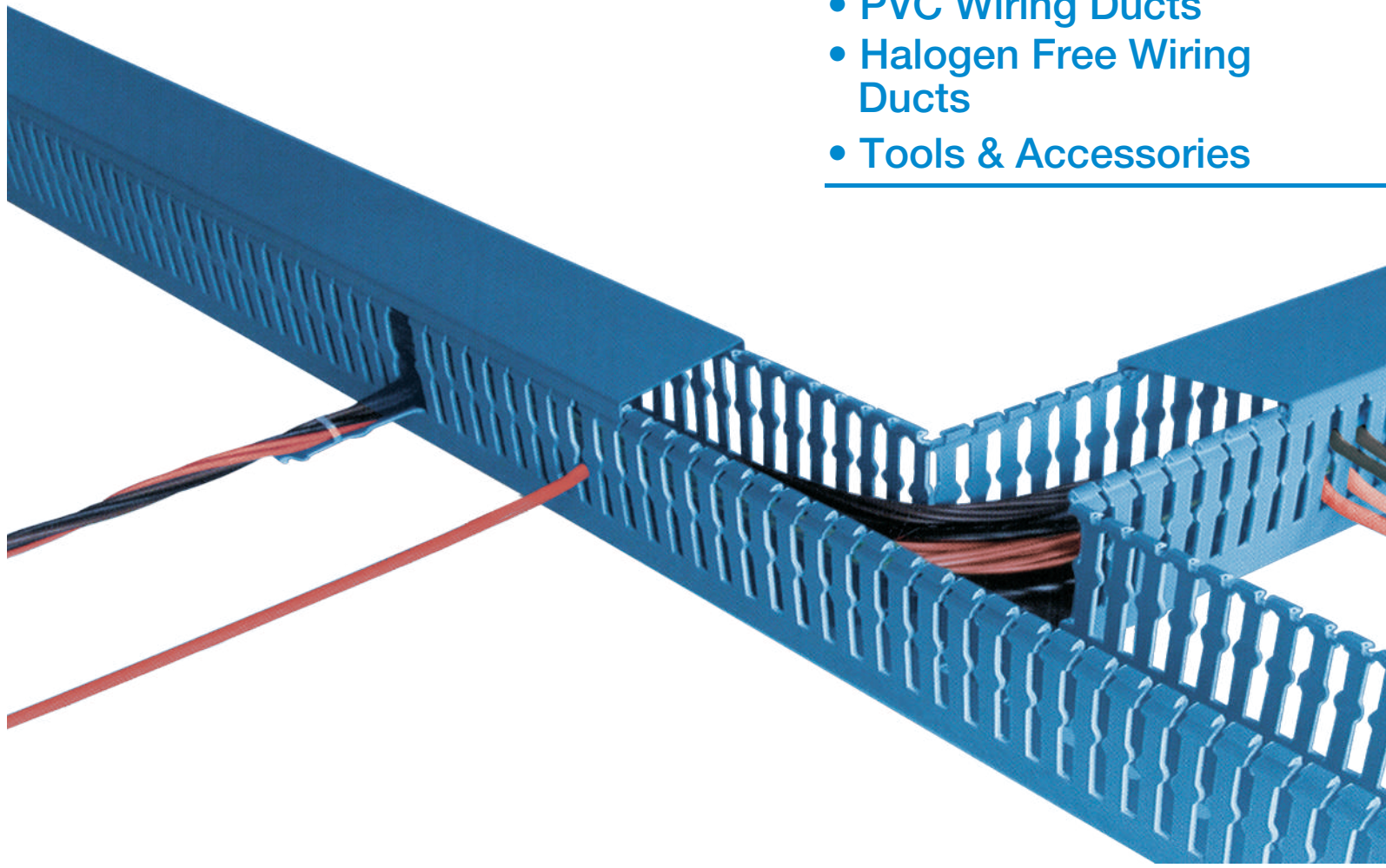




WIRING DUCTS

WIRE MANAGEMENT SOLUTIONS

- PVC Wiring Ducts
- Halogen Free Wiring Ducts
- Tools & Accessories



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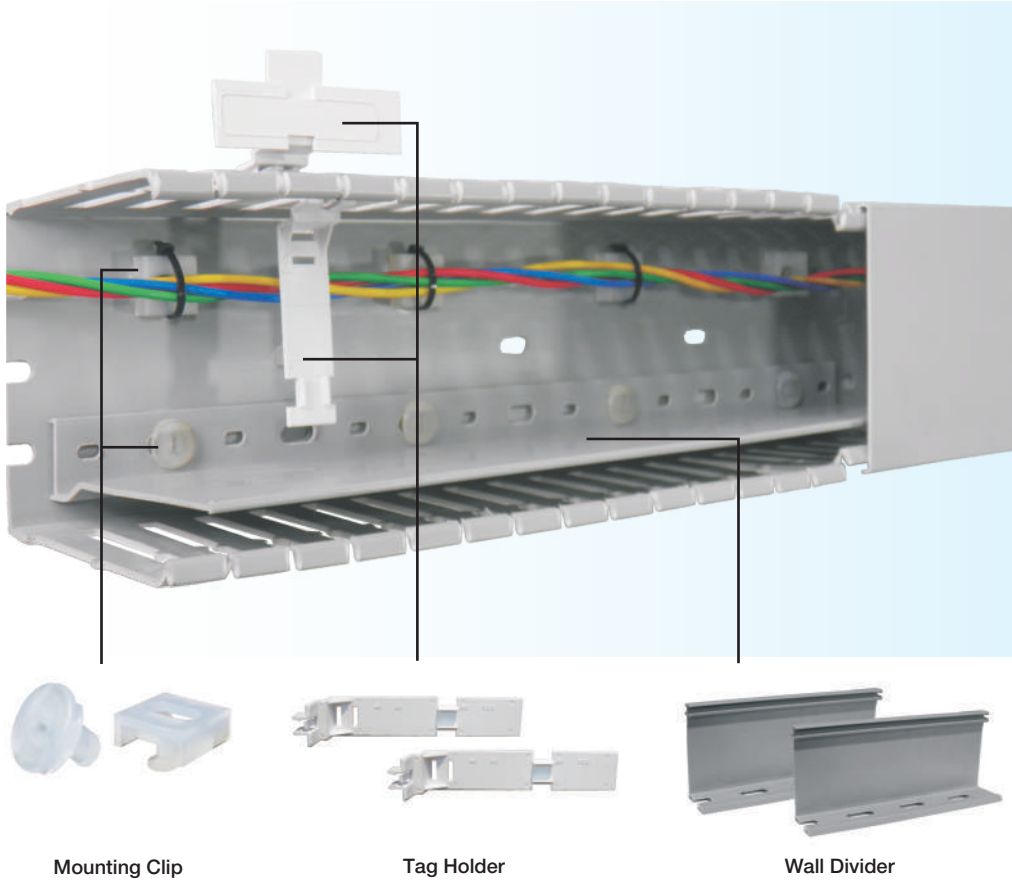


SIMPLY SOLUTIONS

Wiring Ducts





Trinity Touch provides state-of-art Wiring Ducts

Trinity Touch Wiring Ducts are the premium products, available in wide range to accommodate wires and cables for the smallest wall mounted panel to larger integrated systems.



Available in All Colours

Stocked in 4 colours

	Blue (RAL 5015)		Grey (RAL 7042)
	White (RAL 9016)		Black (RAL 9005)

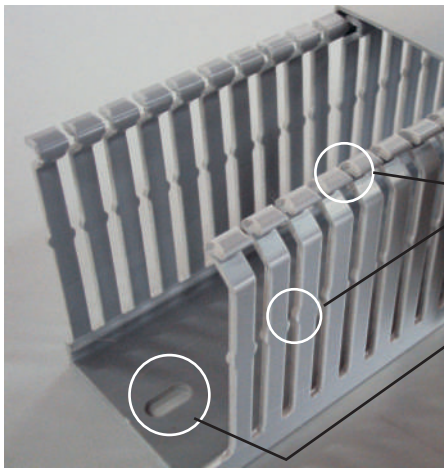


Formula for Calculating Fill Capacity

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

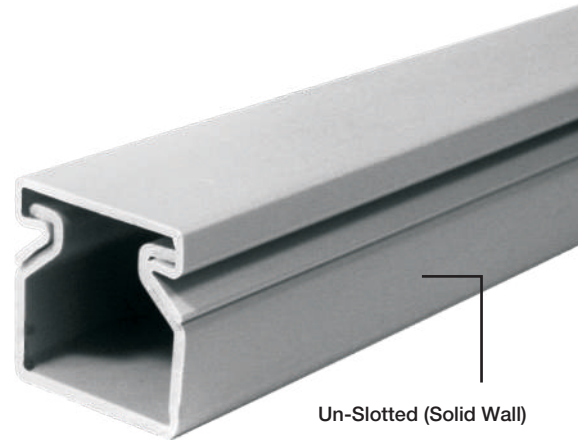


Duct Wire Calculator
also available on website

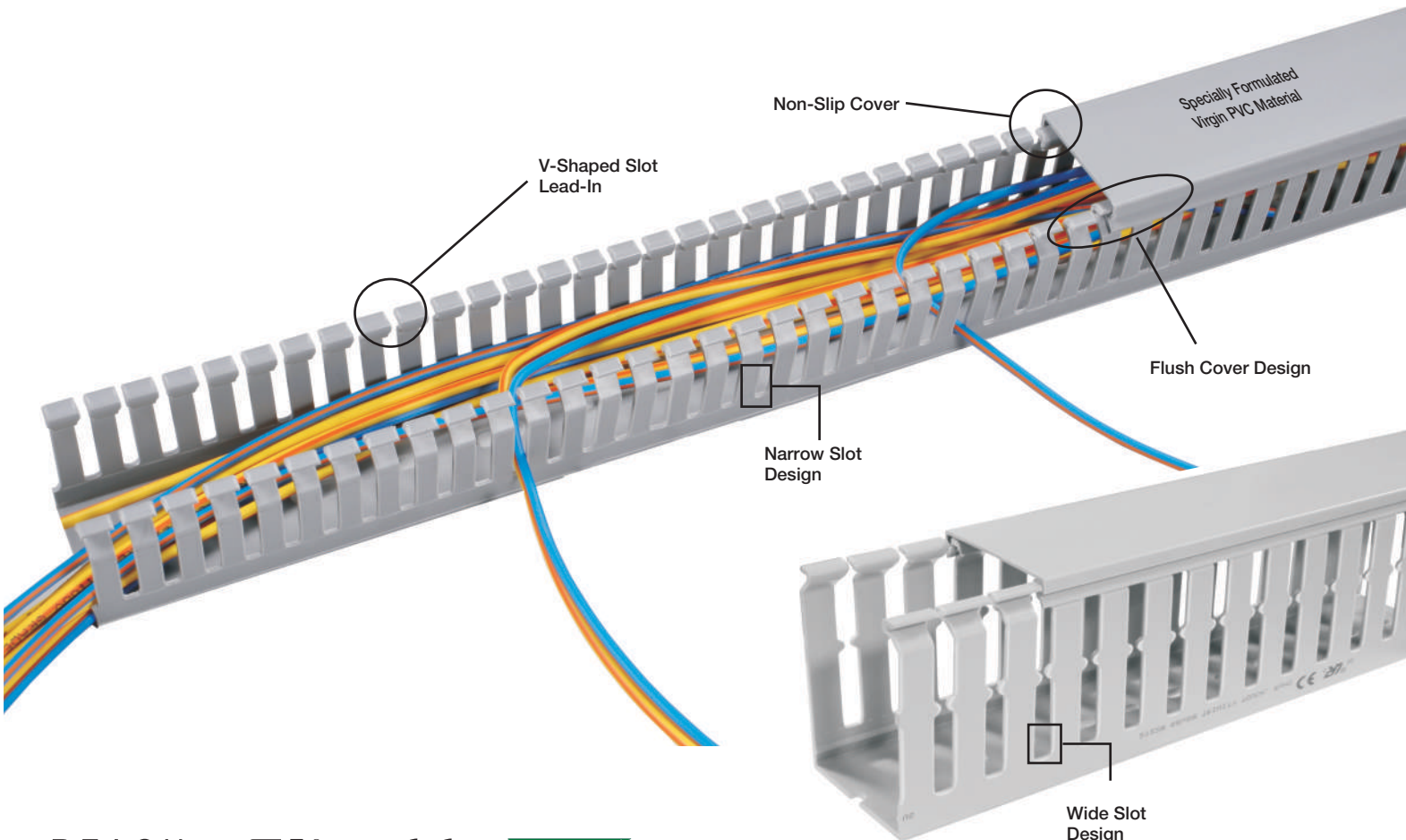


Double Restricted Slot

Mounting Hole Pattern
According to DIN 43659



Un-Slotted (Solid Wall)



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CE

RoHS[✓]

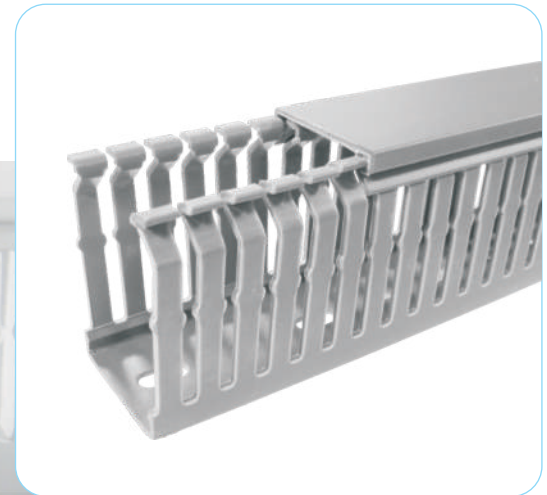
Wiring Ducts - Narrow Slot

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SN	Article No.	Type	Description	Double Restricted Slot *	Duct Size WxH(mm)	Duct Size WxH(inch)	Meter/Box
1	01 17 01250	TBWDN25X25LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	-	25 x 25	0.98 x 0.98	120
2	01 17 06962	TBWDN25X30LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	-	25 x 30	0.98 x 1.18	96
3	01 17 01066	TBWDN25X40LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	-	25 x 40	0.98 x 1.57	96
4	01 17 01586	TBWDN25X45LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	-	25 x 45	0.98 x 1.77	96
5	01 17 01251	TBWDN25X60LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	25 x 60	0.98 x 2.36	72
6	01 17 01588	TBWDN25X80LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	25 x 80	0.98 x 3.15	48
7	01 17 01584	TBWDN25X100LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	25 x 100	0.98 x 3.94	48
8	01 17 06961	TBWDN30X40LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	-	30 x 40	1.18 x 1.57	80
9	01 17 01252	TBWDN30X80LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	30 x 80	1.18 x 3.15	40
10	01 17 06410	TBWDN40X25LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	-	40 x 25	1.57 x 0.98	96
11	01 17 01068	TBWDN40X40LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	-	40 x 40	1.57 x 1.57	64
12	01 17 01070	TBWDN40X60LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	40 x 60	1.57 x 2.36	48
13	01 17 01072	TBWDN40X80LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	40 x 80	1.57 x 3.15	32
14	01 17 01253	TBWDN40X100LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	40 x 100	1.57 x 3.94	32
15	01 17 01590	TBWDN45X45LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	-	45 x 45	1.77 x 1.77	64
16	01 17 04064	TBWDN45X60LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	45 x 60	1.77 x 2.36	48
17	01 17 06414	TBWDN45X80LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	45 x 80	1.77 x 3.15	32
18	01 17 01592	TBWDN60X40LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	-	60 x 40	2.36 x 1.57	36
19	01 17 05265	TBWDN60X45LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	-	60 x 45	2.36 x 1.77	36
20	01 17 01074	TBWDN60X60LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	60 x 60	2.36 x 2.36	36
21	01 17 01076	TBWDN60X80LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	60 x 80	2.36 x 3.15	24
22	01 17 01254	TBWDN60X100LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	60 x 100	2.36 x 3.94	24
23	01 17 01596	TBWDN80X40LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	-	80 x 40	3.15 x 1.57	24
24	01 17 01598	TBWDN80X60LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	80 x 60	3.15 x 2.36	24
25	01 17 01255	TBWDN80X80LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	80 x 80	3.15 x 3.15	16
26	01 17 01594	TBWDN80X100LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	80 x 100	3.15 x 3.94	16
27	01 17 01582	TBWDN100X60LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	100 x 60	3.94 x 2.36	24
28	01 17 02670	TBWDN100X80LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	100 x 80	3.94 x 3.15	16
29	01 17 01256	TBWDN100X100LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	100 x 100	3.94 x 3.94	16
30	01 17 02672	TBWDN120X80LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	120 x 80	4.72 x 3.15	12
31	# 01 17 04986	TBWDN150X100LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	150 x 100	5.90 x 3.94	8

Wiring Ducts also available in 1 meter with different colors.

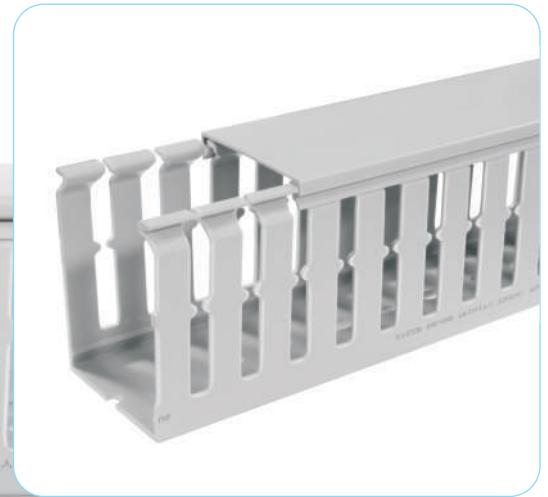
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* See page no. 13

Wiring Ducts - Wide Slot

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SN	Article No.	Type	Description	Double Restricted Slot *	Duct Size WxH(mm)	Duct Size WxH(inch)	Meter/Box
1	01 17 02546	TBWDW25X25LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	–	25 x 25	0.98 x 0.98	120
2	01 17 06966	TBWDW25X30LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	–	25 x 30	0.98 x 1.18	96
3	01 17 02547	TBWDW25X40LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	–	25 x 40	0.98 x 1.57	96
4	01 17 02548	TBWDW25X45LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	–	25 x 45	0.98 x 1.77	96
5	01 17 02549	TBWDW25X60LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	25 x 60	0.98 x 2.36	72
6	01 17 02517	TBWDW25X80LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	25 x 80	0.98 x 3.15	48
7	01 17 02550	TBWDW25X100LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	25 x 100	0.98 x 3.94	48
8	01 17 06967	TBWDW30X40LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	–	30 x 40	1.18 x 1.57	80
9	01 17 02519	TBWDW30X80LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	30 x 80	1.18 x 3.15	40
10	01 17 06508	TBWDW40X25LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	–	40 x 25	1.57 x 0.98	96
11	01 17 02551	TBWDW40X40LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	–	40 x 40	1.57 x 1.57	64
12	01 17 02552	TBWDW40X60LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	40 x 60	1.57 x 2.36	48
13	01 17 02521	TBWDW40X80LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	40 x 80	1.57 x 3.15	32
14	01 17 02553	TBWDW40X100LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	40 x 100	1.57 x 3.94	32
15	01 17 02554	TBWDW45X45LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	–	45 x 45	1.77 x 1.77	64
16	01 17 04068	TBWDW45X60LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	45 x 60	1.77 x 2.36	48
17	01 17 06506	TBWDW45X80LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	45 x 80	1.77 x 3.15	32
18	01 17 02555	TBWDW60X40LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	–	60 x 40	2.36 x 1.57	36
19	01 17 05262	TBWDW60X45LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	–	60 x 45	2.36 x 1.77	36
20	01 17 02556	TBWDW60X60LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	60 x 60	2.36 x 2.36	36
21	01 17 02523	TBWDW60X80LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	60 x 80	2.36 x 3.15	24
22	01 17 02557	TBWDW60X100LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	60 x 100	2.36 x 3.94	24
23	01 17 02558	TBWDW80X40LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	–	80 x 40	3.15 x 1.57	24
24	01 17 02559	TBWDW80X60LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	80 x 60	3.15 x 2.36	24
25	01 17 02525	TBWDW80X80LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	80 x 80	3.15 x 3.15	16
26	01 17 04881	TBWDW80X100LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	80 x 100	3.15 x 3.94	16
27	01 17 05138	TBWDW100X60LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	100 x 60	3.94 x 2.36	24
28	01 17 02674	TBWDW100X80LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	100 x 80	3.94 x 3.15	16
29	01 17 02562	TBWDW100X100LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	100 x 100	3.94 x 3.94	16
30	01 17 02676	TBWDW120X80LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	120 x 80	4.72 x 3.15	12
31	#01 17 05304	TBWDW150X100LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	150 x 100	5.90 x 3.94	8

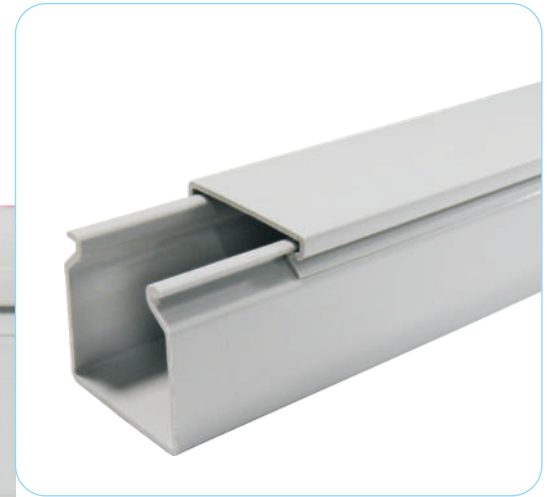
Wiring Ducts also available in 1 meter with different colors.

* See page no. 13

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Wiring Ducts - Un-Slotted (Solid Wall)

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SN	Article No.	Type	Description	Duct Size WxH(mm)	Duct Size WxH(inch)	Meter/Box
1	01 17 01236	TBWDS25X25LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	25 x 25	0.98 x 0.98	120
2	01 17 06968	TBWDS25X30LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	25 x 30	0.98 x 1.18	96
3	01 17 01084	TBWDS25X40LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	25 x 40	0.98 x 1.57	96
4	01 17 01604	TBWDS25X45LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	25 x 45	0.98 x 1.77	96
5	01 17 01237	TBWDS25X60LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	25 x 60	0.98 x 2.36	72
6	01 17 01606	TBWDS25X80LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	25 x 80	0.98 x 3.15	48
7	01 17 01602	TBWDS25X100LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	25 x 100	0.98 x 3.94	48
8	01 17 06969	TBWDS30X40LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	30 x 40	1.18 x 1.57	80
9	01 17 01238	TBWDS30X80LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	30 x 80	1.18 x 3.15	40
10	01 17 06509	TBWDS40X25LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	40 x 25	1.57 x 0.98	96
11	01 17 01085	TBWDS40X40LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	40 x 40	1.57 x 1.57	64
12	01 17 01083	TBWDS40X60LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	40 x 60	1.57 x 2.36	48
13	01 17 01086	TBWDS40X80LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	40 x 80	1.57 x 3.15	32
14	01 17 01239	TBWDS40X100LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	40 x 100	1.57 x 3.94	32
15	01 17 01608	TBWDS45X45LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	45 x 45	1.77 x 1.77	64
16	01 17 04066	TBWDS45X60LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	45 x 60	1.77 x 2.36	48
17	01 17 06507	TBWDS45X80LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	45 x 80	1.77 x 3.15	32
18	01 17 01610	TBWDS60X40LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	60 x 40	2.36 x 1.57	36
19	01 17 05264	TBWDS60X45LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	60 x 45	2.36 x 1.77	36
20	01 17 01088	TBWDS60X60LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	60 x 60	2.36 x 2.36	36
21	01 17 01087	TBWDS60X80LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	60 x 80	2.36 x 3.15	24
22	01 17 01240	TBWDS60X100LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	60 x 100	2.36 x 3.94	24
23	01 17 01614	TBWDS80X40LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	80 x 40	3.15 x 1.57	24
24	01 17 01616	TBWDS80X60LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	80 x 60	3.15 x 2.36	24
25	01 17 01241	TBWDS80X80LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	80 x 80	3.15 x 3.15	16
26	01 17 01612	TBWDS80X100LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	80 x 100	3.15 x 3.94	16
27	01 17 01600	TBWDS100X60LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	100 x 60	3.94 x 2.36	24
28	01 17 02736	TBWDS100X80LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	100 x 80	3.94 x 3.15	16
29	01 17 01242	TBWDS100X100LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	100 x 100	3.94 x 3.94	16
30	01 17 02737	TBWDS120X80LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	120 x 80	4.72 x 3.15	12
31	01 17 05305	TBWDS150X100LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	150 x 100	5.90 x 3.94	8

Wiring Ducts also available in 1 meter with different colors.

Typical Raw Material Properties of PVC Wiring Ducts

Property	Units	ASTM Test	Test Value
Specific Gravity	...	D792	1.43
IZOD Impact Strength	Kg.cm/cm	D256	7.5
Flexural Strength	Psi	D790	10900
Flexural Module	Psi	D790	382000
Tensile Strength	Psi	D638	5500
Compressive Strength	Psi	D695	8600
Water Absorption	24Hrs-%	D570	0.1
Hardness	Shore D	D785	78D
Dielectric Strength 50Hz, 25°C,s/t	Kv/mm	D149	36
Volume Resistivity	Ohm-cm	D257	6.1X10 ¹
Heat Deflecting °F @ 264 psi	°F	D648	Up to 158 (70°C)
UL 94 - Flammability	V0 RoHS

For guidance only

Subject to change in the interest of technical progress

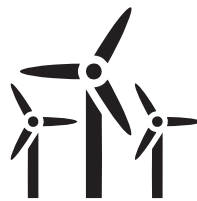
Application Area



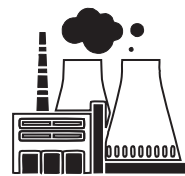
Cabinet Building



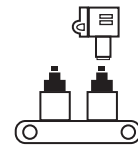
Telecom Industry



Wind Industry



Power Industry



Process Industry

Notes

New in this brochure :

- New sizes 25x30, 30x40, 40x25 & 45x80 (WxH) in PVC wiring ducts.

Wiring Ducts - Halogen Free



Halogen Free for Highest Safety

Maximum reliability for sensitive environment

Why change from Polyvinyl Chloride (PVC) to Low Smoke Zero Halogen (LSZH) products?

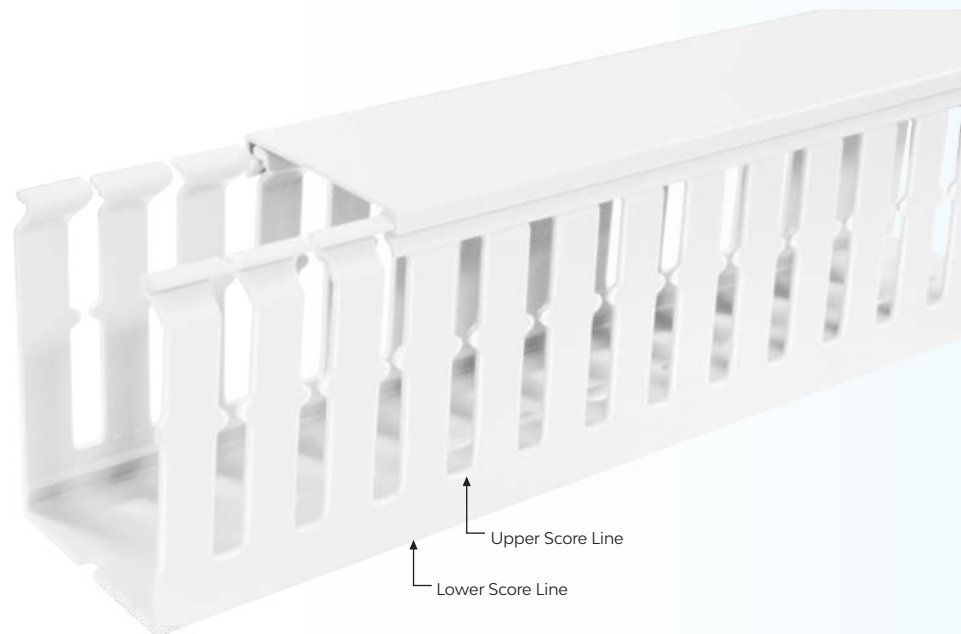
When PVC or other traditional plastics ignite in a fire, they emit corrosive & toxic gases like Chlorine. Moreover, these are soluble in moisture, forming Hydrochloric acid, which destroy electronics, semiconductors and intrinsic electrical circuits.

While smoke travels containing toxic element, it can be fatally hazardous to humans if they cannot escape from that area.

Toxic fumes are not only a serious health risk but also cause serious damage and problems to crucial machineries and intrinsic devices.

Halogen Free wires and cables are already compulsory in many areas as they are safer. In the same way, Halogen free wiring duct is most important within enclosed spaces where the exits are limited; such as Public Transport, Hospitals, Malls etc. What is the use of Halogen free cables if the wiring ducts contain dangerous material?

For example: Hospitals, Airport Terminals, Concert Halls, Sports Stadiums, Railway Stations, Ships, Offshore Oil and Gas platforms, Multistory Buildings and Nuclear Power.



Wide Acceptability

Trinity Touch halogen free wiring ducts are outstanding not only for high quality standards and superior technical characteristics. But also, for the variety of models and proven easy installation.

LSZH material properties - Unique PC/ABS blend

Our halogen free wiring ducts are made from a special purpose LSZH and flame retardant PC/ABS blend containing **NO Bromide, NO Chlorine and NO Fluorine**. It still offers high impact strength and excellent characteristics used for higher temperature applications. These are in compliance with Standard VDE 0472/815 for wiring ducts.

LSZH material also has characteristics of self extinguishing, UL94 flammability rating of V-0 for continuous use temperatures up to 203°F (95°C), it is RoHS (Lead Free) compliant, environmentally safe and is 20% lighter than PVC.

Our LSZH material is resistance to abnormal heat and fire. it has proven dimensional stability between -40 and +100 °C. The halogen free wiring ducts are manufactured in compliance with the Standard EN 50085-2-3. Ideal for application where public safety during a fire is a concern.

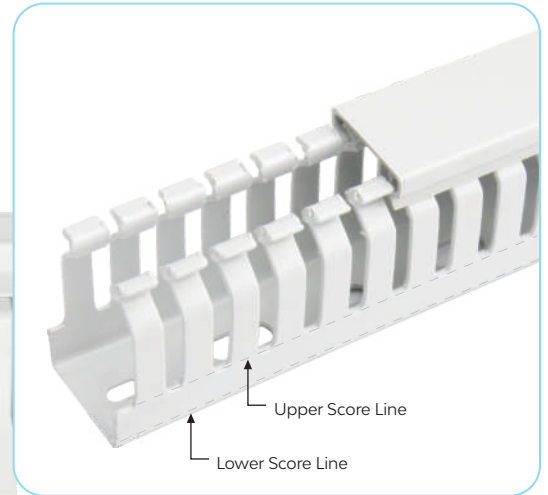
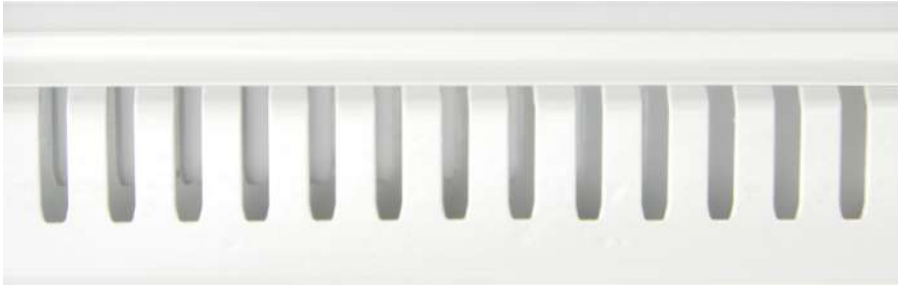
Conform to : EN 50085 -2 -3, UL-94V0, RoHS, DIN 43659

Colour : Light Grey (RAL 7035), Blue (RAL 5015).

Wiring Ducts Halogen Free-Narrow Slot

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RoHS

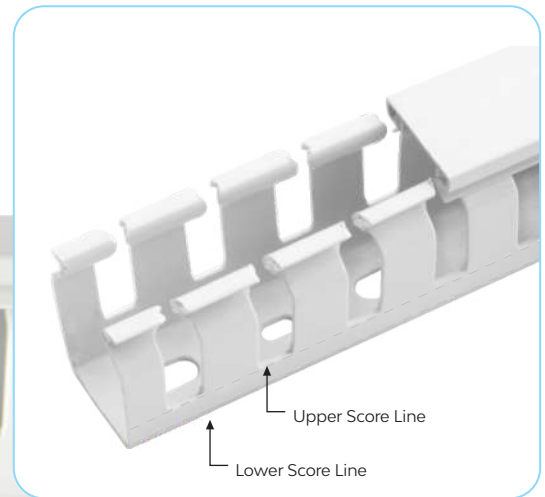


SN	Article No.	Type	Description	Double Restricted Slot *	Duct Size WxH(mm)	Duct Size WxH(inch)	Meter/Box
1	01 17 06680	HF25X25SG2N	Halogen Free Narrow Slot, Silver Grey, 2 Meter	-	25 x 25	0.98 x 0.98	120
2	01 17 03447	HF25X40SG2N	Halogen Free Narrow Slot, Silver Grey, 2 Meter	-	25 x 40	0.98 x 1.18	96
3	01 17 06681	HF25X60SG2N	Halogen Free Narrow Slot, Silver Grey, 2 Meter	✓	25 x 60	0.98 x 1.57	72
4	01 17 05299	HF25X80SG2N	Halogen Free Narrow Slot, Silver Grey, 2 Meter	✓	25 x 80	0.98 x 1.77	48
5	01 17 06407	HF30X40SG2N	Halogen Free Narrow Slot, Silver Grey, 2 Meter	-	30 x 40	0.98 x 2.36	80
6	01 17 06408	HF30X60SG2N	Halogen Free Narrow Slot, Silver Grey, 2 Meter	✓	30 x 60	0.98 x 3.15	60
7	01 17 06682	HF30X80SG2N	Halogen Free Narrow Slot, Silver Grey, 2 Meter	✓	30 x 80	0.98 x 3.94	40
8	01 1706683	HF30X100SG2N	Halogen Free Narrow Slot, Silver Grey, 2 Meter	✓	30 x 100	1.18 x 1.57	40
9	01 17 06409	HF40X30SG2N	Halogen Free Narrow Slot, Silver Grey, 2 Meter	-	40 x 30	1.18 x 3.15	64
10	01 17 03438	HF40X40SG2N	Halogen Free Narrow Slot, Silver Grey, 2 Meter	-	40 x 40	1.57 x 0.98	64
11	01 17 05240	HF40X60SG2N	Halogen Free Narrow Slot, Silver Grey, 2 Meter	✓	40 x 60	1.57 x 1.57	48
12	01 17 03465	HF40X80SG2N	Halogen Free Narrow Slot, Silver Grey, 2 Meter	✓	40 x 80	1.57 x 2.36	32
13	01 17 03456	HF40X100SG2N	Halogen Free Narrow Slot, Silver Grey, 2 Meter	✓	40 x 100	1.57 x 3.15	32
14	01 17 06684	HF60X40SG2N	Halogen Free Narrow Slot, Silver Grey, 2 Meter	-	60 x 40	1.57 x 3.94	36
15	01 17 06685	HF60X60SG2N	Halogen Free Narrow Slot, Silver Grey, 2 Meter	✓	60 x 60	1.77 x 1.77	36
16	01 17 03487	HF60X80SG2N	Halogen Free Narrow Slot, Silver Grey, 2 Meter	✓	60 x 80	1.77 x 2.36	24
17	01 17 03496	HF60X100SG2N	Halogen Free Narrow Slot, Silver Grey, 2 Meter	✓	60 x 100	1.77 x 3.15	24
18	01 17 06686	HF80X25SG2N	Halogen Free Narrow Slot, Silver Grey, 2 Meter	-	80 x 25	2.36 x 1.57	24
19	01 17 06687	HF80X40SG2N	Halogen Free Narrow Slot, Silver Grey, 2 Meter	-	80 x 40	2.36 x 1.77	24
20	01 17 06688	HF80X60SG2N	Halogen Free Narrow Slot, Silver Grey, 2 Meter	✓	80 x 60	2.36 x 2.36	24
21	01 17 03474	HF80X80SG2N	Halogen Free Narrow Slot, Silver Grey, 2 Meter	✓	80 x 80	2.36 x 3.15	16
22	01 17 03505	HF80X100SG2N	Halogen Free Narrow Slot, Silver Grey, 2 Meter	✓	80 x 100	2.36 x 3.94	16
23	01 17 06689	HF100X40SG2N	Halogen Free Narrow Slot, Silver Grey, 2 Meter	-	100 x 40	3.15 x 1.57	24
24	01 17 06690	HF100X60SG2N	Halogen Free Narrow Slot, Silver Grey, 2 Meter	✓	100 x 60	3.15 x 2.36	24
25	01 17 06691	HF100X80SG2N	Halogen Free Narrow Slot, Silver Grey, 2 Meter	✓	100 x 80	3.15 x 3.15	16
26	01 17 03514	HF100X100SG2N	Halogen Free Narrow Slot, Silver Grey, 2 Meter	✓	100 x 100	3.15 x 3.94	16
27	01 17 06693	HF120X60SG2N	Halogen Free Narrow Slot, Silver Grey, 2 Meter	✓	120 x 60	3.94 x 2.36	12
28	01 17 06692	HF120X80SG2N	Halogen Free Narrow Slot, Silver Grey, 2 Meter	✓	120 x 80	3.94 x 3.15	12

Wiring Ducts also available in 1 meter with different colours.

* See page no. 13

Wiring Ducts Halogen Free-Wide Slot



SN	Article No.	Type	Description	Double Restricted Slot *	Duct Size WxH(mm)	Duct Size WxH(inch)	Meter/Box
1	01 17 06946	HF25X25SG2W	Halogen Free Wide Slot, Silver Grey, 2 Meter	-	25 x 25	0.98 x 0.98	120
2	01 17 03449	HF25X40SG2W	Halogen Free Wide Slot, Silver Grey, 2 Meter	-	25 x 40	0.98 x 1.18	96
3	01 17 06947	HF25X60SG2W	Halogen Free Wide Slot, Silver Grey, 2 Meter	✓	25 x 60	0.98 x 1.57	72
4	01 17 05300	HF25X80SG2W	Halogen Free Wide Slot, Silver Grey, 2 Meter	✓	25 x 80	0.98 x 1.77	48
5	01 17 06514	HF30X40SG2W	Halogen Free Wide Slot, Silver Grey, 2 Meter	-	30 x 40	0.98 x 2.36	80
6	01 17 06518	HF30X60SG2W	Halogen Free Wide Slot, Silver Grey, 2 Meter	✓	30 x 60	0.98 x 3.15	60
7	01 17 06948	HF30X80SG2W	Halogen Free Wide Slot, Silver Grey, 2 Meter	✓	30 x 80	0.98 x 3.94	40
8	01 17 06949	HF30X100SG2W	Halogen Free Wide Slot, Silver Grey, 2 Meter	✓	30 x 100	1.18 x 1.57	40
9	01 17 06516	HF40X30SG2W	Halogen Free Wide Slot, Silver Grey, 2 Meter	-	40 x 30	1.18 x 3.15	64
10	01 17 03440	HF40X40SG2W	Halogen Free Wide Slot, Silver Grey, 2 Meter	-	40 x 40	1.57 x 0.98	64
11	01 17 05302	HF40X60SG2W	Halogen Free Wide Slot, Silver Grey, 2 Meter	✓	40 x 60	1.57 x 1.57	48
12	01 17 03467	HF40X80SG2W	Halogen Free Wide Slot, Silver Grey, 2 Meter	✓	40 x 80	1.57 x 2.36	32
13	01 17 03458	HF40X100SG2W	Halogen Free Wide Slot, Silver Grey, 2 Meter	✓	40 x 100	1.57 x 3.15	32
14	01 17 06950	HF60X40SG2W	Halogen Free Wide Slot, Silver Grey, 2 Meter	-	60 x 40	1.57 x 3.94	36
15	01 17 06951	HF60X60SG2W	Halogen Free Wide Slot, Silver Grey, 2 Meter	✓	60 x 60	1.77 x 1.77	36
16	01 17 03489	HF60X80SG2W	Halogen Free Wide Slot, Silver Grey, 2 Meter	✓	60 x 80	1.77 x 2.36	24
17	01 17 03498	HF60X100SG2W	Halogen Free Wide Slot, Silver Grey, 2 Meter	✓	60 x 100	1.77 x 3.15	24
18	01 17 06952	HF80X25SG2W	Halogen Free Wide Slot, Silver Grey, 2 Meter	-	80 x 25	2.36 x 1.57	24
19	01 17 06953	HF80X40SG2W	Halogen Free Wide Slot, Silver Grey, 2 Meter	-	80 x 40	2.36 x 1.77	24
20	01 17 06954	HF80X60SG2W	Halogen Free Wide Slot, Silver Grey, 2 Meter	✓	80 x 60	2.36 x 2.36	24
21	01 17 03476	HF80X80SG2W	Halogen Free Wide Slot, Silver Grey, 2 Meter	✓	80 x 80	2.36 x 3.15	16
22	01 17 03507	HF80X100SG2W	Halogen Free Wide Slot, Silver Grey, 2 Meter	✓	80 x 100	2.36 x 3.94	16
23	01 17 06955	HF100X40SG2W	Halogen Free Wide Slot, Silver Grey, 2 Meter	-	100 x 40	3.15 x 1.57	24
24	01 17 06956	HF100X60SG2W	Halogen Free Wide Slot, Silver Grey, 2 Meter	✓	100 x 60	3.15 x 2.36	24
25	01 17 06957	HF100X80SG2W	Halogen Free Wide Slot, Silver Grey, 2 Meter	✓	100 x 80	3.15 x 3.15	16
26	01 17 03516	HF100X100SG2W	Halogen Free Wide Slot, Silver Grey, 2 Meter	✓	100 x 100	3.15 x 3.94	16
27	01 17 06958	HF120X60SG2W	Halogen Free Wide Slot, Silver Grey, 2 Meter	✓	120 x 60	3.94 x 2.36	12
28	01 17 06959	HF120X80SG2W	Halogen Free Wide Slot, Silver Grey, 2 Meter	✓	120 x 80	3.94 x 3.15	12

* See page no. 13

Wiring Ducts Halogen Free-Un-Slotted (Solid Wall)

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RoHS



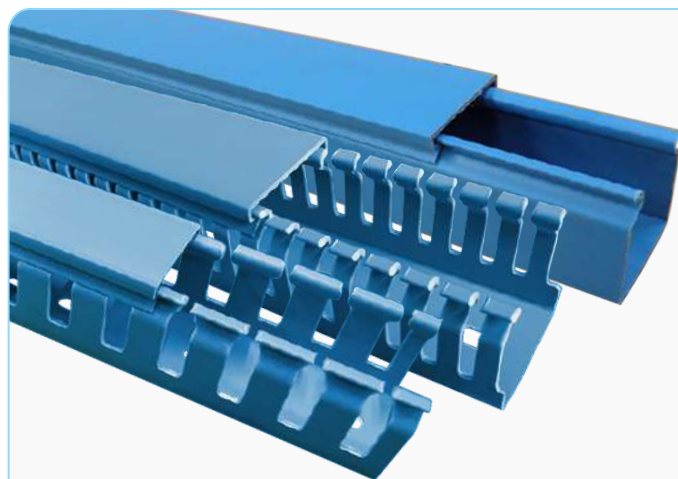
SN	Article No.	Type	Description	Duct Size WxH(mm)	Duct Size WxH(inch)	Meter/Box
1	01 17 06932	HF25X25SG2S	Halogen Free Solid Wall, Silver Grey, 2 Meter	25 x 25	0.98 x 0.98	120
2	01 17 03448	HF25X40SG2S	Halogen Free Solid Wall, Silver Grey, 2 Meter	25 x 40	0.98 x 1.18	96
3	01 17 06933	HF25X60SG2S	Halogen Free Solid Wall, Silver Grey, 2 Meter	25 x 60	0.98 x 1.57	72
4	01 17 05301	HF25X80SG2S	Halogen Free Solid Wall, Silver Grey, 2 Meter	25 x 80	0.98 x 1.77	48
5	01 17 06515	HF30X40SG2S	Halogen Free Solid Wall, Silver Grey, 2 Meter	30 x 40	0.98 x 2.36	80
6	01 17 06519	HF30X60SG2S	Halogen Free Solid Wall, Silver Grey, 2 Meter	30 x 60	0.98 x 3.15	60
7	01 17 06934	HF30X80SG2S	Halogen Free Solid Wall, Silver Grey, 2 Meter	30 x 80	0.98 x 3.94	40
8	01 17 06935	HF30X100SG2S	Halogen Free Solid Wall, Silver Grey, 2 Meter	30 x 100	1.18 x 1.57	40
9	01 17 06517	HF40X30SG2S	Halogen Free Solid Wall, Silver Grey, 2 Meter	40 x 30	1.18 x 3.15	64
10	01 17 03439	HF40X40SG2S	Halogen Free Solid Wall, Silver Grey, 2 Meter	40 x 40	1.57 x 0.98	64
11	01 17 05303	HF40X60SG2S	Halogen Free Solid Wall, Silver Grey, 2 Meter	40 x 60	1.57 x 1.57	48
12	01 17 03466	HF40X80SG2S	Halogen Free Solid Wall, Silver Grey, 2 Meter	40 x 80	1.57 x 2.36	32
13	01 17 03457	HF40X100SG2S	Halogen Free Solid Wall, Silver Grey, 2 Meter	40 x 100	1.57 x 3.15	32
14	01 17 06936	HF60X40SG2S	Halogen Free Solid Wall, Silver Grey, 2 Meter	60 x 40	1.57 x 3.94	36
15	01 17 06937	HF60X60SG2S	Halogen Free Solid Wall, Silver Grey, 2 Meter	60 x 60	1.77 x 1.77	36
16	01 17 03488	HF60X80SG2S	Halogen Free Solid Wall, Silver Grey, 2 Meter	60 x 80	1.77 x 2.36	24
17	01 17 03497	HF60X100SG2S	Halogen Free Solid Wall, Silver Grey, 2 Meter	60 x 100	1.77 x 3.15	24
18	01 17 06938	HF80X25SG2S	Halogen Free Solid Wall, Silver Grey, 2 Meter	80 x 25	2.36 x 1.57	24
19	01 17 06939	HF80X40SG2S	Halogen Free Solid Wall, Silver Grey, 2 Meter	80 x 40	2.36 x 1.77	24
20	01 17 06940	HF80X60SG2S	Halogen Free Solid Wall, Silver Grey, 2 Meter	80 x 60	2.36 x 2.36	24
21	01 17 03475	HF80X80SG2S	Halogen Free Solid Wall, Silver Grey, 2 Meter	80 x 80	2.36 x 3.15	16
22	01 17 03506	HF80X100SG2S	Halogen Free Solid Wall, Silver Grey, 2 Meter	80 x 100	2.36 x 3.94	16
23	01 17 06941	HF100X40SG2S	Halogen Free Solid Wall, Silver Grey, 2 Meter	100 x 40	3.15 x 1.57	24
24	01 17 06942	HF100X60SG2S	Halogen Free Solid Wall, Silver Grey, 2 Meter	100 x 60	3.15 x 2.36	24
25	01 17 06943	HF100X80SG2S	Halogen Free Solid Wall, Silver Grey, 2 Meter	100 x 80	3.15 x 3.15	16
26	01 17 03515	HF100X100SG2S	Halogen Free Solid Wall, Silver Grey, 2 Meter	100 x 100	3.15 x 3.94	16
27	01 17 06944	HF120X60SG2S	Halogen Free Solid Wall, Silver Grey, 2 Meter	120 x 60	3.94 x 2.36	12
28	01 17 06945	HF120X80SG2S	Halogen Free Solid Wall, Silver Grey, 2 Meter	120 x 80	3.94 x 3.15	12

Typical Raw Material Properties of Halogen Free Wiring Ducts

Property	Units	ASTM Test	Test Value
Specific Gravity	...	D792	1.2
IZOD Impact Strength	cm-kgf/cm	D256	70
Flexural Strength	psi	D790	12800
Flexural Module	psi	D790	360000
Tensile Strength	psi	D638	7800
Compressive Strength	psi	D695	16000
Water Absorption, (23°C/Sat)	%	D570	0.6
Hardness	Rockwell	ISO 2039-2	124
Dielectric Strength 50Hz, 25°C	KV/mm	D149	400
Dielectric Constant, Dry	...	D150	2.65
HDT	°C	D648	100°C
Vicat Softening Temp.	°C	ASTM D 1525	110°C
Flammability	...	UL-94	V0
Oxygen Index	%	ISO 4589-2	37
Ambient Temperature (Operation)	°C	...	(-25°C to +90°C)

For guidance only

Subject to change in the interest of technical progress.



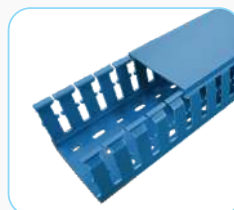
Halogen Free Wiring Ducts in Blue Color

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Stock Available



Narrow Slot

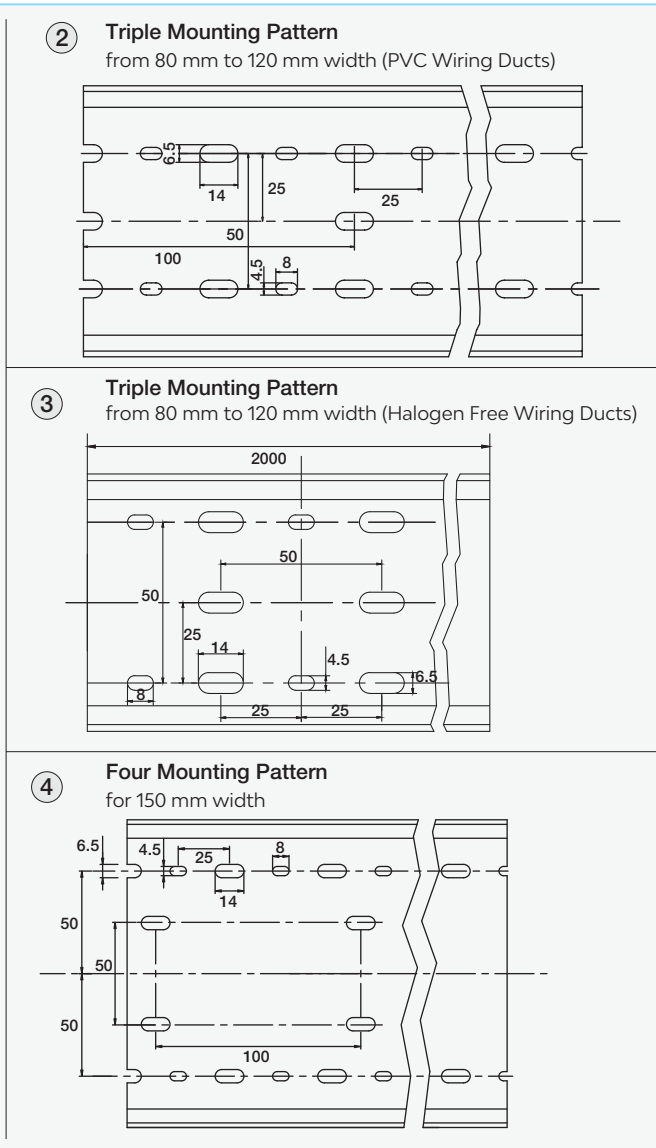
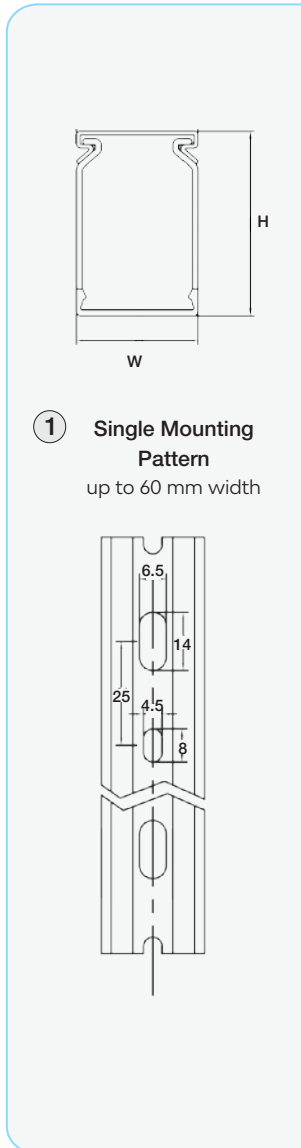
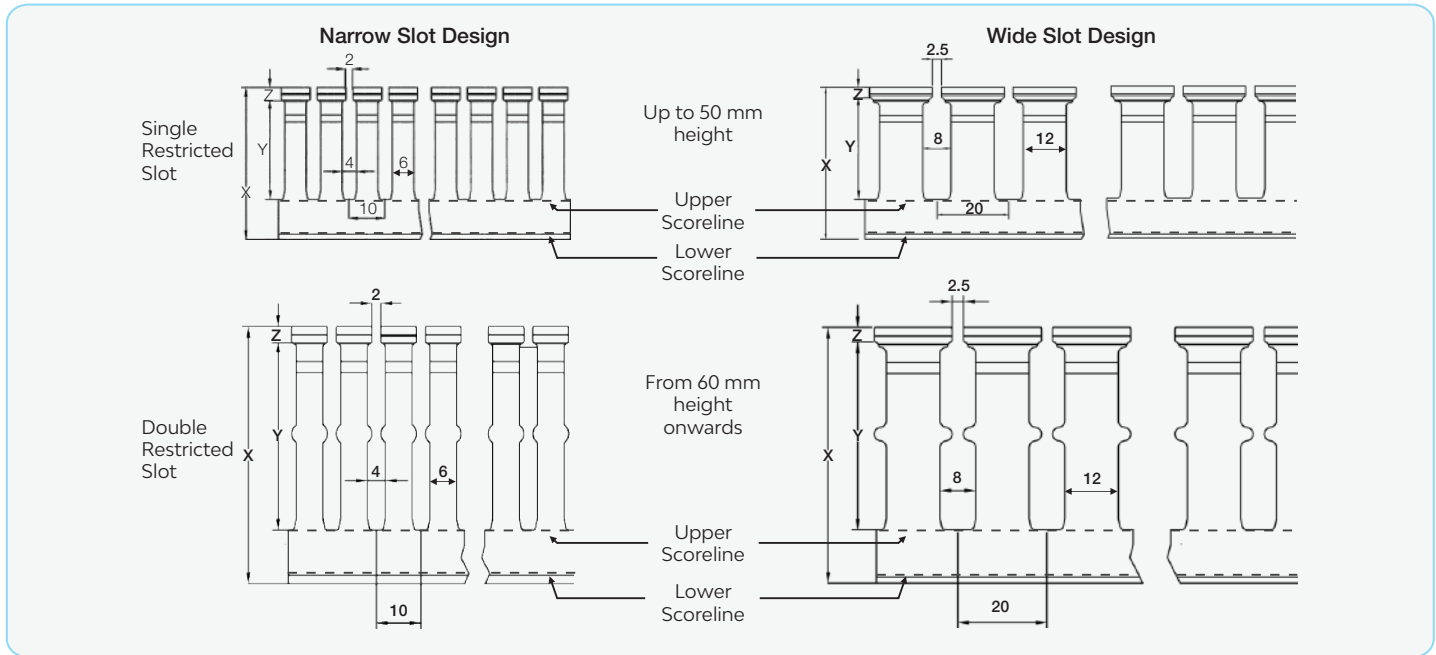


Wide Slot



Un-Slotted (Solid Wall)

Technical Information



Nominal Duct Size (mm)		Dimensions (mm)				
W (Width)	H (Height)	T (Thickness)	X	Y	Z	
		PVC	HF			
25	25	1.6	1.5	22.20	11.80	3.40
25	30	1.5	NA	27.30	16.80	3.50
25	40	1.6	1.6	37.20	23.30	3.40
25	45	1.6	NA	42.20	27.80	3.40
25	60	1.9	1.5	57.50	42.20	3.30
25	80	2.2	1.8	77.80	61.00	3.30
25	100	2.1	2.1	98.00	79.00	3.90
30	40	1.5	1.6	37.20	22.90	3.50
30	60	NA	1.6	57.50	45.40	3.30
30	80	2.2	1.7	77.80	61.00	3.30
30	100	NA	1.9	97.50	78.60	3.90
40	25	1.6	NA	22.20	11.40	3.40
40	30	NA	1.5	16.40	27.20	3.30
40	40	1.6	1.6	37.20	23.30	3.40
40	60	1.9	1.7	57.50	42.20	3.30
40	80	2.2	1.7	77.80	61.00	3.30
40	100	2.4	2	98.00	79.00	3.90
45	45	1.6	NA	42.20	27.80	3.40
45	60	1.9	NA	57.50	42.20	3.30
45	80	2.2	NA	77.40	61.00	3.30
60	40	1.6	1.5	37.20	23.30	3.40
60	45	1.6	NA	42.20	27.80	3.40
60	60	1.9	1.6	57.50	42.20	3.30
60	80	2.2	1.8	77.80	61.00	3.30
60	100	2.4	2	98.00	79.00	3.90
80	25	NA	1.6	22.10	11.80	3.40
80	40	1.6	1.6	37.20	23.30	3.40
80	60	1.9	1.8	57.50	42.20	3.30
80	80	2.3	2	77.80	61.00	3.30
80	100	2.5	2.1	98.00	79.00	3.90
100	40	NA	1.7	37.20	23.30	3.40
100	60	1.9	1.9	57.50	42.20	3.20
100	80	2.4	2	77.80	61.00	3.30
100	100	2.5	1.9	98.00	79.00	3.90
120	60	NA	1.9	57.40	42.20	3.20
120	80	2.5	1.9	77.80	61.00	3.30
150	100	2.5	NA	98.00	79.00	3.90

*NA - Size not Available

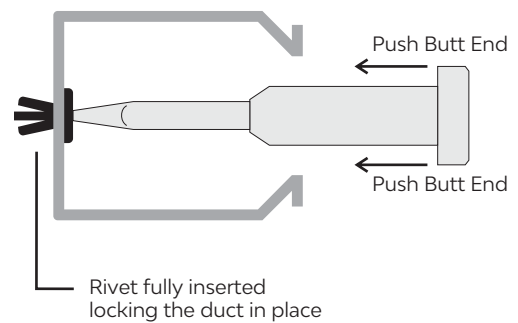
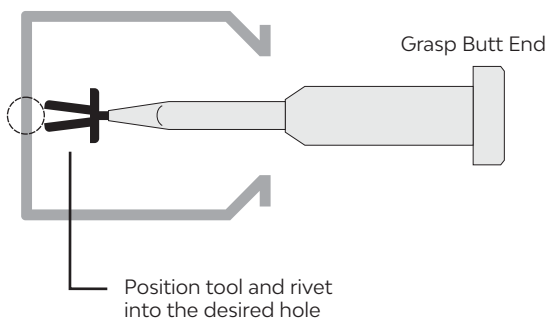
For sizes please correspond the alphabets in design with the alphabets in the above table.

Tools of Installation

Rivet Installation Tool



Article No.	Type	Description	Pcs./Box
0117 00687	TRIT	Rivet Installation Tool	1

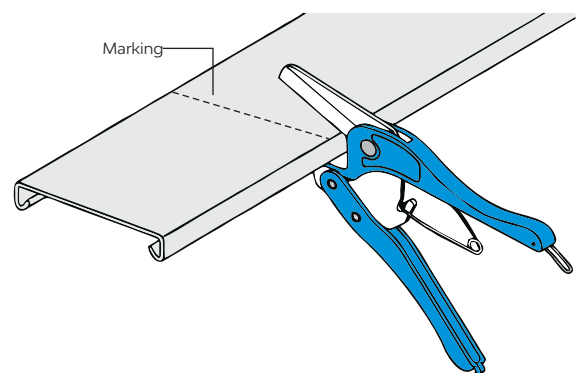
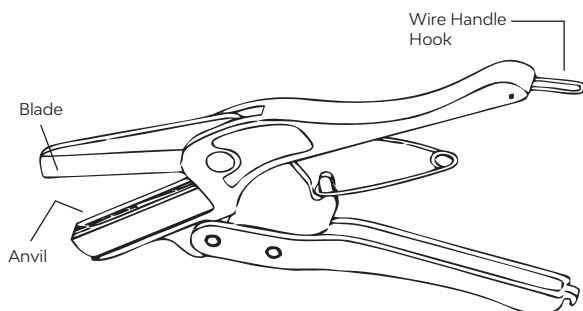


Wiring Ducts Cutting Tool



Article No.	Type	Description	Pcs./Box
0117 00688	TWDCT	Wiring Duct Cutting Tool	1

Used For Cutting Wiring Duct & Wiring Duct Cover



Replacement Instructions

Blade Replacement :

Unhook spring from hook on blade. using a screwdriver and hex wrench, remove nut and screw. Slide blade upward, out of tool, and replace with new blade. Fasten using existing screw and nut.

Anvil Replacement :

Carefully take out existing Anvil. Apply a small amount of adhesive to bottom of replacement Anvil. Place new Anvil into lower jaw of tool.

Wiring Duct's Accessories

Rivet



Article No.	Type	Description	Pcs./Box
01 17 00689	TNR	Rivet	100

Tag Holder



Article No.	Type	Description	Pcs./Box
01 17 05510	TTH-N	Tag Holder (Narrow)	50
01 17 05512	TTH-W	Tag Holder (Wide)	50

Mounting Clips



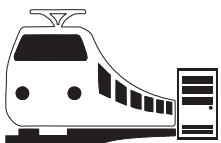
Article No.	Type	Description	Pcs./Box
01 17 05511	TMC-01	M Clip 01-Round	50
01 17 05513	TMC-02	M Clip 02 -Rectangular	50

Wall Divider



Article No.	Type	Description	Pcs./Box
01 17 05759	TWD40LG2	Wall Divider 40 mm, Light Grey, 2 meter	50
01 17 05758	TWD60LG2	Wall Divider 60 mm, Light Grey, 2 meter	50
01 17 05757	TWD80LG2	Wall Divider 80 mm, Light Grey, 2 meter	
01 17 05756	TWD100LG2	Wall Divider 100 mm, Light Grey, 2 meter	

Application Area



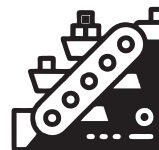
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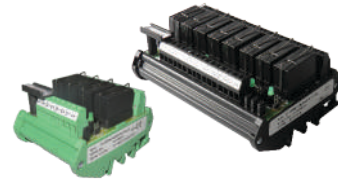
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