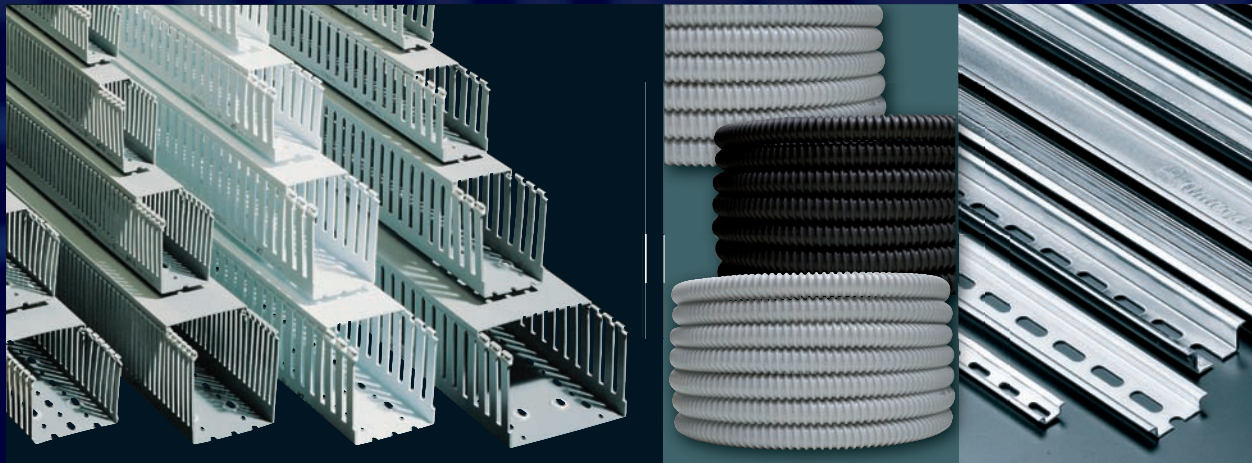


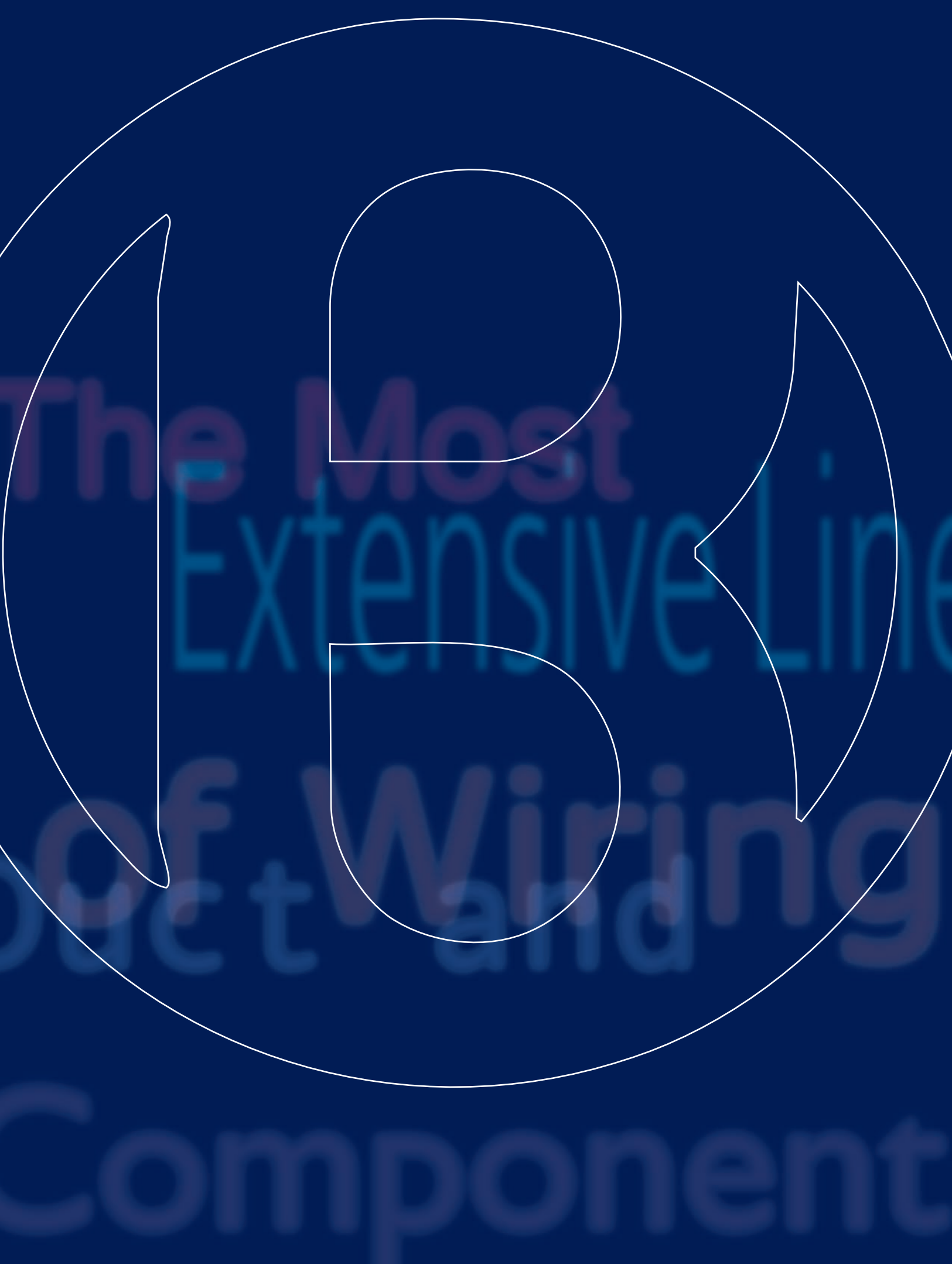
IBOCO®

IBO

25 Years in business



Integrated Panel Management





IBOCO CORPORATE PROFILE

Since 1986 the IBOCO Corporation, located in Edison, New Jersey, has led Italy-based Bocchiotti Group's marketing operations in the United States.

BOCCHIOTTI CORPORATE PROFILE

Founded in 1965, IBOCO parent Company BOCCHIOTTI is widely recognized throughout the world as one of the major manufacturers of wire management products, raceways and conduits.

The Bocchiotti Group with about 500 employees is headquartered in Genoa, Italy and has production plants and warehouses in 8 different locations throughout the Country.

The fully automated systems enable the Company to produce over 180 million feet of wiring duct and raceway per year in 25 different product lines which are distributed in 42 Countries.

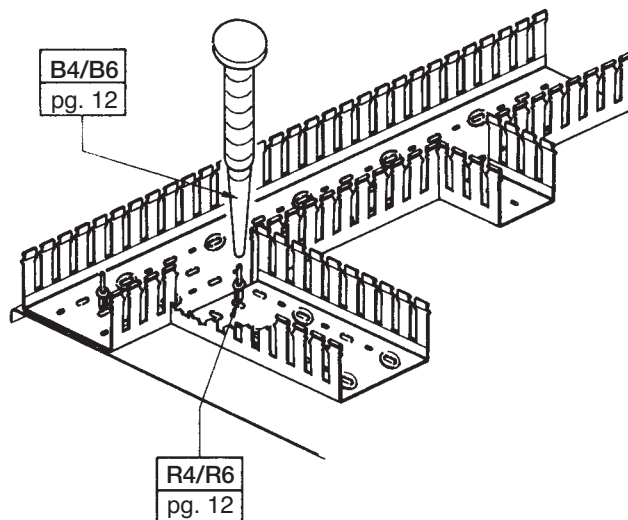
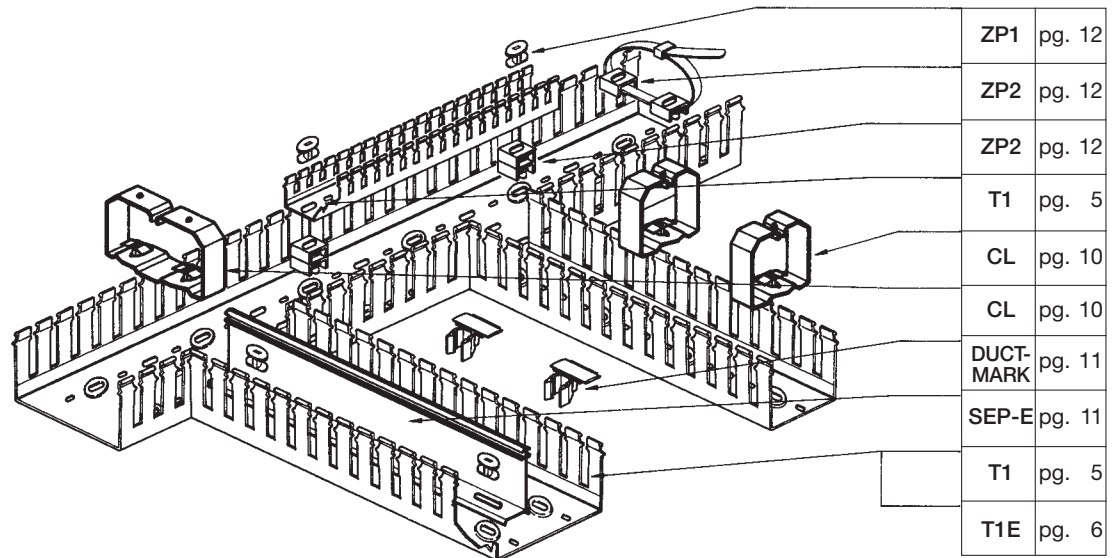
High Standard Products for Advanced and Time-Saving Panel Assembling

Every item in the rapidly expanding product line is designed and produced to meet the needs of original equipment manufacturers, installers, panel builders, and system integrators and complies with UL, CSA, CE and most international certifications. IBOCO's extensive catalog features several product lines: DIN rail, DIN rail accessories, T1 slotted duct, T1-E slotted duct, T1-K black slotted duct, T1-B blue slotted duct, TS/TSH solid duct, T1H/T1EH Halogen Free slotted duct, DINOSAUR flexible duct, cable ties and attachments, Spiralite, braided expandable sleeveings, installation tools and over 40 accessories. The Company's integrated panel management systems continue to evolve and grow to meet the changing needs of panel builders. However, its overriding philosophy remains unchanged: to simplify and accelerate panel building operations including wire identification, retention and separation for panel builders, OEMs', and system integrators in a variety of industries.

A Very Extensive Line of Wiring Duct and Components

IBOCO offers an integrated system of specific solutions for panel builders' needs.

This duct system features 5 styles of duct with up to 35 duct sizes, a complete line of Din rails, and over 40 components and accessories. This combination allows for the simplification and acceleration of panel building operations such as wire retention, identification of equipment/circuits, circuit/wire separation, and the direct mounting of duct and equipment on Din rails.



The IBOCO duct system

simplifies and decreases the time required for the planning and construction of control panels by offering the ability to:

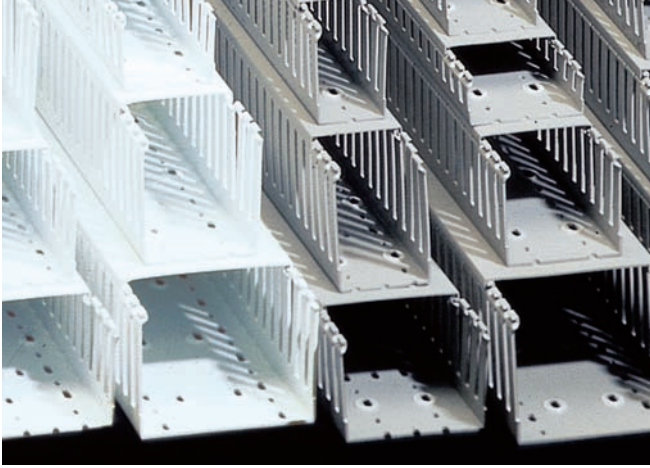
- contain the wires
- identify the switchgear
- mount the wiring duct directly onto mounting rail or internal mounting plate
- build the frame of the panel board
- retain the wires
- achieve extremely compact wiring configurations
- separate circuits with different voltages and/or functions
- form wire bundles

Table of Contents

Wiring duct series	5-9
Wiring duct covers	8
Wire Retainers	10
Wiring Duct Separators	11
Identification Tag	11
Wiring Duct Rivets	12
Cable Tie Attachments	12
Dinosaur “Flexible Duct” (New White)	13
Spiralite	14
Sleeving – Expandable Polyester (New)	14
Din Mounting Rails (New Aluminum)	15
Din Rail Mounting Clips	16
Din Rail Support Brackets	16
Din Rail Mounting Blocks	17
Din Rail-Duct Support Arms	17
Wire Fill Capacity T1/T1-E/T1H/T1EH	18
Tools	19
Cable Ties	20-21
Cable Mounts	21
Liquidtight conduit	22
Adhesive Backed Duct	23
Technical Characteristics of Materials	24
Chemical Resistant Properties of PVC	25

Alphabetical Index of Catalog Numbers

Catalog Number	Page	Catalog Number	Page
B4	12	R4	12
B6	12	R6N	12
BL-120	19	R6O	12
CL	10	RA	22
COV	8	RT4 - RT6	12
CUR	22	SEP-E	11
DC-510	19	ST	16
DCA-100	19	STS	16
DINBLOK	17	SX-15	19
DINCLIC	16	SX-15B	19
DINFIX	16	T1	5
DM	11	T1-B	7
DN-A	13	T1-E	6
G1	15	T1EH New	9
GT	22	T1H New	9
GUA	22	T1-K	7
ICM	21	TY	14
ICT	20-21	TR1	10
IG-11	15	TR1-E	10
ITT-1	19	TS / TSH	8
ITT-2A	19	WT-2	19
MSM	17	WT-2B	19
OMEGA	15	ZP1	12
P-PA (SPIRALITE)	14	ZP2	12



T1

DUCT SERIES

Material

Rigid PVC,
self-extinguishing

Color

Light GREY RAL 7030
WHITE

Standard Length

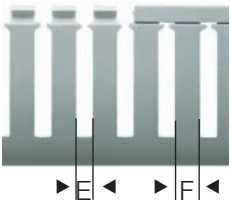
6 Feet 6 3/4 Inches

Standard Unit

Duct complete
with cover

THE MOST COMPREHENSIVE RANGE

NOMINAL 1 1/2"-2 1/4"-3"-4"



NOMINAL 5/8"-1"



All wiring ducts come complete with cover. Wiring duct covers can be sold separately: see page 8 and IBOCO Corp. Price List.

Catalog Number	Nominal Size (WxH)	Dimensions in inches (Actual)				Dimensions WxH (in millimeters)	Standard Carton (Qty)	
		W	H	E	F		Lengths (1)	Feet
T1-0506G	1/2 x 5/8	.60	.71	.20	.30	15 x 18	20	120
T1-0510G	1/2 x 1	.60	1.18	.20	.30	15 x 30	20	120
T1-0522G	1/2 x 2 1/4	.60	2.36	.20	.30	15 x 60	16	96
T1-1010*	1 x 1	1.00	1.18	.20	.30	25 x 30	18	108
T1-1015*	1 x 1 1/2	1.00	1.57	.31	.47	25 x 40	18	108
T1-1022*	1 x 2 1/4	1.00	2.36	.31	.47	25 x 60	24	144
T1-1030*	1 x 3	1.00	3.15	.31	.47	25 x 80	24	144
T1-1040*	1 x 4	1.00	3.94	.31	.47	25 x 100	8	48
T1-1515*	1 1/2 x 1 1/2	1.57	1.57	.31	.47	40 x 40	20	120
T1-1522*	1 1/2 x 2 1/4	1.57	2.36	.31	.47	40 x 60	18	108
T1-1530*	1 1/2 x 3	1.57	3.15	.31	.47	40 x 80	16	96
T1-1540*	1 1/2 x 4	1.57	3.94	.31	.47	40 x 100	8	48
T1-2215G	2 1/4 x 1 1/2	2.36	1.57	.31	.47	60 x 40	12	72
T1-2222*	2 1/4 x 2 1/4	2.36	2.36	.31	.47	60 x 60	12	72
T1-2230*	2 1/4 x 3	2.36	3.15	.31	.47	60 x 80	12	72
T1-2240*	2 1/4 x 4	2.36	3.94	.31	.47	60 x 100	4	24
T1-3015G	3 x 1 1/2	3.15	1.57	.31	.47	80 x 40	12	72
T1-3022*	3 x 2 1/4	3.15	2.36	.31	.47	80 x 60	12	72
T1-3030*	3 x 3	3.15	3.15	.31	.47	80 x 80	12	72
T1-3040*	3 x 4	3.15	3.94	.31	.47	80 x 100	4	24
T1-3050*	3 x 5	2.95	4.92	.31	.47	75 x 125	6	36
T1-4015G	4 x 1 1/2	3.94	1.57	.31	.47	100 x 40	8	48
T1-4022G	4 x 2 1/4	3.94	2.36	.31	.47	100 x 60	8	48
T1-4030*	4 x 3	3.94	3.15	.31	.47	100 x 80	8	48
T1-4040*	4 x 4	3.94	3.94	.31	.47	100 x 100	4	24
T1-4050*	4 x 5	3.94	4.92	.31	.47	100 x 125	4	24
T1-6040*	6 x 4	5.91	3.94	.31	.47	150 x 100	4	24

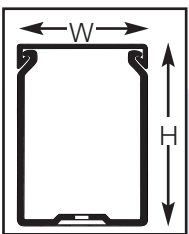
Example: T1-0510 G = 1/2"x 1" light GREY duct with cover

(1) Each standard length is actually 6'6 3/4" but is counted as 6 feet for packaging and pricing

* Color - add suffix "G" for light GREY "W" for WHITE

ADHESIVE BACKING - add suffix "A" to catalog number - contact sales office for pricing (see page 23)

Available in 1 meter length contact sales office



Non-slip cover design of minimum encumbrance and maximum grip.



Restricted slot opening for wire retaining.



Two predetermined breaklines:
- for breaking off and removal of sidewall finger segments only.
- for removal of sidewall finger and base segments.



Burr-free edges.

Recess boss for rapid mounting of components.

For wire fill capacity and base perforation of the wiring duct, see page 18.

T1-E



DUCT SERIES

Material

Rigid PVC,
self-extinguishing

Color

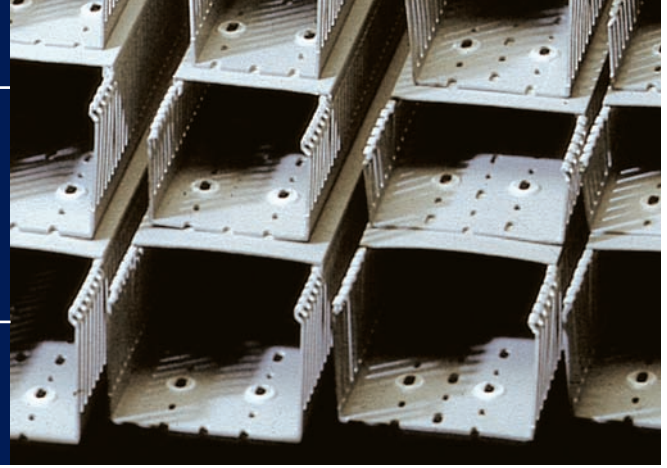
Light GREY RAL 7030
WHITE

Standard Length

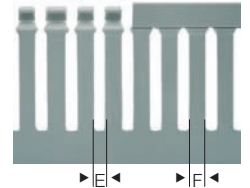
6 Feet 6 3/4 Inches

Standard Unit

Duct complete
with cover



Catalog Number	Nominal Size (WxH)	Dimensions in inches (Actual)				Dimensions WxH (in millimeters)	Standard Carton Lengths (1)	Standard Carton (Qty) Feet
		W	H	E	F			
T1E-1015*	1 x 1½	1.00	1.57	.16	.24	25x 40	18	108
T1E-1022*	1 x 2¼	1.00	2.36	.16	.24	25x 60	24	144
T1E-1030*	1 x 3	1.00	3.15	.16	.24	25x 80	24	144
T1E-1040*	1 x 4	1.00	3.94	.16	.24	25x 100	8	48
T1E-1515*	1½ x 1½	1.57	1.57	.16	.24	40x 40	20	120
T1E-1522*	1½ x 2¼	1.57	2.36	.16	.24	40x 60	18	108
T1E-1530*	1½ x 3	1.57	3.15	.16	.24	40x 80	16	96
T1E-1540*	1½ x 4	1.57	3.94	.16	.24	40x 100	8	48
T1E-2215G	2¼ x 1½	2.36	1.57	.16	.24	60x 40	12	72
T1E-2222*	2¼ x 2¼	2.36	2.36	.16	.24	60x 60	12	72
T1E-2230*	2¼ x 3	2.36	3.15	.16	.24	60x 80	12	72
T1E-2240*	2¼ x 4	2.36	3.94	.16	.24	60x 100	4	24
T1E-3015G	3 x 1½	3.15	1.57	.16	.24	80x 40	12	72
T1E-3022*	3 x 2¼	3.15	2.36	.16	.24	80x 60	12	72
T1E-3030*	3 x 3	3.15	3.15	.16	.24	80x 80	12	72
T1E-3040*	3 x 4	3.15	3.94	.16	.24	80x 100	4	24
T1E-4015G	4 x 1½	3.94	1.57	.16	.24	100x 40	8	48
T1E-4022G	4 x 2¼	3.94	2.36	.16	.24	100x 60	8	48
T1E-4030*	4 x 3	3.94	3.15	.16	.24	100x 80	8	48
T1E-4040*	4 x 4	3.94	3.94	.16	.24	100x 100	4	24



Example: T1E-1015 G = 1"x1½" light GREY duct with cover

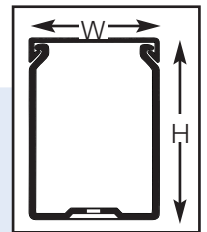
Available in 1 meter length
contact sales office

(1) Each standard length is actually 6'6 3/4"
but is counted as 6 feet for packaging and pricing

* Color - add suffix "G" for light GREY "W" for WHITE

ADHESIVE BACKING - add suffix "A" to catalog number -
contact sales office for pricing (see page 22)

All wiring ducts come complete with cover. Wiring duct covers can be sold separately: see page 8 and IBOCO Corp. Price List.



Restricted slot opening for wire retaining.

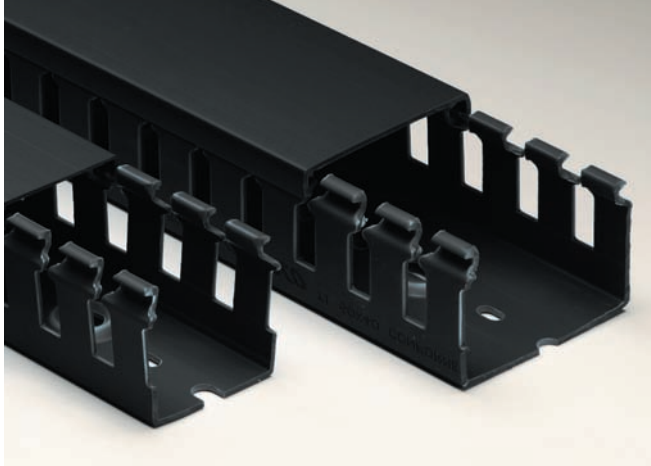
Two predetermined breaklines:
- for breaking off and removal of sidewall finger segments only.
- for removal of sidewall finger and base segments.

Burr-free edges.

Recess boss for rapid mounting of components.

Non-slip cover design of minimum encumbrance and maximum grip.

For wire fill capacity and base perforation of the wiring duct, see page 18.



T1-K

DUCT SERIES

Material

Rigid PVC,
self-extinguishing

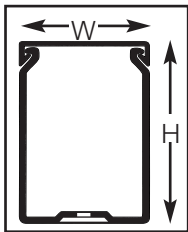
Color
BLACK

Standard Length

6 Feet 6 3/4 Inches

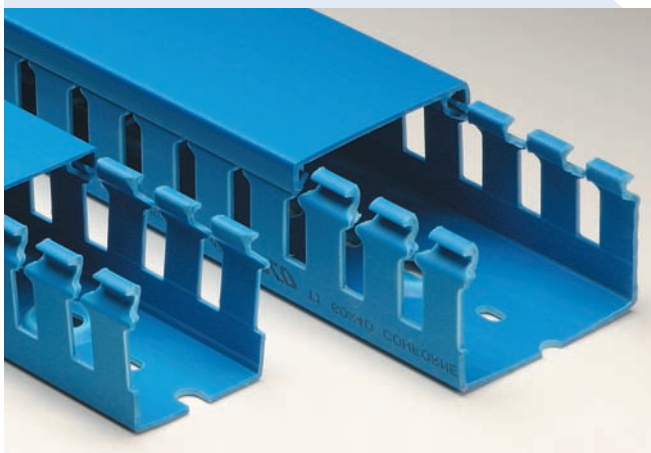
Standard Unit

Duct complete
with cover



Catalog Number	Nominal Size (WxH)	Dimensions in inches (Actual)				Dimensions WxH (in millimeters)	Standard Carton (Qty)	
		W	H	E	F		Lengths (1)	Feet
T1-1040K	1 x 4	1.00	3.94	.31	.47	25x100	8	48
T1-1530K	1½ x 3	1.57	3.15	.31	.47	40x 80	16	96
T1-2222K	2¼ x 2¼	2.36	2.36	.31	.47	60x 60	12	72
T1-2240K	2¼ x 4	2.36	3.94	.31	.47	60x100	4	24
T1-3030K	3 x 3	3.15	3.15	.31	.47	80x 80	12	72
T1-3040K	3 x 4	3.15	3.94	.31	.47	80x100	4	24
T1-3050K	3 x 5	2.95	4.92	.31	.47	75x125	6	36
T1-4040K	4 x 4	3.94	3.94	.31	.47	100x100	4	24
T1-4050K	4 x 5	3.94	4.92	.31	.47	100x125	4	24

For special sizes contact sales office



T1-B

Material

Rigid PVC,
self-extinguishing

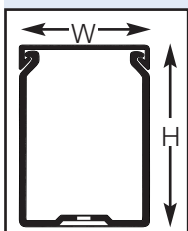
Color
BLUE RAL 5015

Standard Length

6 Feet 6 3/4 Inches

Standard Unit

Duct complete
with cover



Catalog Number	Nominal Size (WxH)	Dimensions in inches (Actual)				Dimensions WxH (in millimeters)	Standard Carton (Qty)	
		W	H	E	F		Lengths (1)	Feet
T1-1010B	1 x 1	1.00	1.18	.20	.30	25 x 30	18	108
T1-1022B	1 x 2¼	1.00	2.36	.31	.47	25 x 60	24	144
T1-1030B	1 x 3	1.00	3.15	.31	.47	25 x 80	24	144
T1-1515B	1½ x 1½	1.57	1.57	.31	.47	40x 40	20	120
T1-1522B	1½ x 2¼	1.57	2.36	.31	.47	40x 60	18	108
T1-1530B	1½ x 3	1.57	3.15	.31	.47	40x 80	16	96
T1-2215B	2¼ x 1½	2.36	1.57	.31	.47	60x 40	12	72
T1-2222B	2¼ x 2¼	2.36	2.36	.31	.47	60x 60	12	72
T1-2230B	2¼ x 3	2.36	3.15	.31	.47	60x 80	12	72
T1-3030B	3 x 3	3.15	3.15	.31	.47	80x 80	12	72
T1-3050B	3 x 5	2.95	4.92	.31	.47	75x 125	6	36
T1-4030B	4 x 3	3.94	3.15	.31	.47	100x 80	8	48
T1-4040B	4 x 4	3.94	3.94	.31	.47	100x100	4	24

Blue color duct recognized for intrinsic safe circuits

NOTE : 1) Each standard length is 6' 6¾" but is considered as 6 feet for the purpose of pricing and packaging.

TS / TSH

DUCT SERIES



Material

Rigid PVC,
self-extinguishing

Color

Light GREY RAL 7030

Standard Length

6 Feet 6 3/4 Inches

Standard Unit

Duct complete
with cover

Catalog Number	Nominal Size (WxH)	Dimensions in inches (Actual)		Dimensions WxH (in millimeters)	Standard Carton (Qty)	
		W	H		Lengths (1)	Feet
TS/TSH-0506G	1/2 x 5/8	.60	.71	15x 18	20	120
TS/TSH-0510G	1/2 x 1	.60	1.18	15x 30	20	120
TS/TSH-1010G	1 x 1	1.00	1.18	25x 30	18	108
TS/TSH-1015G	1 x 1 1/2	1.00	1.57	25x 40	18	108
TS/TSH-1030G	1 x 3	1.00	3.15	25x 80	24	144
TS/TSH-1515G	1 1/2 x 1 1/2	1.57	1.57	40x 40	20	120
TS/TSH-1522G	1 1/2 x 2 1/4	1.57	2.36	40x 60	18	108
TS/TSH-1530G	1 1/2 x 3	1.57	3.15	40x 80	16	96
TS/TSH-2222G	2 1/4 x 2 1/4	2.36	2.36	60x 60	12	72
TS/TSH-2230G	2 1/4 x 3	2.36	3.15	60x 80	12	72
TS/TSH-3022G	3 x 2 1/4	3.15	2.36	80x 60	12	72
TS/TSH-3030G	3 x 3	3.15	3.15	80x 80	12	72
TS/TSH-3040G	3 x 4	3.15	3.94	80x100	4	24
TS/TSH-4030G	4 x 3	3.94	3.15	100x 80	8	48
TS/TSH-4040G	4 x 4	3.94	3.94	100x100	4	24

Optional adhesive backing available: add suffix "A" to catalog number.
Contact the IBOCO sales office for pricing (see page 23).

**TS - Solid duct
less mtg. holes**

**TSH - Solid duct
with mtg. holes**

COV/COV-H

COV COVER FOR T1 / T1-E / TS / TSH

Material

Rigid PVC,
self-extinguishing

Color

Light GREY RAL 7030
WHITE

COV-H COVER FOR T1H / T1EH

Material

Halogen Free

Color

Light GREY RAL 7035



Catalog Number	Standard Carton Lengths (1)	Standard Carton (Qty.) Feet
COV-05*	25	150
COV-10*	25	150
COV-15*	25	150
COV-22*	25	150
COV-30*	25	150
COV-40*	20	120
COV-60*	20	120

* Color - add suffix "G" for light GREY RAL 7030
"W" for WHITE
For blue or black covers contact sales office

(1) Each standard length is actually 6' 6 3/4" but is counted as 6 feet for packaging and pricing

Catalog Number	Standard Carton Lengths (1)	Standard Carton (Qty.) Feet
COV-10H	10	60
COV-15H	10	60
COV-20H	10	60
COV-30H	10	60
COV-40H	10	60

(1) Each standard length is actually 6' 6 3/4" but is counted as 6 feet for packaging and pricing