

Wiring Duct

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Technical Data for Etlin PVC Wire Ducting

PROPERTY	TEST METHOD	PVC
Specific Gravity	DIN 53479	1.5 Kg/dm ³
Water Absorption	DIN 53475	0.2 mg/cm ²
Modulus of Elasticity	DIN 53457	34.000
Tensile Strength	DIN 53455	470 Kg/cm ²
Hardness (Rockwell Scale)	--	90
Temperature VICAT	DIN 53460	82°C
Thermal Conductivity	DIN 52612	0.14 Kcal/mh°C
Self Extinguishability	UL 94	Grade V-O
Dielectric Strength	DIN 53481	450 Kv/cm
Dielectric Constant	DIN 53483	Approximately 3.4

Etlin Plastic Wire Ducting provides a simple solution to all the problems associated with the distribution and layout of cables.

Available in Two Styles: Slotted and Solid Wall

Slotted Wall:

Used primarily in control panels. By deflecting the plastic fingers, wires can be added or removed, but the restricted opening design prevents the accidental removal of the wires. Smooth edges ensure worker comfort and safety.

Solid Wall:

Used indoors and outdoors for straight wire runs where no breakouts are required. This style provides the maximum in environmental protection.

Standard Colours are Light Grey and White for both.

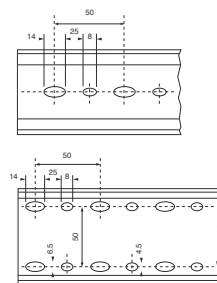
The above information is believed to be accurate. The user should, however, check the applicable specifications to verify values.

All Etlin Wiring Duct Features:



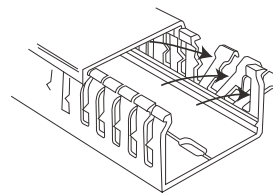
Non-Slip Cover:

Remains in place even under heavy vibration, but is easily snapped on or off to access the wires.



Mounting Holes:

Are elongated, which allows for more tolerance when drilling holes on the mounting surface. These holes allow for a wide range of fastening hardware to be used.



Double Scored Walls:

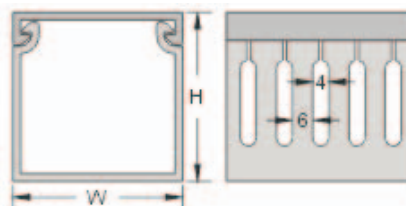
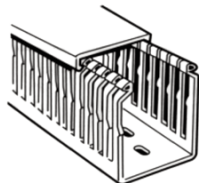
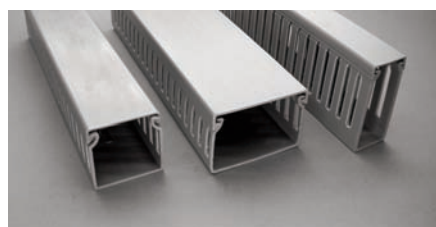
Can be broken at the upper score line by bending the finger by hand. The lower score line can be used to make corner or T-junctions.



Restricted Slot Design:

By deflecting the individual finger, wires can easily be positioned in the duct. This design also helps prevent the accidental removal of wires. Wires can be snapped out of the duct when tracing wires without disconnecting.

TYPE P & VD - SLOTTED WIRING DUCT



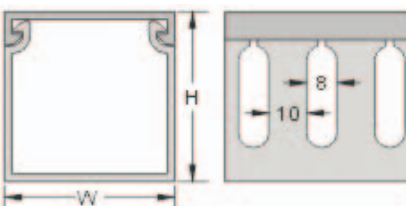
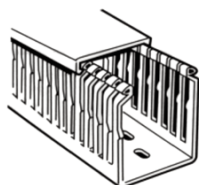
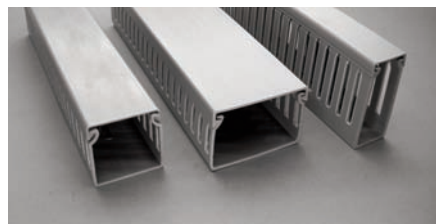
H3

Type P – Slotted Duct (Slot :4mm)

ITEM NUMBER	DIMENSIONS IN MM		STANDARD PACK / M	WEIGHT KG / M	DIMENSIONS IN INCHES		STANDARD PACK / FT
	(H)	(W)			(H)	(W)	
30.25P	30	25	120	.29	1.18	.98	393.7
40.25P	40	25	100	.31	1.57	.98	328.1
60.25P	60	25	72	.38	2.36	.98	236.2
80.25P	80	25	72	.47	3.15	.98	236.2
40.40P	40	40	64	.38	1.57	1.57	209.9
60.40P	60	40	48	.44	2.36	1.57	157.5
80.40P	80	40	48	.55	3.15	1.57	157.5
40.60P	40	60	48	.55	1.57	2.36	157.5
60.60P	60	60	48	.62	2.36	2.36	157.5
80.60P	80	60	36	.71	2.36	3.15	118.1
80.80P	80	80	24	.80	3.15	3.15	78.7
80.100P	80	100	20	1.00	3.15	3.94	65.6
100.100P	100	100	16	1.22	3.94	3.94	52.5
60.120P	60	120	20	1.15	2.36	4.72	65.6
80.120P	80	120	16	1.21	3.15	4.72	52.5

Standard length is 2 meters or 6'6" long, supplied with the cover.

Standard colour is Light Grey or White. Add suffix -LG for Light Grey or -WH for White to the part number.



Type P-VD – Slotted Duct (Slot :8mm)

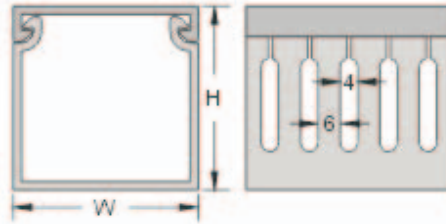
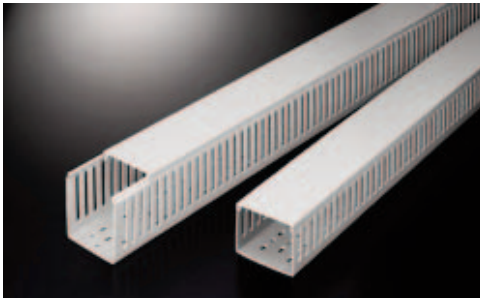
ITEM NUMBER	DIMENSIONS IN MM		STANDARD PACK / M	WEIGHT KG / M	DIMENSIONS IN INCHES		STANDARD PACK / FT
	(H)	(W)			(H)	(W)	
30.25P-VD	30	25	120	.29	1.18	.98	393.7
40.25P-VD	40	25	100	.31	1.57	.98	328.1
60.25P-VD	60	25	72	.38	2.36	.98	236.2
80.25P-VD	80	25	72	.47	3.15	.98	236.2
40.40P-VD	40	40	64	.38	1.57	1.57	209.9
60.40P-VD	60	40	48	.44	2.36	1.57	157.5
80.40P-VD	80	40	48	.55	3.15	1.57	157.5
40.60P-VD	40	60	48	.55	1.57	2.36	157.5
60.60P-VD	60	60	48	.62	2.36	2.36	157.5
80.60P-VD	80	60	36	.71	2.36	3.15	118.1
80.80P-VD	80	80	24	.80	3.15	3.15	78.7
80.100P-VD	80	100	20	1.00	3.15	3.94	65.6
100.100P-VD	100	100	16	1.22	3.94	3.94	52.5
60.120P-VD	60	120	20	1.15	2.36	4.72	65.6
80.120P-VD	80	120	16	1.21	3.15	4.72	52.5

Standard length is 2 meters or 6'6" long, supplied with the cover.

Standard colour is Light Grey or White. Add suffix -LG for Light Grey or for White, add the suffix -WH to the part number.

TYPE HD - SLOTTED WIRING DUCT

H4



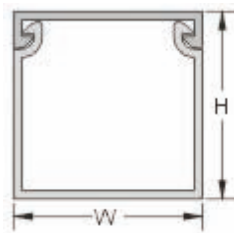
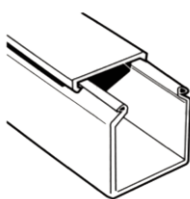
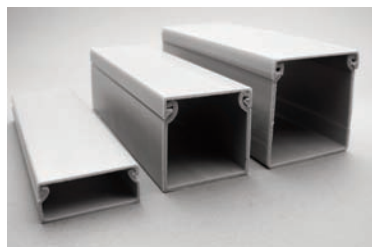
Type HD – Slotted Duct (Slot :4mm)

ITEM NUMBER	DIMENSIONS IN MM		DIMENSIONS IN INCHES	
	(H)	(W)	(H)	(W)
25.15HD	25	15	.98	.59
20.20HD	20	20	.79	.79
25.25HD	25	25	.98	.98
45.25HD	45	25	1.77	.98
30.30HD	30	30	1.18	1.18
33.33HD	33	33	1.30	1.30
45.33HD	45	33	1.77	1.30
45.45HD	45	45	1.77	1.77
50.50HD	50	50	1.97	1.97
45.65HD	45	65	1.77	2.56
65.33HD	65	33	2.56	1.30
65.25HD	65	25	2.56	.98
65.45HD	65	45	2.56	1.77
60.60HD	60	60	2.36	2.36
65.65HD	65	65	2.56	2.56
64.72HD	64	72	2.52	2.83
100.33HD	100	33	3.94	1.30
100.48HD	100	48	3.94	1.89
100.55HD	100	55	3.94	2.17
75.75HD	75	75	2.95	2.95
100.70HD	100	70	3.94	2.76
100.75HD	100	75	3.94	2.95
50.100HD	50	100	1.96	3.94
75.100HD	75	100	2.95	3.94
100.100HD	100	100	3.94	3.94
75.150HD	75	150	2.95	5.91
100.150HD	100	150	3.94	5.91
100.200HD	100	200	3.94	7.87
150.200HD	150	200	5.91	7.87

Standard length is 2 meters or 6'6" long, supplied with the cover.

Standard colour is Light Grey or White. Add suffix -LG for Light Grey or for White, add the suffix -WH to the part number.

TYPE L - SLOTTED WIRING DUCT



H5

Type L – Solid Duct

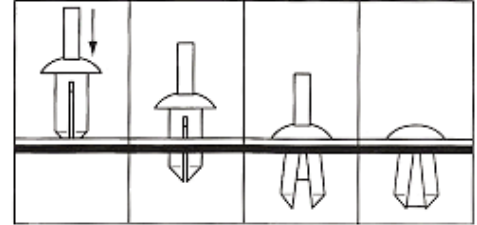
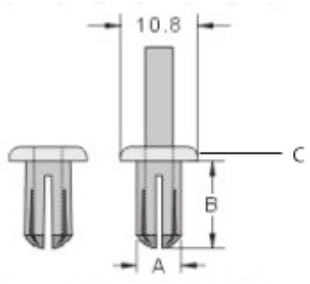
ITEM NUMBER	DIMENSIONS IN MM		STANDARD PACK / M	WEIGHT KG / M	DIMENSIONS IN		STANDARD PACK / FT
	A (H)	B (W)			A (H)	B (W)	
30.25L	30	25	120	.29	1.18	.98	393.7
40.25L	40	25	100	.31	1.57	.98	328.1
60.25L	60	25	72	.38	2.36	.98	236.2
80.25L	80	25	72	.47	3.15	.98	236.2
40.40L	40	40	64	.38	1.57	1.57	209.9
60.40L	60	40	48	.44	2.36	1.57	157.5
80.40L	80	40	48	.55	3.15	1.57	157.5
40.60L	40	60	48	.55	1.57	2.36	157.5
60.60L	60	60	48	.62	2.36	2.36	157.5
80.60L	80	60	36	.71	2.36	3.15	118.1
80.80L	80	80	24	.80	3.15	3.15	78.7
80.100L	80	100	20	1.00	3.15	3.94	65.6
100.100L	100	100	16	1.22	3.94	3.94	52.5
60.120L	60	120	20	1.15	2.36	4.72	65.6
80.120L	80	120	16	1.21	3.15	4.72	52.5

Wiring Duct

ACCESSORIES FOR WIRE DUCTING

H6

Type RC Push Rivets



ITEM NUMBER	Width (A) mm(in)	Height (B) mm(in)	THICKNESS (C) mm(in)	STANDARD PACK
RP-4	4.7(0.19)	7.9(0.31)	1.98~9.53(.078~.375)	1,000
RP-612	6.2(0.24)	12.3(0.48)	7.0~12.0(0.27~0.47)	1,000
RP-0815	8.0(0.31)	14.0(0.55)	7.0~12.0(0.27~0.47)	1,000

Manual Wire Duct Cutter

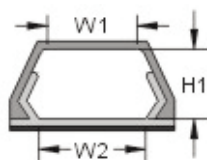


Model Wt-1 Manual Wire Duct Cutter:

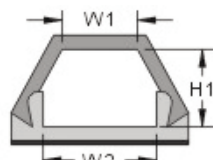
Wire Duct and Conduit Cutting Tool. An economical manual tool specifically designed for cutting PVC wire ducts (including cover) or conduits

TYPE TC TELEPHONE OR DATA DUCT ADHESIVE BACKED, 1 METER LENGTHS

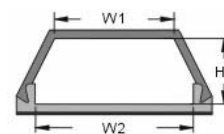
H7



TC-0.5, 1, 2, 3, 3.5



TC-1.5, 4, 5, 6



TC-8



Type TC - Telephone or Data Duct

ITEM NUMBER	W1	W2	H	WIRES TO BE CONTAINED	STANDARD PACK
TC-1	.24"	.28"	.16"	HOLDS 1 WIRE	350
TC-1.5	.24"	.31"	.30"	HOLDS 1-2 WIRES	300
TC-2	.31"	.31"	.24"	HOLDS 2-3 WIRES	190
TC-3	.39"	.39"	.28"	HOLDS 3-4 WIRES	140
TC-4	.47"	.59"	.39"	HOLDS 4-7 WIRES	90
TC-5	.39"	.67"	.51"	HOLDS 7-9 WIRES	75
TC-6	.43"	.75"	.63"	HOLDS 10-15 WIRES	60

Solid Wire Ducting sold in one meter lengths. Holds up to 15 wires.
Self-extinguishing PVC with high-quality adhesive backing. Grey colour.

Type TC Series Duct Accessories



MID COUPLER



OUTSIDE CORNER



TEE



"L" RIGHT ANGLE



INSIDE CORNER



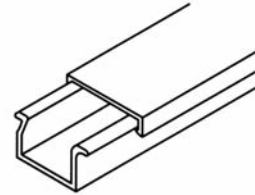
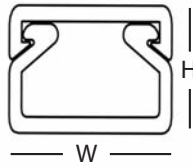
END CAP

USED WITH	ITEM NUMBER	TYPE	STANDARD PACK
TC-2	TCM-2	MID COUPLER	10
	TCT-2	TEE	10
	TCI-2	INSIDE CORNER	10
	TCO-2	OUTSIDE CORNER	10
	TCL-2	"L" RIGHT ANGLE	10
	TCE-2	END CAP	10
TC-3	TCM-3	MID COUPLER	10
	TCT-3	TEE	10
	TCI-3	INSIDE CORNER	10
	TCO-3	OUTSIDE CORNER	10
	TCL-3	"L" RIGHT ANGLE	10
	TCE-3	END CAP	10
TC-4	TCM-4	MID COUPLER	10
	TCT-4	TEE	10
	TCI-4	INSIDE CORNER	10
	TCO-4	OUTSIDE CORNER	10
	TCL-4	"L" RIGHT ANGLE	10
	TCE-4	END CAP	10
TC-5	TCM-5	MID COUPLER	10
	TCT-5	TEE	10
	TCI-5	INSIDE CORNER	10
	TCO-5	OUTSIDE CORNER	10
	TCL-5	"L" RIGHT ANGLE	10
	TCE-5	END CAP	10
TC-6	TCM-6	MID COUPLER	10
	TCT-6	TEE	10
	TCI-6	INSIDE CORNER	10
	TCO-6	OUTSIDE CORNER	10
	TCL-6	"L" RIGHT ANGLE	10
	TCE-6	END CAP	10

Wiring Duct

**TYPE SD TELEPHONE OR DATA DUCT
2 METER LENGTHS**

H8



Type SD - Telephone or Data Duct

ITEM NUMBER	W	H	WIRES TO BE CONTAINED	STANDARD PACK
SD-1616	.63"	.63"	HOLDS 3-10 WIRES	300
SD-2516	.98"	.63"	HOLDS 5-12 WIRES	200
SD-3816	1.5"	.63"	HOLDS 12-30 WIRES	140
SD-1525	.59"	.98"	HOLDS 5-12 WIRES	270
SD-2525	.98"	.98"	HOLDS 10-25 WIRES	126
SD-3825	1.5"	.98"	HOLDS 20-40 WIRES	100
SD-5025	1.97"	.98"	HOLDS 25-45 WIRES	80
SD-2540	.98"	1.57	HOLDS 20-25 WIRES	88
SD-3340	.87"	1.57	HOLDS 40-45 WIRES	70
SD-4040	1.57"	1.57	HOLDS 60-70 WIRES	60
SD-6040	2.36"	1.57	HOLDS 100-115 WIRES	40
SD-7540	2.95"	1.57	HOLDS 120-135 WIRES	32
SD-8040	3.15"	1.57	HOLDS 120-135 WIRES	56
SD-10040	3.94"	1.57	HOLDS 180-200 WIRES	36
SD-2550	.98"	1.97	HOLDS 20-30 WIRES	80
SD-3850	1.5"	1.97	HOLDS 20-35 WIRES	64
SD-5050	1.97"	1.97	HOLDS 80-90 WIRES	66
SD-7550	2.95"	1.97	HOLDS 180-200 WIRES	32
SD-10050	3.94"	1.97	HOLDS 200-250 WIRES	24
SD-2560	.98"	2.36	HOLDS 40-45 WIRES	60
SD-4060	1.57"	2.36	HOLDS 100-115 WIRES	42
SD-6060	2.36"	2.36	HOLDS 120-135 WIRES	50
SD-8060	3.15"	2.36	HOLDS 180-210 WIRES	36
SD-10060	3.94"	2.36	HOLDS 240-290 WIRES	24
SD-12060	4.72"	2.36	HOLDS 240-290 WIRES	24
SD-2575	.98"	2.95	HOLDS 50-55 WIRES	48
SD-5075	1.97"	2.95	HOLDS 80-200 WIRES	24
SD-7575	2.95"	2.95	HOLDS 200-250 WIRES	32
SD-10075	3.94	2.95	HOLDS 260-350 WIRES	24
SD-15075	5.91"	2.95	HOLDS 335-500 WIRES	16
SD-2580	.98"	3.15	HOLDS 60-75 WIRES	60
SD-4080	1.57"	3.15	HOLDS 120-135 WIRES	56
SD-6080	2.36"	3.15	HOLDS 180-210 WIRES	48
SD-8080	3.15"	3.15	HOLDS 240-290 WIRES	30
SD-10080	3.94"	3.15	HOLDS 260-350 WIRES	24
SD-12080	4.72"	3.15	HOLDS 300-400 WIRES	16
SD-33100	1.3"	3.94	HOLDS 180-200 WIRES	48
SD-40100	1.57"	3.94	HOLDS 130-175 WIRES	48
SD-48100	1.89"	3.94	HOLDS 215-250 WIRES	36
SD-55100	2.15"	3.94	HOLDS 220-260 WIRES	24
SD-70100	2.76"	3.94	HOLDS 250-300 WIRES	24
SD-75100	2.95"	3.94	HOLDS 260-300 WIRES	24
SD-100100	3.94"	3.94	HOLDS 300-400 WIRES	18

Solid Wire Ducting, sold in two meter lengths. Holds up to 400 wires.

Self-extinguishing PVC solid wire ducting. Grey colour. Maximum service temperature 85°C.

See page H9 for diagrams

TELEPHONE OR DATA DUCT ACCESSORIES FOR SD SERIES



MID COUPLER



OUTSIDE CORNER



TEE



"L" RIGHT ANGLE



INSIDE CORNER



END CAP

H9

Type SD Series Duct Accessories

USED WITH	ITEM NUMBER	TYPE	STANDARD PACK
SD-1616	SDM-1616	MID COUPLER	10
	SDO-1616	OUTSIDE CORNER	10
	SDT-1616	TEE	10
	SDL-1616	"L" RIGHT ANGLE	10
	SDI-1616	INSIDE CORNER	10
	SDE-1616	END CAP	10
SD-2516	SDM-2516	MID COUPLER	10
	SDO-2516	OUTSIDE CORNER	10
	SDT-2516	TEE	10
	SDL-2516	"L" RIGHT ANGLE	10
	SDI-2516	INSIDE CORNER	10
	SDE-2516	END CAP	10
SD-3816	SDM-3816	MID COUPLER	10
	SDO-3816	OUTSIDE CORNER	10
	SDT-3816	TEE	10
	SDL-3816	"L" RIGHT ANGLE	10
	SDI-3816	INSIDE CORNER	10
	SDE-3816	END CAP	10
SD-4040	SDM-4040	MID COUPLER	10
	SDO-4040	OUTSIDE CORNER	10
	SDT-4040	TEE	10
	SDL-4040	"L" RIGHT ANGLE	10
	SDI-4040	INSIDE CORNER	10
	SDE-4040	END CAP	10
SD-5050	SDM-5050	MID COUPLER	10
	SDO-5050	OUTSIDE CORNER	10
	SDT-5050	TEE	10
	SDL-5050	"L" RIGHT ANGLE	10
	SDI-5050	INSIDE CORNER	10
	SDE-5050	END CAP	10
SD-7575	SDM-7575	MID COUPLER	10
	SDO-7575	OUTSIDE CORNER	10
	SDT-7575	TEE	10
	SDL-7575	"L" RIGHT ANGLE	10
	SDI-7575	INSIDE CORNER	10
	SDE-7575	END CAP	10

Wiring
Duct

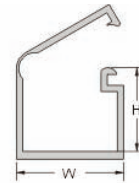
ONE PIECE WIRING DUCT THRESHOLD/FLOOR WIRING DUCT

H10

Type TF - Solid One Piece Duct With Hinged Cover



TF-0905

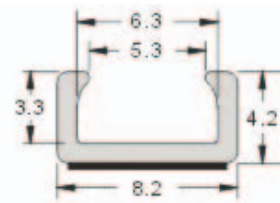
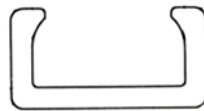
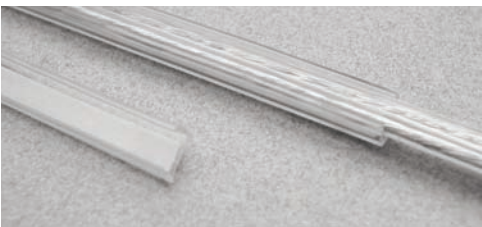


TF-1313

ITEM NUMBER	W	H	WIRES CONTAINED	STANDARD PACK
TF-0905	.375"	.110"	HOLDS 2-3 WIRES	10
TF-1313	.510"	.425"	HOLDS 4-7 WIRES	10

Rigid PVC one piece duct sold in 2 meter lengths. Holds up to 7 wires. Maximum service temperature 85°C.

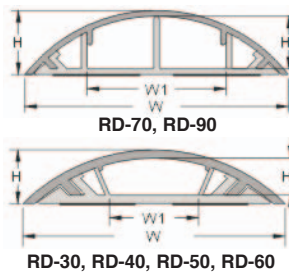
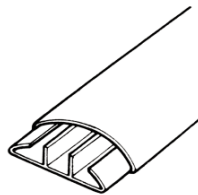
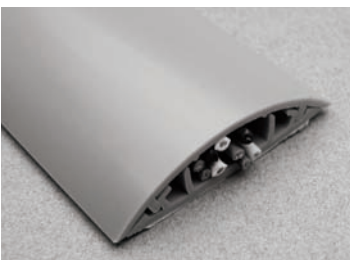
Type TD - Transparent PVC U-Type Wiring Duct With Adhesive Backing



ITEM NUMBER	FOR WIRE DIAMETER	WIRES CONTAINED	STANDARD PACK
TD-1	.375"	HOLDS 1 WIRE	10

Transparent PVC with adhesive backing sold in 2 meter lengths. Holds a single wire.

Type RD - Threshold/Floor Wiring Duct With Adhesive Backing



ITEM NUMBER	W	H	W1	H1	STANDARD PACK
RD-30	1.18"	.31"	.43"	.24"	150
RD-40	1.57"	.37"	.63"	.28"	100
RD-50	1.97"	.43"	.79"	.31"	65
RD-60	2.36"	.51"	1.18"	.35"	50
RD-70	2.76"	.59"	1.57"	.39"	30
RD-90	3.54"	.75"	1.77"	.59"	24

High impact PVC with adhesive backing sold in 1 meter lengths. Routes wiring over carpet, concrete or tile to prevent tripping. Grey colour.

Wiring Duct