm				
TY75X1WP_6	0.75 x 1 wide slot duct	0.94 x 1.14	23.9 x 29.0	TY75CP_6	120	120	6
TY75X15WP_6	0.75 x 1.5 wide slot duct	0.94 x 1.60	23.9 x 40.6		120		
TY75X2WP_6	0.75 x 2 wide slot duct	0.94 x 2.10	23.9 x 53.3		120		
TY1X1WP_6	1 x 1 wide slot duct	1.25 x 1.14	31.8 x 29.0	TY1CP_6	120	120	
TY1X15WP_6	1 x 1.5 wide slot duct	1.25 x 1.60	31.8 x 40.6		120		
TY1X2WP_6	1 x 2 wide slot duct	1.25 x 2.10	31.8 x 53.3		120		
TY1X3WP_6	1 x 3 wide slot duct	1.25 x 3.05	31.8 x 77.5		120		
TY1X4WP_6	1 x 4 wide slot duct	1.25 x 4.37	31.8 x 111.0	60	TY15CP_6	120	
TY15X1WP_6	1.5 x 1 wide slot duct	1.75 x 1.14	44.5 x 29.0	120			
TY15X15WP_6	1.5 x 1.5 wide slot duct	1.75 x 1.60	44.5 x 40.6	120			
TY15X2WP_6	1.5 x 2 wide slot duct	1.75 x 2.10	44.5 x 53.3	120			
TY15X3WP_6	1.5 x 3 wide slot duct	1.75 x 3.05	44.5 x 77.5	120	TY2CP_6	120	
TY15X4WP_6	1.5 x 4 wide slot duct	1.75 x 4.37	44.5 x 111.0	60			
TY2X1WP_6	2 x 1 wide slot duct	2.25 x 1.24	57.2 x 31.5	120			
TY2X15WP_6	2 x 1.5 wide slot duct	2.25 x 1.70	57.2 x 43.2	120			
TY2X2WP_6	2 x 2 wide slot duct	2.25 x 2.19	57.2 x 55.6	120	TY25CP_6	120	
TY2X3WP_6	2 x 3 wide slot duct	2.25 x 3.14	57.2 x 79.8	60			
TY2X4WP_6	2 x 4 wide slot duct	2.25 x 4.46	57.2 x 113.3	60			
TY2X5WP_6	2 x 5 wide slot duct	2.25 x 5.15	57.2 x 130.8	60			
TY25X2WP_6	2.5 x 2 wide slot duct	2.75 x 2.19	69.9 x 55.6	120	TY3CP_6	120	
TY25X3WP_6	2.5 x 3 wide slot duct	2.75 x 3.14	69.9 x 79.8	60			
TY25X4WP_6	2.5 x 4 wide slot duct	2.75 x 4.46	69.9 x 113.3	60			
TY3X1WP_6	3 x 1 wide slot duct	3.25 x 1.24	82.6 x 31.5	120			
TY3X2WP_6	3 x 2 wide slot duct	3.25 x 2.19	82.6 x 55.6	60	TY4CP_6	120	
TY3X3WP_6	3 x 3 wide slot duct	3.25 x 3.14	82.6 x 79.8	60			
TY3X4WP_6	3 x 4 wide slot duct	3.25 x 4.46	82.6 x 113.3	60			
TY3X5WP_6	3 x 5 wide slot duct	3.25 x 5.15	82.6 x 130.8	60			
TY4X15WP_6	4 x 1.5 wide slot duct	4.25 x 1.70	108.0 x 43.2	60	TY6CP_6	60	
TY4X2WP_6	4 x 2 wide slot duct	4.25 x 2.19	108.0 x 55.6	60			
TY4X3WP_6	4 x 3 wide slot duct	4.25 x 3.14	108.0 x 79.8	60			
TY4X4WP_6	4 x 4 wide slot duct	4.25 x 4.46	108.0 x 113.3	30			
Y4X5WP_6	4 x 5 wide slot duct	4.25 x 5.15	108.0 x 130.8	30			
TY6X4WP_6	6 x 4 wide slot duct	6.25 x 4.46	158.8 x 113.3	30			

_ = space for colour identifier	
G = Grey	
W = White	
B = Black	
I = Intrinsic Blue	

Standard lengths are 6 feet.

Catalogue Number must be completed by adding suffix **G** for Grey, **W** for White, **I** for Intrinsic Blue, **B** for Black.
Example: TY75X1WPG6 is a 0.75 in. x 1 in. solid wall grey duct.

To order duct **without mounting holes**, add suffix **NM** to catalogue number.
Example: TY75X1WPG6NM is a 0.75 in. x 1 in. solid wall grey duct with **no mounting holes**.

To order **Adhesive-Backed Duct**, add suffix **A** to catalogue number.
Example: TY75X1WPG6A is a 0.75 in. x 1 in. solid wall grey duct with **adhesive backing**. Shelf life for adhesive is 1 year.

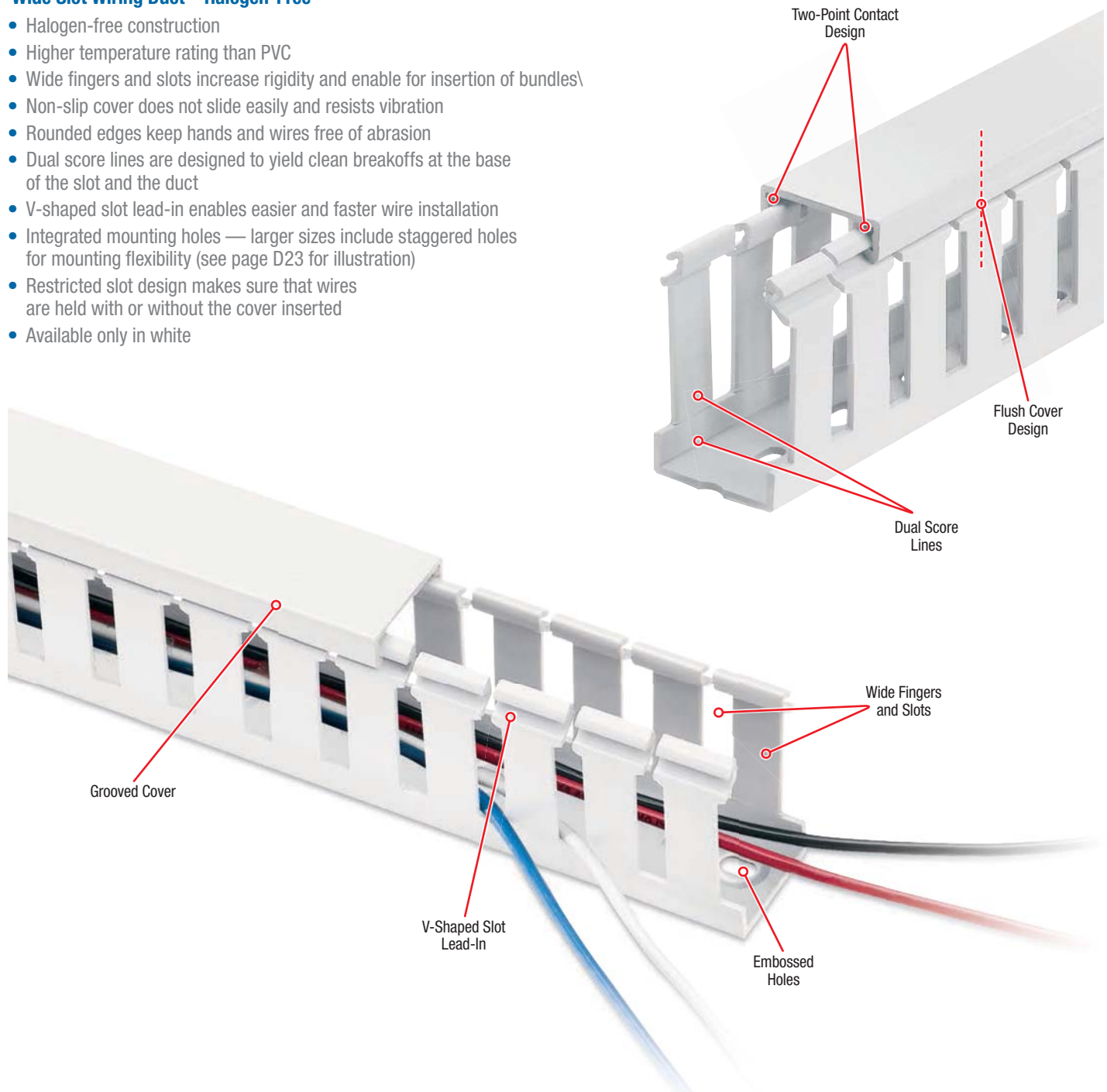
PVC vinyl duct is UL Recognized , CSA Certified and CE Compliant

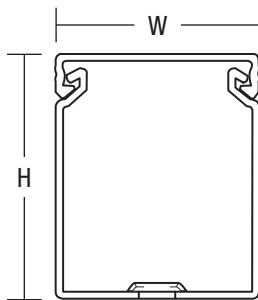
Wide Slot Wiring Duct – Halogen Free

Perfect for high-temperature areas!

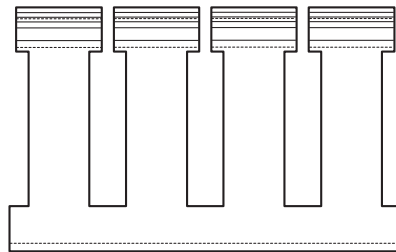
Wide Slot Wiring Duct – Halogen-Free

- Halogen-free construction
- Higher temperature rating than PVC
- Wide fingers and slots increase rigidity and enable for insertion of 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
- V-shaped slot lead-in enables easier and faster wire installation
- Integrated mounting holes — larger sizes include staggered holes for mounting flexibility (see page D23 for illustration)
- Restricted slot design makes sure that wires are held with or without the cover inserted
- Available only in white



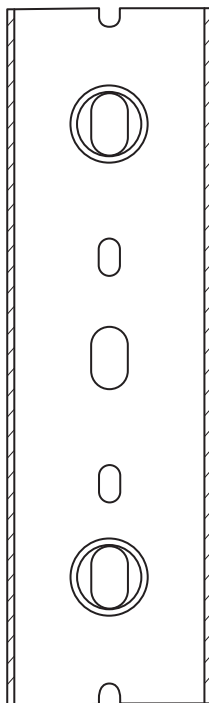


Front View w/Cover



Side View

For a complete listing of Wide Slot dimensional details, see page D23



Bottom View

Cat. No.	Description	Size (W x H)		Cover Cat. No.	Duct Std. Ctn. Qty.	Cover Std. Ctn. Qty.	Length (ft.)
		in.	mm				
TY1X1WHW6	1 x 1 halogen-free white duct	1.25 x 1.14	31.8 x 29.0	TY1CHW6	120	120	6
TY1X15WHW6	1 x 1.5 halogen-free white duct	1.25 x 1.60	31.8 x 40.6		120		
TY1X2WHW6	1 x 2 halogen-free white duct	1.25 x 2.10	31.8 x 53.3		120		
TY1X3WHW6	1 x 3 halogen-free white duct	1.25 x 3.05	31.8 x 77.5		120		
TY1X4WHW6	1 x 4 halogen-free white duct	1.25 x 4.37	31.8 x 111.0	60			
TY15X15WHW6	1.5 x 1.5 halogen-free white duct	1.75 x 1.60	44.5 x 40.6	TY15CHW6	120		
TY15X2WHW6	1.5 x 2 halogen-free white duct	1.75 x 2.10	44.5 x 53.3		120		
TY15X3WHW6	1.5 x 3 halogen-free white duct	1.75 x 3.05	44.5 x 77.5		120		
TY15X4WHW6	1.5 x 4 halogen-free white duct	1.75 x 4.37	44.5 x 111.0		60		
TY2X1WHW6	2 x 1 halogen-free white duct	2.25 x 1.24	57.2 x 31.5	TY2CHW6	120		
TY2X2WHW6	2 x 2 halogen-free white duct	2.25 x 2.19	57.2 x 55.6		120		
TY2X3WHW6	2 x 3 halogen-free white duct	2.25 x 3.14	57.2 x 79.8		60		
TY2X4WHW6	2 x 4 halogen-free white duct	2.25 x 4.46	57.2 x 113.3		60		
TY25X3WHW6	2.5 x 3 halogen-free white duct	2.75 x 3.14	69.9 x 79.8	TY25CHW6	60		
TY3X1WHW6	3 x 1 halogen-free white duct	3.25 x 1.24	82.6 x 31.5	TY3CHW6	120		
TY3X2WHW6	3 x 2 halogen-free white duct	3.25 x 2.19	82.6 x 55.6		60		
TY3X3WHW6	3 x 3 halogen-free white duct	3.25 x 3.14	82.6 x 79.8		60		
TY3X4WHW6	3 x 4 halogen-free white duct	3.25 x 4.46	82.6 x 113.3		60		
TY3X5WHW6	3 x 5 halogen-free white duct	3.25 x 5.15	82.6 x 130.8		60		
TY4X2WHW6	4 x 2 halogen-free white duct	4.25 x 2.19	108.0 x 55.6	TY4CHW6	60		
TY4X3WHW6	4 x 3 halogen-free white duct	4.25 x 3.14	108.0 x 79.8		60		
TY4X4WHW6	4 x 4 halogen-free white duct	4.25 x 4.46	108.0 x 113.3		30		
TY4X5WHW6	4 x 5 halogen-free white duct	4.25 x 5.15	108.0 x 130.8		30		

— = space for colour identifier
W = White

Standard lengths are 6 feet.

To order duct **without mounting holes**, add suffix **NM** to catalogue number.
 Example: **TY1XWHW6NM** is a 1 in. x 1 in. wide slot halogen-free white duct with **no mounting holes**.

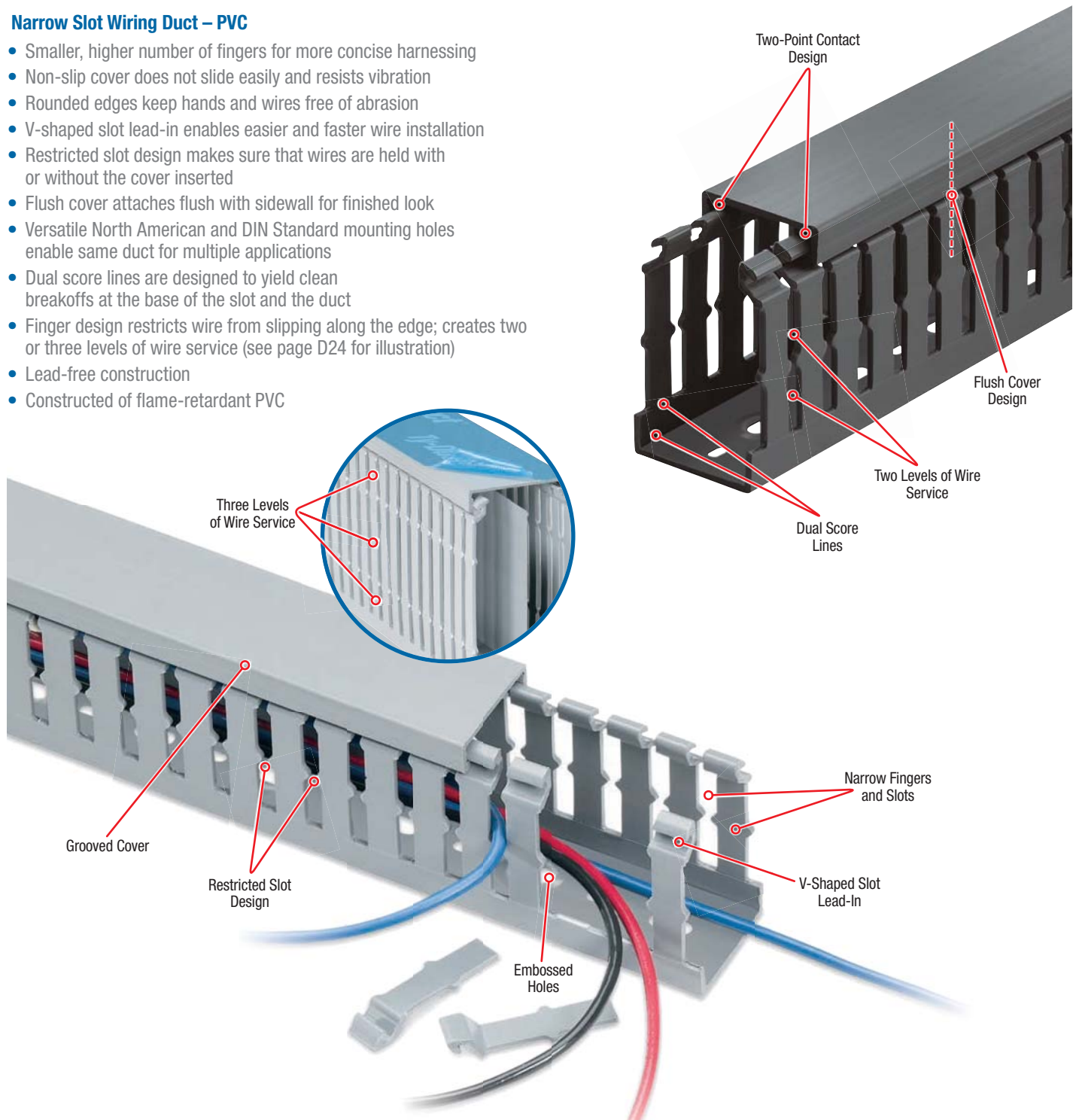
Vinyl duct is UL Recognized , CSA Certified and meets the JIC requirements
 PVC vinyl duct is UL Recognized , CSA Certified and CE Compliant

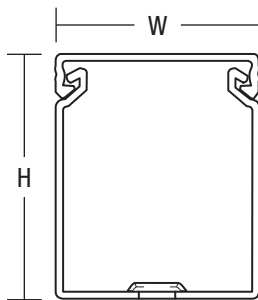
Narrow Slot Wiring Duct

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

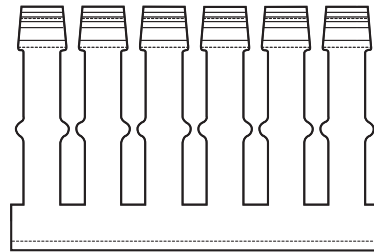
Narrow Slot Wiring Duct – PVC

- Smaller, higher number of fingers for more concise harnessing
- Non-slip cover does not slide easily and resists vibration
- Rounded edges keep hands and wires free of abrasion
- 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
- Flush cover attaches flush with sidewall for finished look
- Versatile North American and DIN Standard mounting holes enable same duct for multiple applications
- 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 D24 for illustration)
- Lead-free construction
- Constructed of flame-retardant PVC



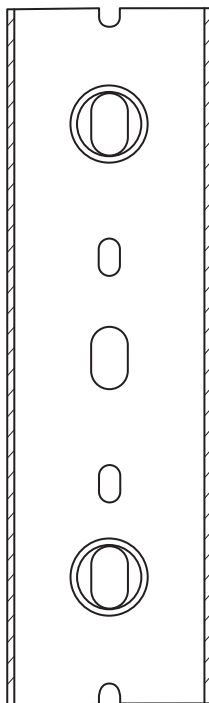


Front View w/Cover



Side View

For a complete listing of Narrow Slot dimensional details, see page D24



Bottom View

Cat. No.	Description (in.)	Size (W x H)		Cover Cat. No.	Duct Std. Ctn. Qty.	Cover Std. Ctn. Qty.	Length (ft.)
		in.	mm				
TY75X15NP_6	0.75 x 1.5 narrow slot duct	0.94 x 1.60	23.9 x 40.6	TY75CP_6	120	120	6
TY1X1NP_6	1 x 1 narrow slot duct	1.25 x 1.14	31.8 x 29.0	TY1CP_6	120		
TY1X15NP_6	1 x 1.5 narrow slot duct	1.25 x 1.60	31.8 x 40.6		120		
TY1X2NP_6	1 x 2 narrow slot duct	1.25 x 2.10	31.8 x 53.3		120		
TY1X3NP_6	1 x 3 narrow slot duct	1.25 x 3.05	31.8 x 77.5		120		
TY1X4NP_6	1 x 4 narrow slot duct	1.25 x 4.37	31.8 x 111.0		60		
TY15X1NP_6	1.5 x 1 narrow slot duct	1.75 x 1.14	44.5 x 29.0	TY15CP_6	120		
TY15X15NP_6	1.5 x 1.5 narrow slot duct	1.75 x 1.60	44.5 x 40.6		120		
TY15X2NP_6	1.5 x 2 narrow slot duct	1.75 x 2.10	44.5 x 53.3		120		
TY15X3NP_6	1.5 x 3 narrow slot duct	1.75 x 3.05	44.5 x 77.5		120		
TY15X4NP_6	1.5 x 4 narrow slot duct	1.75 x 4.37	44.5 x 111.0		60		
TY2X1NP_6	2 x 1 narrow slot duct	2.25 x 1.24	57.2 x 31.5	TY2CP_6	120		
TY2X15NP_6	2 x 1.5 narrow slot duct	2.25 x 1.70	57.2 x 43.2		120		
TY2X2NP_6	2 x 2 narrow slot duct	2.25 x 2.19	57.2 x 55.6		120		
TY2X3NP_6	2 x 3 narrow slot duct	2.25 x 3.14	57.2 x 79.8		60		
TY2X4NP_6	2 x 4 narrow slot duct	2.25 x 4.46	57.2 x 113.3		60		
TY2X5NP_6	2 x 5 narrow slot duct	2.25 x 5.15	57.2 x 130.8	60			
TY25X2NP_6	2.5 x 2 narrow slot duct	2.75 x 2.19	69.9 x 55.6	TY25CP_6	120		
TY25X3NP_6	2.5 x 3 narrow slot duct	2.75 x 3.14	69.9 x 79.8		60		
TY25X4NP_6	2.5 x 4 narrow slot duct	2.75 x 4.46	69.9 x 113.3		60		
TY3X1NP_6	3 x 1 narrow slot duct	3.25 x 1.24	82.6 x 31.5	TY3CP_6	120		
TY3X2NP_6	3 x 2 narrow slot duct	3.25 x 2.19	82.6 x 55.6		60		
TY3X3NP_6	3 x 3 narrow slot duct	3.25 x 3.14	82.6 x 79.8		60		
TY3X4NP_6	3 x 4 narrow slot duct	3.25 x 4.46	82.6 x 113.3		60		
TY3X5NP_6	3 x 5 narrow slot duct	3.25 x 5.15	82.6 x 130.8		60		
TY4X2NP_6	4 x 2 narrow slot duct	4.25 x 2.19	108.0 x 55.6	TY4CP_6	60		
TY4X3NP_6	4 x 3 narrow slot duct	4.25 x 3.14	108.0 x 79.8		60		
TY4X4NP_6	4 x 4 narrow slot duct	4.25 x 4.46	108.0 x 113.3		30		
TY4X5NP_6	4 x 5 narrow slot duct	4.25 x 5.15	108.0 x 130.8		30		

_ = space for colour identifier	
G = Grey	
W = White	
B = Black	
I = Intrinsic Blue	

Standard lengths are 6 feet.
 Catalogue Number must be completed by adding suffix **G** for Grey, **W** for White, **I** for Intrinsic Blue, **B** for Black.
 Example: **TY75X1NPG6** is a 0.75 in. x 1 in. solid wall **grey** duct.

To order duct **without mounting holes**, add suffix **NM** to catalogue number.
 Example: **TY75X1WPG6NM** is a 0.75 in. x 1 in. solid wall grey duct with **no mounting holes**.

To order **Adhesive-Backed Duct**, add suffix **A** to catalogue number.
 Example: **TY75X1WPG6A** is a 0.75 in. x 1 in. solid wall grey duct with **adhesive backing**. Shelf life for adhesive is 1 year.

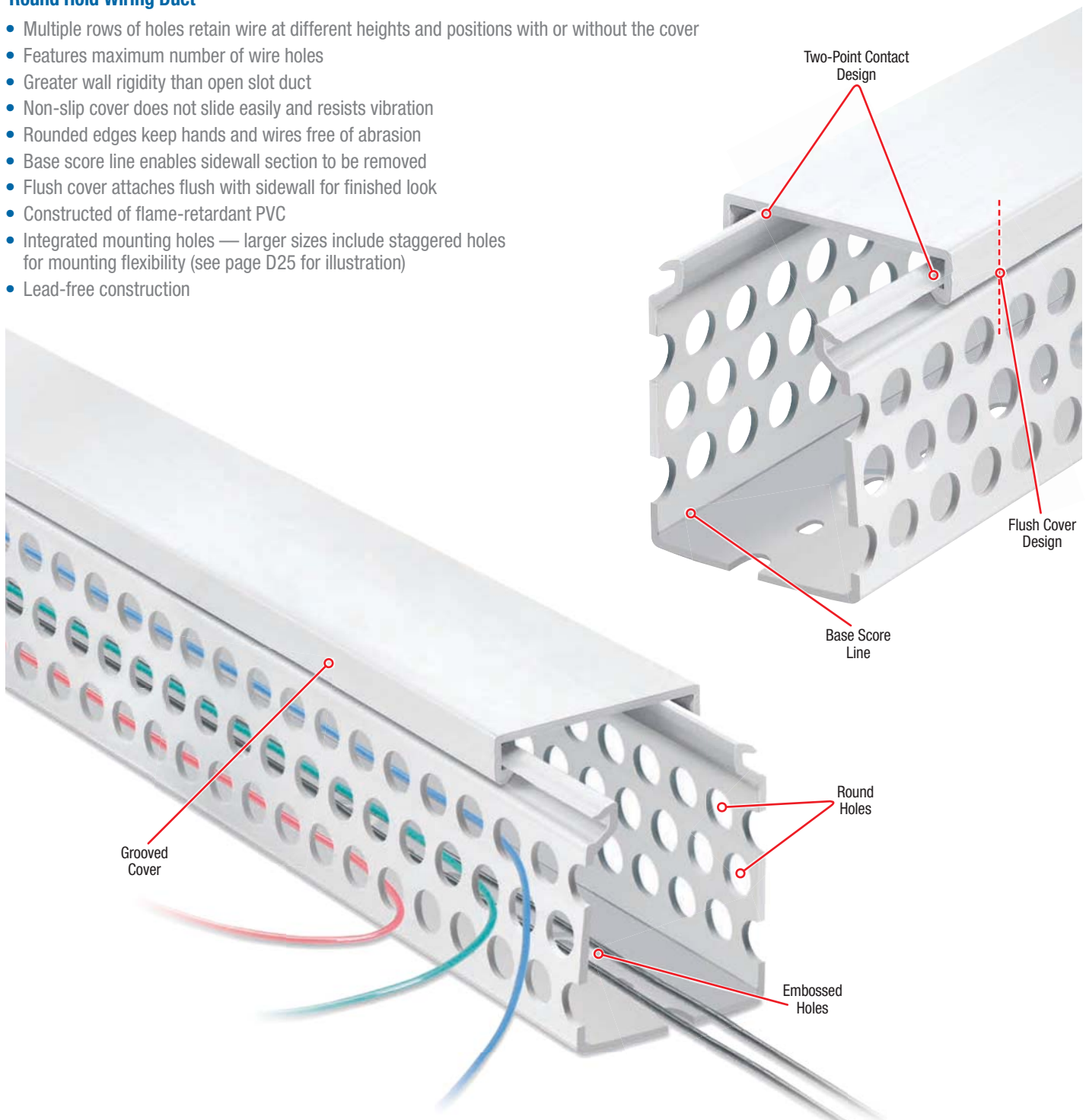
PVC vinyl duct is UL Recognized , CSA Certified and CE Compliant

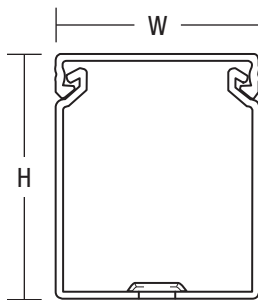
Round Hole Wiring Duct

Holes retain and support wires at different heights!

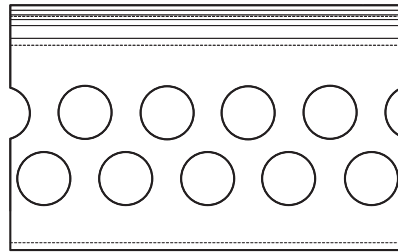
Round Hold Wiring Duct

- 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 keep hands and wires free of abrasion
- Base score line enables sidewall section to be removed
- Flush 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 D25 for illustration)
- Lead-free construction



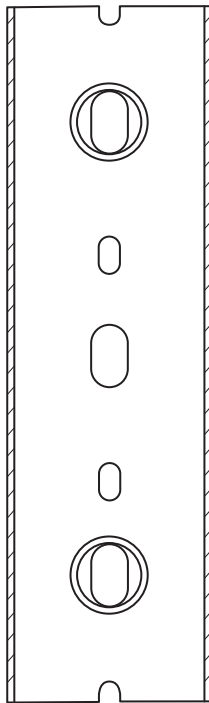


Front View w/Cover



Side View

For a complete listing of Round Hole dimensional details, see page D25



Bottom View



Cat. No.	Description (in.)	Size (W x H)		Cover Cat. No.	Duct Std. Ctn. Qty.	Cover Std. Ctn. Qty.	Length (ft.)
		in.	mm				
TY1X15RP_6	1 x 1.5 round hole duct	1.25 x 1.60	31.8 x 40.6	TY1CP_6	120	120	6
TY1X2RP_6	1 x 2 round hole duct	1.25 x 2.10	31.8 x 53.3		120		
TY1X3RP_6	1 x 3 round hole duct	1.25 x 3.05	31.8 x 77.5		120		
TY1X4RP_6	1 x 4 round hole duct	1.25 x 4.37	31.8 x 111.0		60		
TY15X15RP_6	1.5 x 1.5 round hole duct	1.75 x 1.60	44.5 x 40.6	TY15CP_6	120		
TY15X2RP_6	1.5 x 2 round hole duct	1.75 x 2.10	44.5 x 53.3		120		
TY15X3RP_6	1.5 x 3 round hole duct	1.75 x 3.05	44.5 x 77.5		120		
TY15X4RP_6	1.5 x 4 round hole duct	1.75 x 4.37	44.5 x 111.0		60		
TY2X15RP_6	2 x 1.5 round hole duct	2.25 x 1.70	57.2 x 43.2	TY2CP_6	120		
TY2X2RP_6	2 x 2 round hole duct	2.25 x 2.19	57.2 x 55.6		120		
TY2X3RP_6	2 x 3 round hole duct	2.25 x 3.14	57.2 x 79.8		60		
TY2X4RP_6	2 x 4 round hole duct	2.25 x 4.46	57.2 x 113.3		60		
TY3X2RP_6	3 x 2 round hole duct	3.25 x 2.19	82.6 x 55.6	TY3CP_6	60		
TY3X3RP_6	3 x 3 round hole duct	3.25 x 3.14	82.6 x 79.8		60		
TY3X4RP_6	3 x 4 round hole duct	3.25 x 4.46	82.6 x 113.3	60			
TY4X15RP_6	4 x 1.5 round hole duct	4.25 x 1.70	108.0 x 43.2	TY4CP_6	60		
TY4X2RP_6	4 x 2 round hole duct	4.25 x 2.19	108.0 x 55.6		60		
TY4X3RP_6	4 x 3 round hole duct	4.25 x 3.14	108.0 x 79.8		60		
TY4X4RP_6	4 x 4 round hole duct	4.25 x 4.46	108.0 x 113.3		30		

__ = space for colour identifier	
G = Grey	
W = White	
B = Black	
I = Intrinsic Blue	

Standard lengths are 6 feet.

Catalogue Number must be completed by adding suffix **G** for Grey, **W** for White, **I** for Intrinsic Blue, **B** for Black.
Example: [TY1X15RPG6](#) is a 1 in. x 1.5 in. round hole **grey** duct.

To order duct **without mounting holes**, add suffix **NM** to catalogue number.
Example: [TY1X15RPG6NM](#) is a 1 in. x 1.5 in. round hole grey duct with **no mounting holes**.

To order **Adhesive-Backed Duct**, add suffix **A** to catalogue number.
Example: [TY1X15RPG6A](#) is a 1 in. x 1.5 in. round hole grey duct with **adhesive backing**.

PVC vinyl duct is UL Recognized , CSA Certified and CE Compliant

Thermoplastic Metric Wiring Duct

Slot and Slot Narrow Spacing

Grey thermoplastic metric wiring duct

The ABB range of cable management systems is designed for applications with rated voltages up to 1000 V DC and 1500 V AC. It offers 28 different combinations with bases of 15, 25, 40, 60, 80, 100, 120 and 150 mm and heights of 17, 30, 40, 60, 80 and 100 mm. Available with 8-12 mm or 4-6 mm slots. The snap-on base plates is available for all bases between 25 and 150 mm. The ribbed ducts are made of self-extinguishing thermoplastic that complies with UL standard 94 V-0 and is resistant to abnormal heat and fire up to 960°C. The whole range is IMQ marked and UL / CSA and RINA approved.



Cat. No. 8-12 mm Slot Spacing	Cat. No. 4-6 mm Slot Narrow Spacing	Width		Package		Weight kg/m
		mm	in.	Meters	Pieces	
05019	05119	15 x 17	0.53 x 0.67	46	23	0.06
05033	05133	25 x 30	0.98 x 1.18	58	29	0.21
05035	05135	40 x 30	1.57 x 1.18	40	20	0.27
05037	05137	60 x 30	2.36 x 1.18	52	26	0.38
05043	05143	25 x 40	0.98 x 1.57	48	24	0.25
05045	05145	40 x 40	1.57 x 1.57	30	15	0.31
05047	05147	60 x 40	2.36 x 1.57	40	20	0.46
05049	05149	80 x 40	3.15 x 1.57	32	16	0.47
05051	05151	100 x 40	3.94 x 1.57	24	12	0.55
05053	05153	120 x 40	4.72 x 1.57	20	10	0.65
05063	05163	25 x 60	0.98 x 2.36	34	17	0.24
05065	05165	40 x 60	1.57 x 2.36	22	11	0.34
05067	05167	60 x 60	2.36 x 2.36	32	16	0.47
05069	05169	80 x 60	3.15 x 2.36	24	12	0.52
05071	05171	100 x 60	3.94 x 2.36	20	10	0.59
05073	05173	120 x 60	4.72 x 2.36	14	7	0.73
05083	05183	25 x 80	0.98 x 3.15	28	14	0.29
05085	05185	40 x 80	1.57 x 3.15	36	18	0.38
05087	05187	60 x 80	2.36 x 3.15	24	12	0.5
05089	05189	80 x 80	3.15 x 3.15	16	8	0.59
05091	05191	100 x 80	3.94 x 3.15	16	8	0.68
05093	05193	120 x 80	4.72 x 3.15	12	6	0.89
05094	05194	25 x 100	0.98 x 3.94	20	10	0.38
05095	05195	40 x 100	1.57 x 3.94	28	14	0.55
05096	05196	60 x 100	2.36 x 3.94	20	10	0.59
05097	05197	80 x 100	3.15 x 3.94	14	7	0.68
05098	05198	100 x 100	3.94 x 3.94	8	4	0.89
05099	05199	150 x 100	5.91 x 3.94	8	4	1.3

Sold in package quantity only. Order quantity must equal quantity shown in "meters per package" column.
Wire duct cover included.

Thermoplastic Metric Wiring Duct

Spare Wire Duct Covers



05308



Cat. No.	Width		Package	
	mm	in.	Meters	Pieces
05300	15	0.53	200	100
05302	25	0.98	60	30
05304	40	1.57	40	20
05306	60	2.36	24	12
05308	80	3.15	16	8
05310	100	3.94	48	24
05312	120	4.72	36	18
05314	150	5.91	28	14

Accessories

Trust Thomas & Betts for all your wiring accessories!

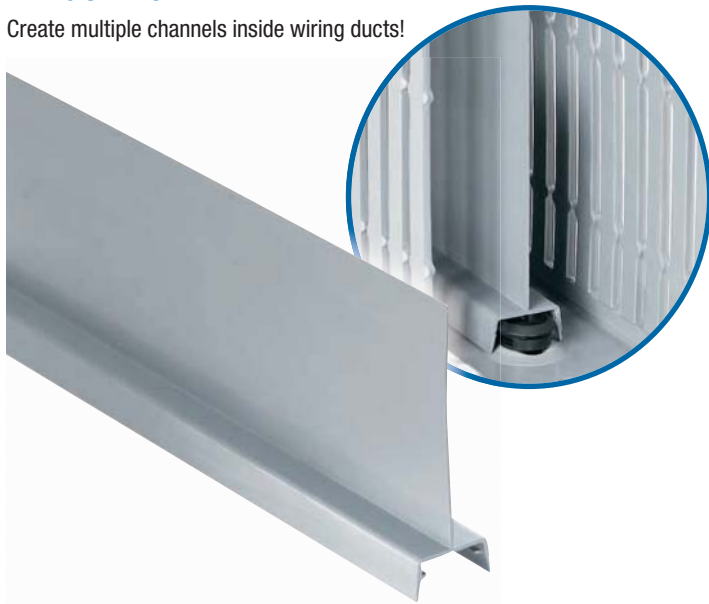
Features includes:

- 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 colour identifier
G	= Grey
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	Cover Std. Ctn. Qty.	Length (ft.)
TY1D_P_6	1 in. high wall divider	120	6
TY1.5D_P_6	1.5 in. high wall divider		
TY2D_P_6	2 in. high wall divider		
TY3D_P_6	3 in. high wall divider		
TY4D_P_6	4 in. high wall divider		
TY5D_P_6	5 in. high wall divider		

Catalogue Number must be completed by adding suffix **S** for **Solid** or **W** for **Wide Slot**. Example: **TY2D**S**PG6** is a 2 in. high solid wall grey divider.

Catalogue Number must be completed by adding suffix **G** for Grey, **W** for White, **I** for Intrinsic Blue, **B** for Black. Example: **TY2D**S**PG6** is a 2 in. high solid wall grey divider

Universal Mounting Clips

One size fits all!



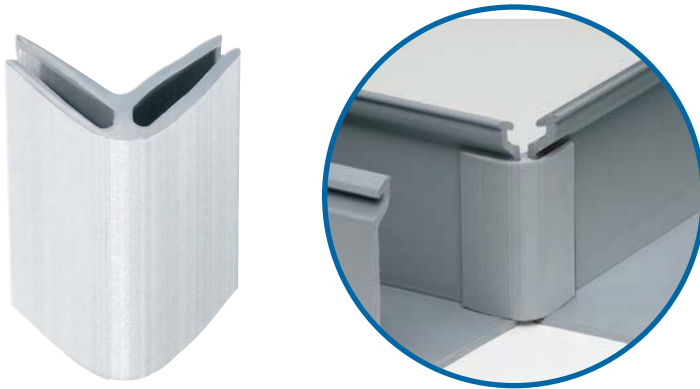
- Added before or after the duct is in place, without additional hardware
- Twists on into place—holds securely
- Installs easily using a screwdriver
- Accommodates up to 40 lb. cable ties
- Black polycarbonate

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

Accessories

Corner Strips

Install smooth round corners on your wiring duct!



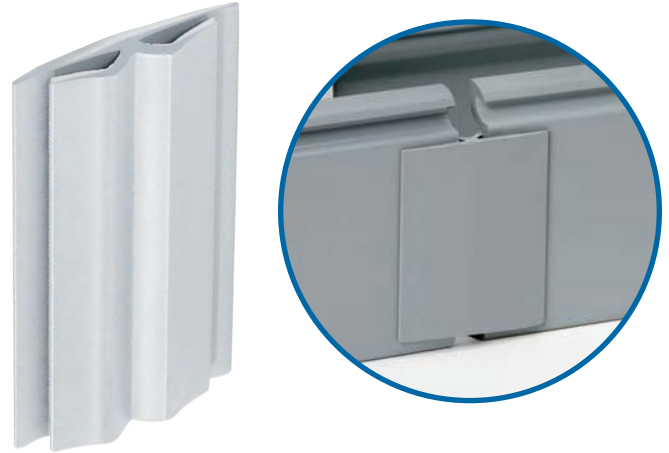
- Constructed of rigid PVC
- One-piece design makes installation a snap
- Works with any Ty-Duct™ wiring duct
- Select from a variety of sizes

Cat. No.	Description	Cover Std. Ctn. Qty.	Length (ft.)
TYCS_6	Corner strip	120	6

Catalogue Number must be completed by adding suffix **G** for Grey, **W** for White, **I** for Intrinsic Blue, **B** for Black.
Example: **TYCSG6** is a grey corner strip

Joining Strips

Join duct sections easily!



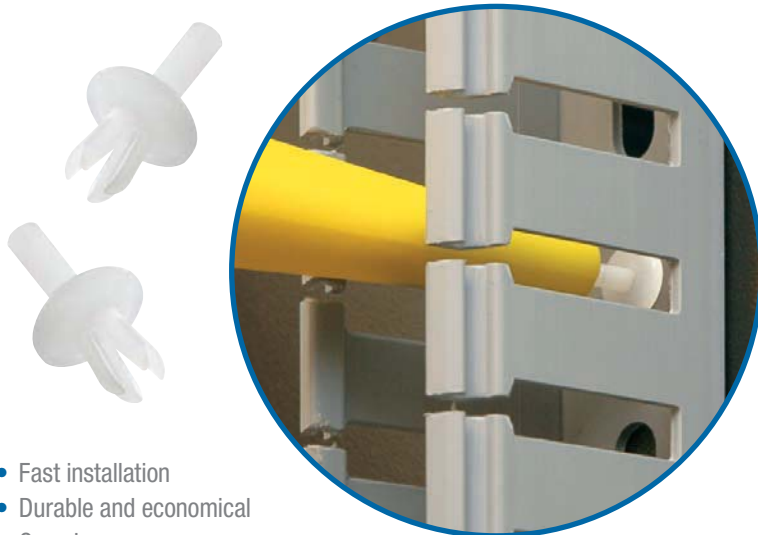
- Constructed of rigid PVC
- One-piece design makes installation easy
- Works with any Ty-Duct™ wiring duct

Cat. No.	Description	Cover Std. Ctn. Qty.	Length (ft.)
TYJS_6	Joining strip	120	6

Catalogue Number must be completed by adding suffix **G** for Grey, **W** for White, **I** for Intrinsic Blue, **B** for Black. Example: **TYJSG6** is a grey joining strip

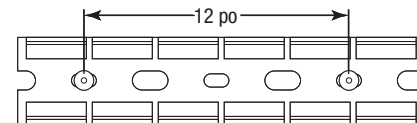
Plastic Rivets

Plastic rivets make mounting ducts easy!

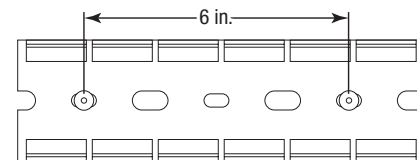


- Fast installation
- Durable and economical
- One size

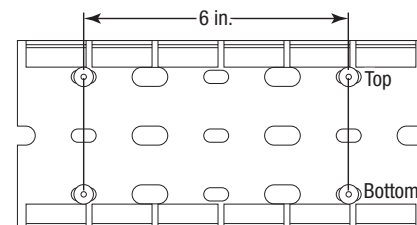
Cat. No.	Description	Qty.
08200C	3/16 in. plastic rivet	100 pk



Minimum mounting rivet distance for ducts less than 1-1/2 in. wide



Minimum mounting rivet distance for ducts 1-1/2 in. to 2-1/2 in. wide



Minimum mounting rivet distance for ducts greater than 2-1/2 in. wide
Installed top and bottom

Tools

The wiring duct tools you need for every application!

Features 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
- Benchmount Cutting Tools for fast, high volume duct cutting
- Rivet Installation Tools for quick duct mounting

Duct/Cover Cutting Tool

Lightweight and durable!



Improved Performance!

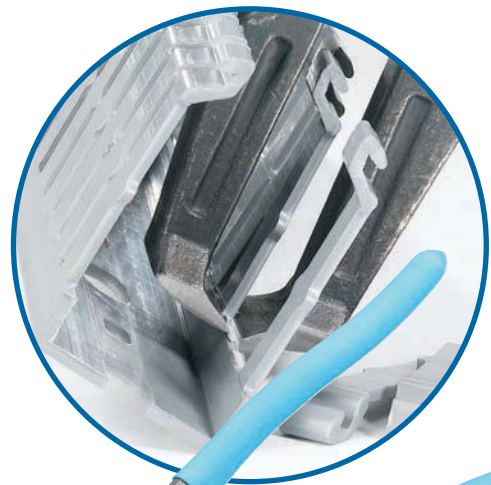


- All-steel construction
- Sharp cutting surface
- Replaceable blades available

Cat. No.	Description
SX-25TB	Handheld duct cutter

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

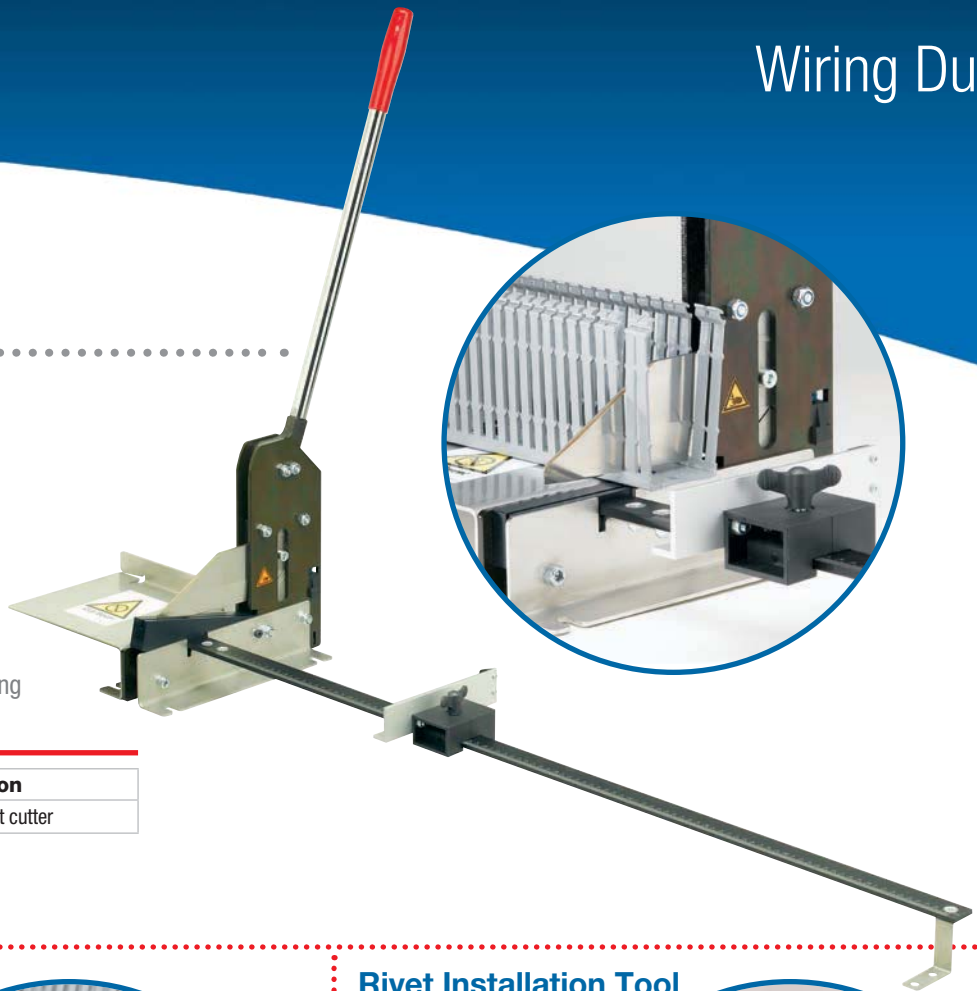
Cat. No.	Description
DK-65TB	Duct finger cutter

Tools

Benchmark 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
- Sharp, easy-to-replace blades



Cat. No.	Description
DC-125TB	Benchmark 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

Cat. No.	Description
08205	08200 Series rivet installation tool

Wiring Duct – Wire Fill Capacity

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

Nominal Duct Size (inches)		Area (inches ²)	ELECTRICAL											DATA CABLE			
			8 AWG	10 AWG	12 AWG		14 AWG			16 AWG		18 AWG		22 AWG	24 AWG		
W	H		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	0.250	0.422
			THHN	THHN	THHN	MTW	THHN	MTW	MTW	THHN	MTW	THHN	MTW	MTW	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 Duro D	D785 D676	R-111 78	R-115
Dielectric Strength 60Hz, 25° C	vpm	D149		400
Dielectric Constant 60 Hz, Dry 1MHz, Dry		D150	1.9	2.65 2.64
Volume Resistivity	ohm-cm	D257		1017
Heat Deflecting (° F @ 264 psi)	° F	D648	158	212
Flammability			94 V-0	94 V-1

The above information is believed reliable. The user should, however, check the applicable specifications to verify values.

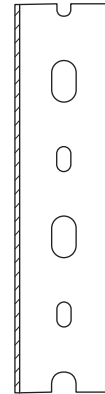
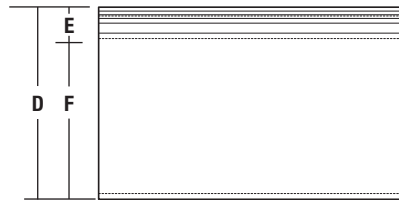
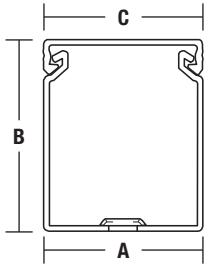
Rigid Polyvinyl Chloride (PVC)

- General-purpose material for indoor applications
- UL flammability rating of V-0
- UL94 recognized for use in temperatures up to 50 °C (122 °F)
- Economical wiring duct material

Halogen Free

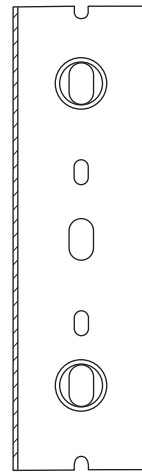
- For use in halogen-free or high-temperature applications
- UL flammability rating of V-1
- UL94 recognized for use in temperatures up to 95 °C (203 °F)
- 20% lighter than PVC

Solid Wall (PVC) – Wiring Duct Dimensions

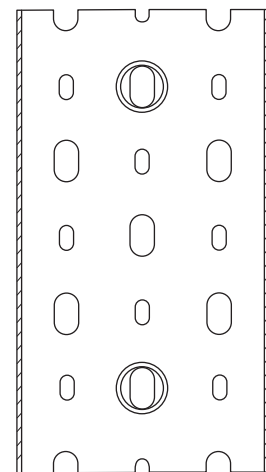


Pattern for 3/4 in. and 1 in.

TRADE SIZE		DIMENSIONS (inches)					
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	4.39	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



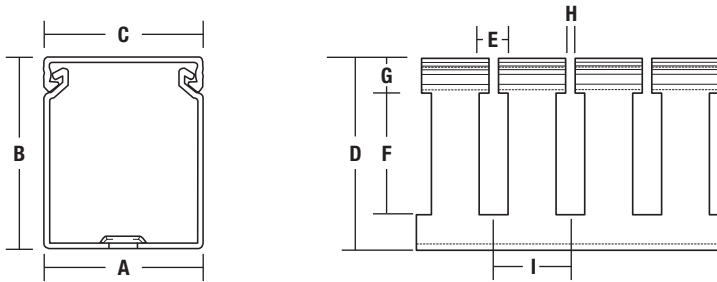
Pattern for 1-1/2 in., 2 in. and 2-1/2 in.



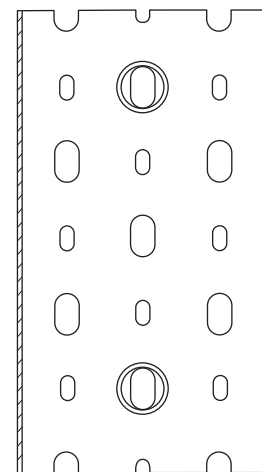
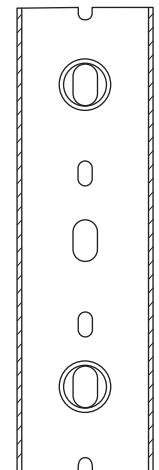
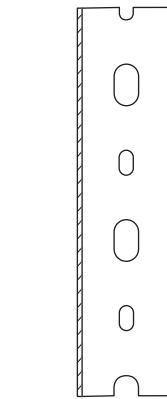
Pattern for 4 in., 5 in. and 6 in.

Dimensions shown are for reference only. Contact T&B for specific dimensional needs.

Wide Slot (PVC) – Wiring Duct Dimensions



TRADE SIZE		DIMENSIONS (inches)								
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. Contact T&B for specific dimensional needs.

Narrow Slot (PVC) – Wiring Duct Dimensions

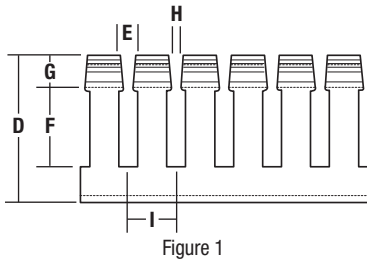
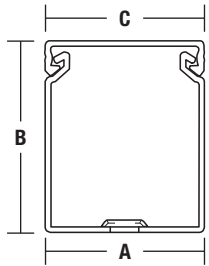


Figure 1

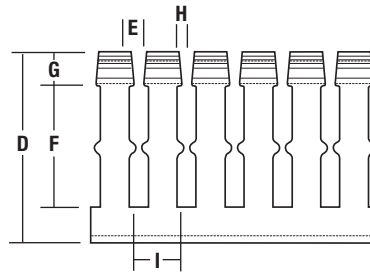


Figure 2

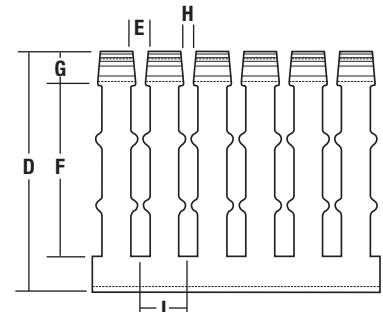
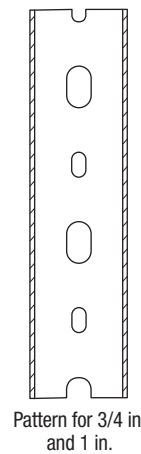


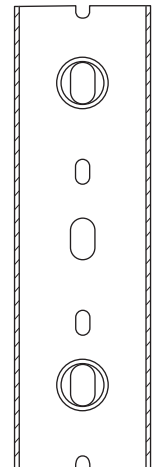
Figure 3

TRADE SIZE		FIG.	DIMENSIONS (inches)								
W	H		A	B	C	D	E	F	G	H	I
0.75 x 1.50	1	1	0.94	1.60	0.94	1.50	0.20	0.93	0.27	0.10	0.50
1.00 x 1.00	1	1	1.25	1.14	1.25	1.03	0.20	0.52	0.26	0.10	0.50
1.00 x 1.50	1	1	1.25	1.60	1.25	1.50	0.20	0.93	0.27	0.10	0.50
1.00 x 2.00	2	2	1.25	2.10	1.25	2.01	0.20	1.36	0.28	0.10	0.50
1.00 x 3.00	3	3	1.25	3.05	1.25	2.99	0.20	2.31	0.32	0.10	0.50
1.00 x 4.00	3	3	1.25	4.37	1.25	4.32	0.20	3.63	0.32	0.10	0.50
1.50 x 1.00	1	1	1.75	1.14	1.75	1.03	0.20	0.52	0.26	0.10	0.50
1.50 x 1.50	1	1	1.75	1.60	1.75	1.50	0.20	0.93	0.27	0.10	0.50
1.50 x 2.00	2	2	1.75	2.10	1.75	2.01	0.20	1.36	0.29	0.10	0.50
1.50 x 3.00	3	3	1.75	3.05	1.75	2.99	0.20	2.28	0.34	0.10	0.50
1.50 x 4.00	3	3	1.75	4.37	1.75	4.32	0.20	3.63	0.32	0.10	0.50
2.00 x 1.00	1	1	2.25	1.24	2.25	1.05	0.20	0.52	0.28	0.10	0.50
2.00 x 1.50	1	1	2.25	1.70	2.25	1.52	0.20	0.93	0.29	0.10	0.50
2.00 x 2.00	2	2	2.25	2.19	2.25	2.03	0.20	1.36	0.30	0.10	0.50
2.00 x 3.00	3	3	2.25	3.14	2.25	3.00	0.20	2.31	0.33	0.10	0.50
2.00 x 4.00	3	3	2.25	4.46	2.25	4.33	0.20	3.63	0.33	0.10	0.50
2.00 x 5.00	3	3	2.25	5.15	2.25	5.02	0.20	4.31	0.34	0.10	0.50
2.50 x 2.00	2	2	2.75	2.19	2.75	2.03	0.20	1.36	0.30	0.10	0.50
2.50 x 3.00	3	3	2.75	3.14	2.75	3.00	0.20	2.31	0.33	0.10	0.50
2.50 x 4.00	3	3	2.75	4.46	2.75	4.33	0.20	3.63	0.33	0.10	0.50
3.00 x 1.00	1	1	3.25	1.24	3.25	1.06	0.20	0.52	0.29	0.10	0.50
3.00 x 2.00	2	2	3.25	2.19	3.25	2.08	0.20	1.36	0.35	0.10	0.50
3.00 x 3.00	3	3	3.25	3.14	3.25	3.06	0.20	2.31	0.38	0.10	0.50
3.00 x 4.00	3	3	3.25	4.46	3.25	4.39	0.20	3.63	0.39	0.10	0.50
3.00 x 5.00	3	3	3.25	5.15	3.25	5.06	0.20	4.31	0.38	0.10	0.50
4.00 x 2.00	2	2	4.25	2.19	4.25	2.08	0.20	1.36	0.35	0.10	0.50
4.00 x 3.00	3	3	4.25	3.14	4.25	3.06	0.20	2.31	0.38	0.10	0.50
4.00 x 4.00	3	3	4.25	4.46	4.25	4.39	0.20	3.63	0.39	0.10	0.50
4.00 x 5.00	3	3	4.25	5.15	4.25	5.06	0.20	4.31	0.38	0.10	0.50

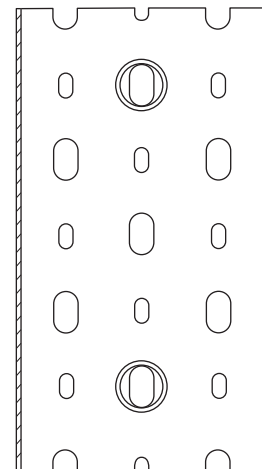
Dimensions shown are for reference only. Contact your Regional Sales Office for specific dimensional needs.



Pattern for 3/4 in. and 1 in.

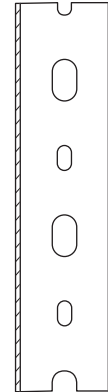
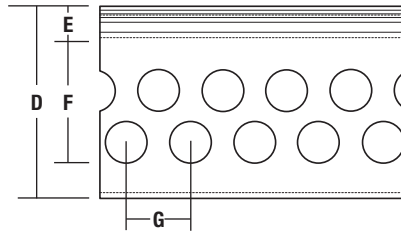
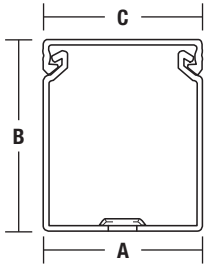


Pattern for 1-1/2 in., 2 in. and 2-1/2 in.

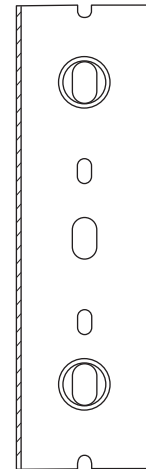


Pattern for 4 in., 5 in. and 6 in.

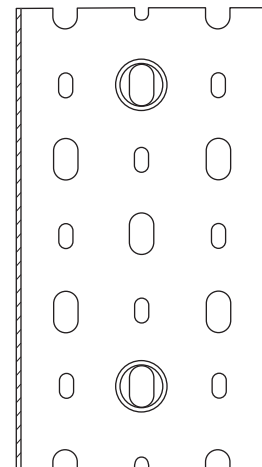
Round Hole (PVC) – Wiring Duct Dimensions



Pattern for 3/4 in. and 1 in.



Pattern for 1-1/2 in., 2 in.
and 2-1/2 in.



Pattern for 4 in., 5 in. and 6 in.

TRADE SIZE		DIMENSIONS (inches)							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. Contact your Regional Sales Office for specific dimensional needs.

Agency Approvals

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

Thomas & Betts 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.



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.

Standards

NFPA-79-2002

Thomas & Betts Ty-Duct™ wiring duct is compliant with the National Fire Protection Agency NFPA-79-2002. All materials used in the manufacturing of the Ty-Duct™ components are selected from flame-retardant material and comply with IEC 60332-1. The testing is required in order to comply with NFPA-79-2002, Section 13.3.1.

UL 508/UL 508A

As required in UL508/UL508A 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.

DIN 43 659

This European standard specifies dimensions for slotted trunkings installed in electrical switchgear assemblies. The standard defines the following dimensions:

- The mounting hole pattern
- The mounting hole slot dimensions
- The mounting hole pitch and location
- The minimum overall product length