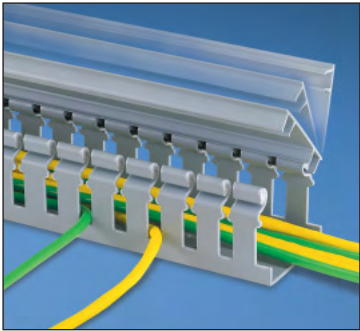
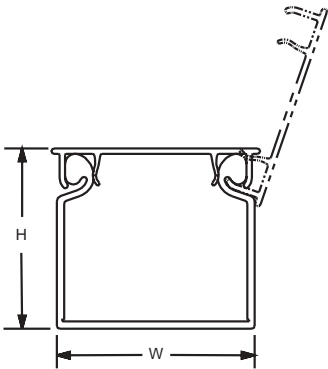


Wiring Duct *Control Panel*

NEW! PANDUCT® Type H — Hinged Cover Wiring Duct



- Made of rigid PVC
- UL Recognized continuous use temperature: 50°C (122°F)
- UL94 Flammability Rating of V-0
- Provided with mounting holes



Part Number	Duct Size WxH		Cover Part Number	Duct Std. Ctn. Qty.	Cover Std. Ctn. Qty.	Length (ft)
	In.	mm				
H1.5X2LG6	1.75 x 1.98	44.5 x 50.3	HC1.5LG6	120	120	6
H1.5X3LG6	1.75 x 3.06	44.5 x 77.7	HC1.5LG6	120	120	6
H2X2LG6	2.17 x 1.98	55.1 x 50.3	HC2LG6	120	120	6
H2X3LG6	2.17 x 3.06	55.1 x 77.7	HC2LG6	60	120	6
H2X4LG6	2.17 X 4.10	55.1 X 104.1	HC2LG6	60	120	6
H3X3LG6	3.25 x 3.06	82.6 x 77.7	HC3LG6	60	120	6
H3X4LG6	3.25 x 4.10	82.6 x 104.1	HC3LG6	60	120	6
H4X4LG6	4.25 x 4.10	108.0 x 104.1	HC4LG6	60	60	6

Available in BL (Black), LG (Light Gray) and WH (White).

Reference	Page(s)
Color Availability	F14
Adhesive Tape	E12
Dimensions	F7
Wirefill Guide	F9
Material Specifications	F13
Tools & Accessories	D11, D12, Section E
Installation Tips	F15

Wiring Duct for Special Environments

Overview

PANDUIT® offers a selection of special materials in PANDUCT® Wiring Duct for routing and concealing wiring in special use environments. Special use environments include applications such as transportation, oil and gas platforms, nuclear power plants and semiconductor and electronics manufacturing.

Control
Panel

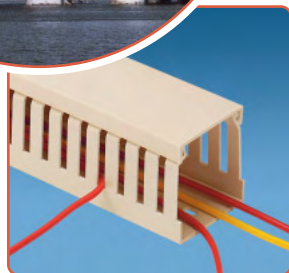
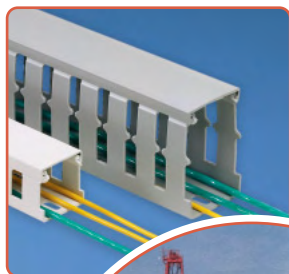
Special
Environment

Voice &
Data

Tools &
Accessories

Technical
Info

Index



Some of the features and benefits found in PANDUCT® Wiring Duct types for special environments include:

- Specialty materials will not release toxic or corrosive gases that could endanger public safety or damage sensitive electronics, and exhibits excellent flame retardance
- Flush cover design to maximize capacity over the channel footprint and provide a neater appearance
- Integrated non-skid liner insures the duct cover will not slide once installed or during vibration
- Smooth corners and edges will not abrade cabling or irritate hands
- UL Recognized as meeting the requirements of UL Standard 1565 for Positioning Devices
- CE compliant for panels that are to be exported to Europe



Wiring Duct for Special Environments

Overview

Control Panel

Special Environment

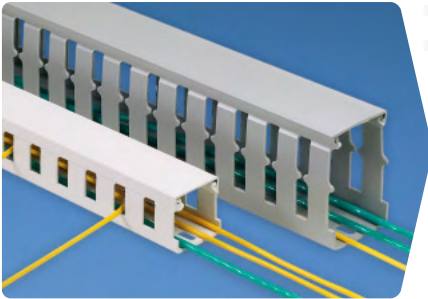
Data & Voice

Tools & Accessories

Technical Info

Index

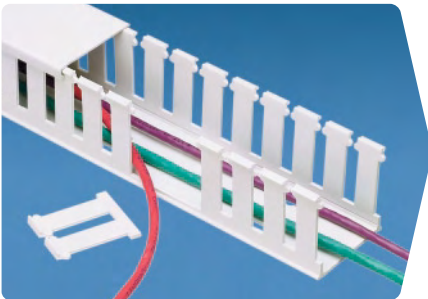
Type NNC Halogen Free Metric Wiring Duct



NEW!

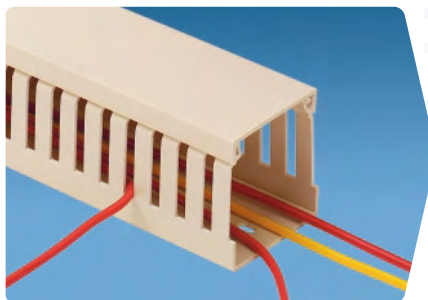
- Halogen free material is nontoxic, lead-free, environmentally safe and will not release toxic or corrosive gases that could endanger public safety or damage sensitive electronic equipment
- UL94V-0

Type NE NORYL* Halogen Free Wiring Duct



- Halogen free material is nontoxic, lead-free, environmentally safe and will not release toxic or corrosive gases that could endanger public safety or damage sensitive electronic equipment
- UL94V-1

Type TMC Low Smoke/Low Toxicity Wiring Duct



NEW!

- Low smoke/Low toxicity material emits a low level of toxic fumes and low smoke emissions when burned
- Meets Federal Rail Administration Guidelines and NFPA 130 requirements for all transit vehicles
- UL94V-0



The material is self-extinguishing and has excellent flame retardancy UL94V-0.

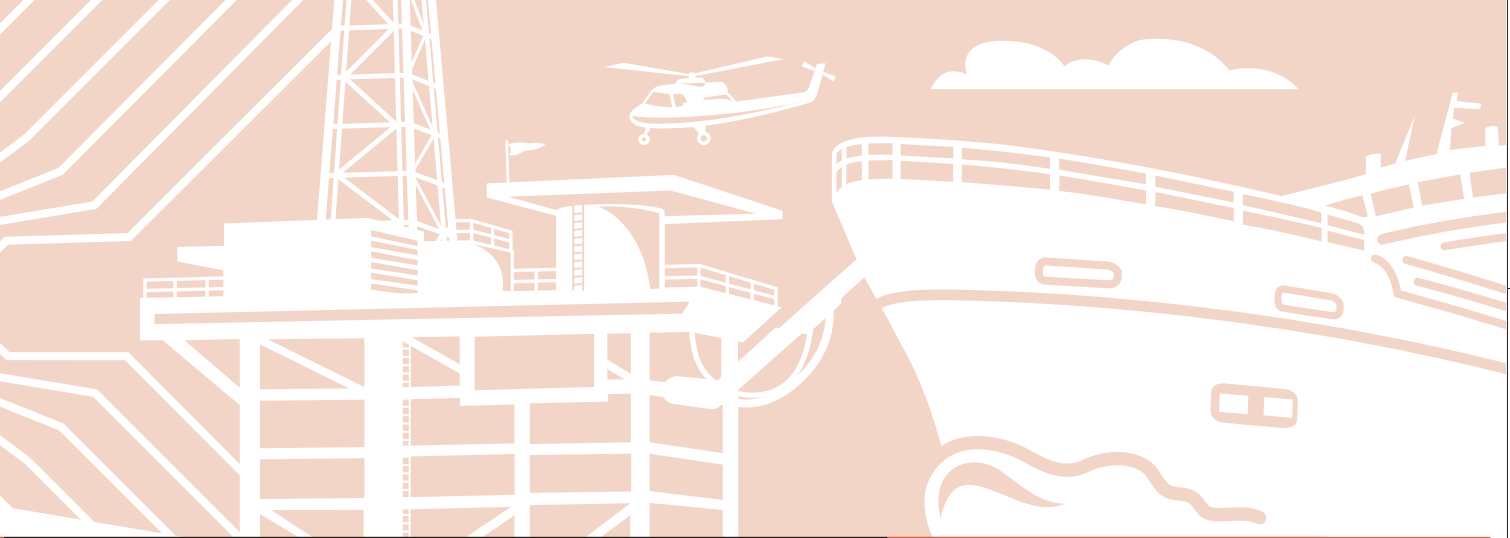


The material does not release dense smoke when burned per ASTM E662 test method.



The material does not emit a high volume of toxic gases when burned per Boeing and Airbus test methods.

*NORYL is a registered trademark of General Electric Company.



Overview

Control
Panel

Special
Environment

Data &
Voice

Tools &
Accessories

Technical
Info

Index

Environment/Material Specifications

Typical Applications

PAGES **C4/C5**



Semiconductor Manufacturing
Ship Building
Nuclear Power Plants
Oil Platforms

Environment/Material Specifications

Typical Applications

PAGES **C6/C7**



Semiconductor Manufacturing
Ship Building
Nuclear Power Plants
Oil Platforms

Environment/Material Specifications

Typical Applications

PAGES **C8/C9**



Passenger Rail Cars
Other Transportation Vehicles



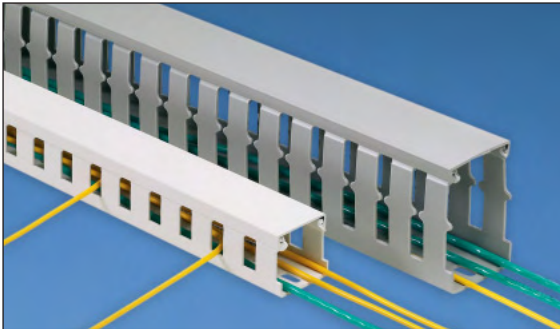
The material contains no fluorine, bromide or chlorine and will not emit any corrosive or toxic gases when burned per IEC 60754-2 test method.



Material is rated for a continuous use temperature above 75° C (167° F).

Wiring Duct *Special Environments*

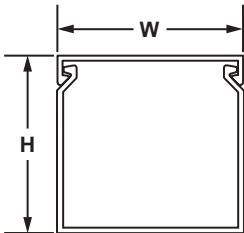
NEW! PANDUCT® Type NNC — Halogen Free Metric Wiring Duct



- Made of halogen free material and verified with IEC 60754-2 test method (test on gases evolved during combustion of electric cables)
- UL Recognized continuous use temperature: 95°C (203°F)
- UL94 Flammability Rating of V-0
- Conforms with NFPA 79-2002 section 14.3.1 requirement for flame retardant material
- Provided with DIN 43 659 mounting holes
- Metric sizing and finger progression
- Duct and cover packaged together in 2 meter lengths



- nonmetallic, non-flame propagating CDS
- medium impact resistance
- 211 temperature classification
- cover removal without tools



Part Number	Duct Size WxH		Replacement Cover Part Number	Duct Std. Ctn. Qty.	Cover Std. Ctn. Qty.	Length (M)
	mm	In.				
NNC25X25LG2	24.6 x 23.6	.97 x .93	NC25LG2	20	20	2
NNC25X37LG2	24.6 x 35.8	.97 x 1.41		20	20	
NNC25X50LG2	24.6 x 47.8	.97 x 1.88		20	20	
NNC25X75LG2	24.6 x 72.4	.97 x 2.85		20	20	
NNC37X37LG2	37.1 x 35.8	1.46 x 1.41	NC37LG2	20	20	2
NNC37X50LG2	37.1 x 47.8	1.46 x 1.88		20	20	
NNC37X75LG2	37.1 x 72.4	1.46 x 2.85		20	20	
NNC50X50LG2	49.5 x 47.8	1.95 x 1.88	NC50LG2	20	20	2
NNC50X75LG2	49.5 x 72.4	1.95 x 2.85		10	20	
NNC50X100LG2	49.5 x 97.8	1.95 x 3.85		10	20	
NNC75X75LG2	74.7 x 72.4	2.94 x 2.85	NC75LG2	10	20	2
NNC100X50LG2	99.6 x 47.8	3.92 x 1.88	NC100LG2	10	20	2
NNC100X75LG2	99.6 x 72.4	3.92 x 2.85		10	20	
NNC100X100LG2	99.6 x 97.8	3.92 x 3.85		10	20	

Available in LG (Light Gray) and WH (White).
Do not allow cutting, tapping or cleaning fluids that contain hydrocarbons to come in contact with Type NNC Wiring Duct as it will cause stress cracking. See [page F15](#) for a list of chemicals to avoid.



LOW FLAMMABILITY
UL94V-0

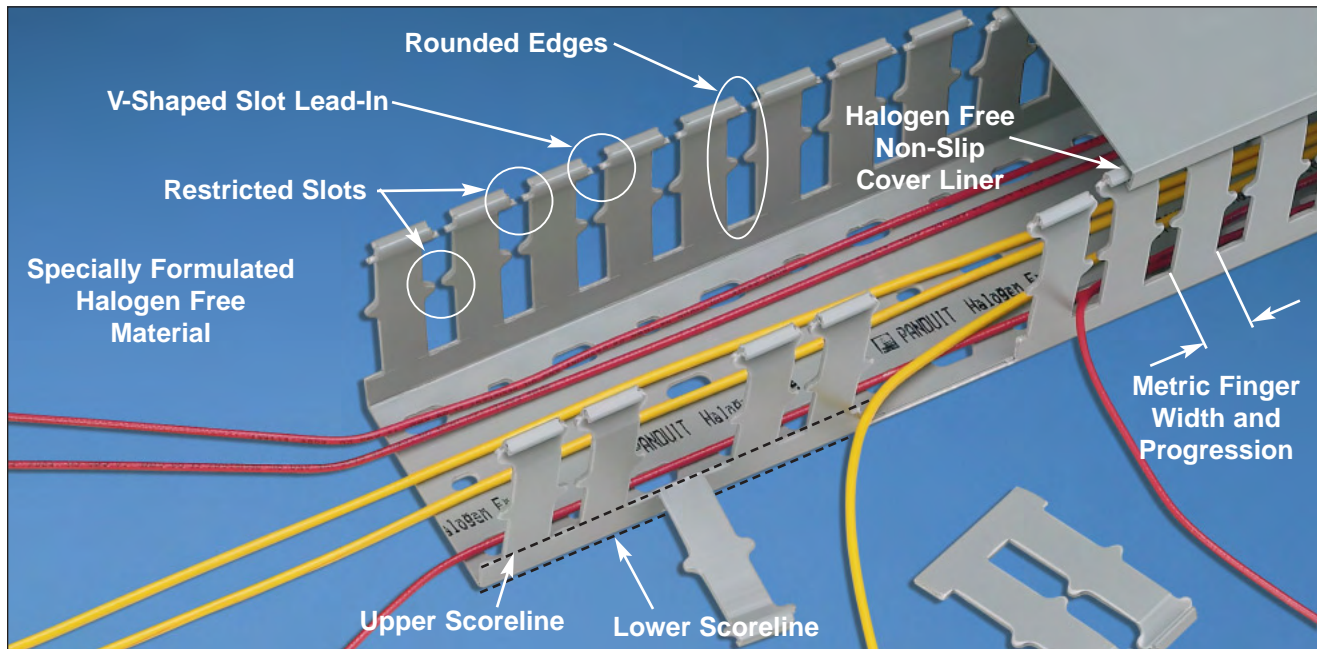


HALOGEN
FREE
IEC 60754-2



ELEVATED
TEMPERATURE

Reference	Page(s)
Color Availability	F14
Adhesive Tape	E12
Dimensions	F5
Wirefill Guide	F9
Material Specifications	F13
Tools and Accessories	E9, E10, E13, E14
Installation Tips	F15



Features	Advantages	Benefits
Halogen free modified PPO material	Material is nontoxic, lead-free, environmentally safe and will not release toxic or corrosive gases that could endanger public safety or damage sensitive electronics Greater resistance to heat than PVC	Ideal for application where public safety during a fire is a concern Material is recyclable and suitable for applications requiring eco-friendly materials Suitable for panel applications where high temperatures exist
UL94V-0 material flame rating	The V-0 flammability rating exceeds the rating of most other halogen free duct materials	Material is self-extinguishing and exhibits the highest flame retardance meeting more electrical panel applications
Halogen free non-slip cover liner	Cover will not slide easily when installed on duct base Co-extruded liner made from halogen free material	Cover stays in place during shipment, vibration and when in a vertical orientation, eliminating rework Liner will not emit corrosive or toxic gases
DIN 43 659 mounting hole pattern	Provides the required mounting hole pattern for use in cabinets which are designed to these standards	Meets European standards for use in cabinet applications
Smooth rounded edges	Exclusive <i>PANDUIT®</i> process rounds the edges in duct slots and at top of duct fingers	Protects hands and wiring/cabling from abrasion
Double scoreline	Upper scoreline at base of finger allows fingers to be broken out without tools Lower scoreline at base of duct allows sidewall sections to be removed	Allows quick modification for larger cabling bundles saving installation time leading to a lower installed cost Easier to create tee and corner junctions with full wire carrying capacity
V-shaped slot lead-in	V-shape funnels wires into slot for easier insertion	Speeds wire installation
Double restricted slot design	Once inserted wires are retained in the slot with or without the cover being installed Second restriction retains cabling within top or bottom portion of slot in larger wiring duct sizes	Eliminates hassle and saves time during installation and maintenance Provides a neat and finished appearance
Duct and cover packaged together	Fewer part numbers to stock and manage	Reduced inventory cost
Metric size and finger progression	Slot width and pitch may match more closely to components with metric dimensions	Provides a metric sized wiring duct solution for applications that specify metric dimensioning, such as when exporting equipment to European countries

Overview

Control Panel

Special Environment

Voice & Data

Tools & Accessories

Technical Info

Index