

TMK-T20

The halogen-free mini-trunking



Thorsman continues to offer more and more products made from halogen-free materials. There are several advantages.

The materials have excellent mechanical properties, including very high impact resistance. They are highly resistant to UV light and in a fire they do not give off any hydrogen chloride gases which form hydrochloric

acid on contact with water. These properties make halogen-free products exceptionally well suited for hospitals, computing centres, control rooms, etc.

TMK-T20 is the first mini-trunking in the range to be made entirely of halogen-free material.

Basic facts

Description

TMK-T20 is a halogen-free mini-trunking for very quick and simple concealed installation of wiring for low current and power, for data, telecoms and alarms. It is fixed directly to the surface with penetrating fixings in pre-punched holes. Alternatively it can be secured with adhesive (only permitted with low-current wiring).

Advantages

- The base has punched holes at 100 mm centres for quick fixing with nail plugs TPS 4/5x25, for example.
- Accessories for TMK-T20: internal and external corners, an L-piece for 35 mm bending radius with Ø7 mm cable, and a stop end.

Materials and colour

Trunking and corners of halogen-free PC/ABS and ABS respectively. White RAL 9010.

Temperature range

PC/ABS -25 °C to +60 °C.

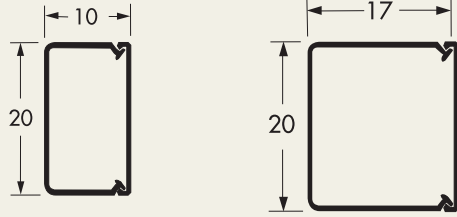
Delivery lengths

Supplied in 2.5-metre lengths. Can be cut on site – use shears or Thorsman's practical tools.

Installation

1. Drill holes in the mounting surface. There are pre-punched holes in the trunking base. Use a 4 mm drill.
2. Fix the trunking. Recommended fixing: nail plug TPS-4/5x25.
3. Snap on the cover.

Dimensions



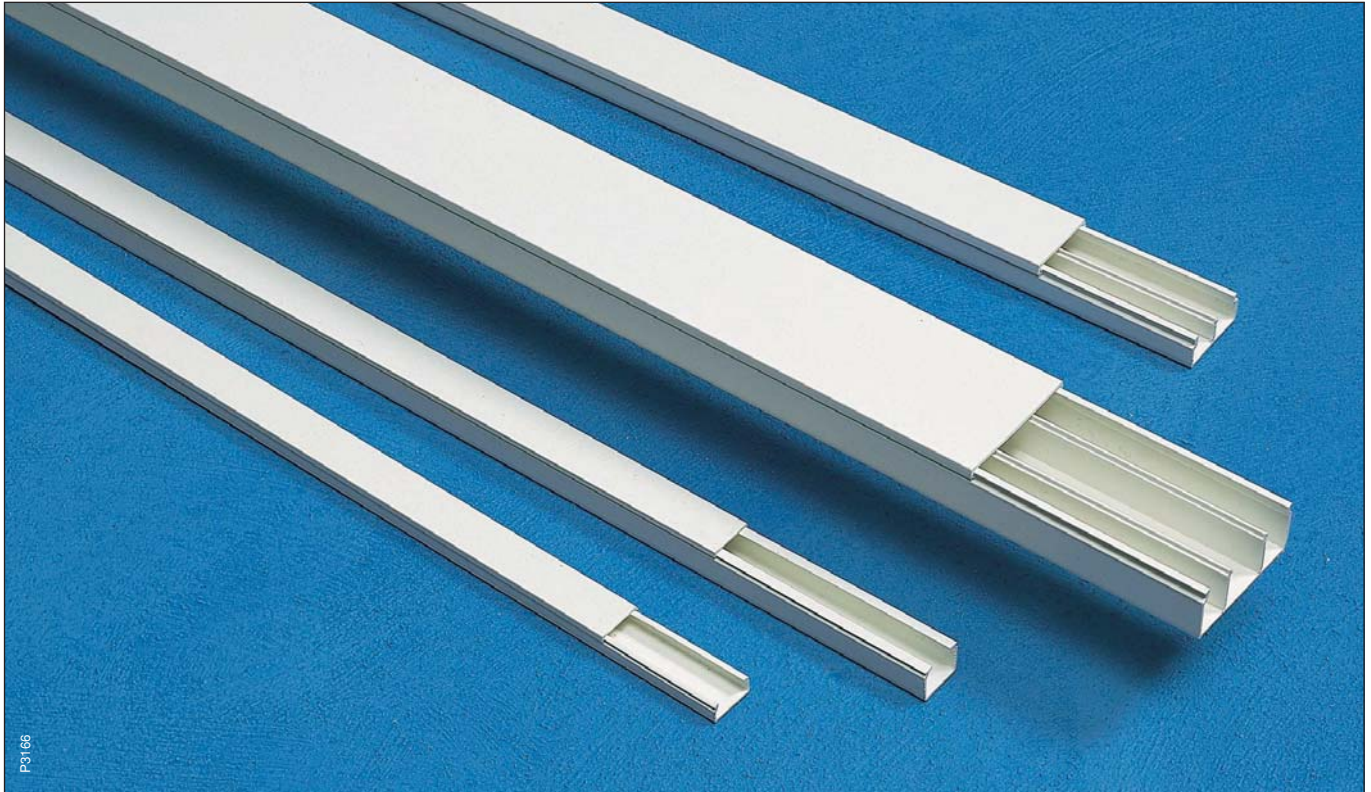
Cable capacity

Compartment no	Max Ø mm	Cross section mm ²	40 %	50 %	60 %
TMK-T20 10 mm					
1	7	155	62	78	93
TMK-T20 17 mm					
1	10	270	108	135	162

	Type	Colour	Material	Dimension A/B/C (mm)	Art. no.
L12660	 Mini-trunking with cover For power and low-current wiring. Base with pre-punched holes at 100 mm centres. Underside of trunking base patterned for adhesive fixing (only permitted with low-current wiring). The trunking is supplied in 2.5-metre lengths.	white	PC/ABS*	20/10/2500	5400 110
		white	PC/ABS*	20/17/2500	5400 120
L12680	 External corner For 90° angle.	white	ABS*	55/55/22.5	5401 111
		white	ABS*	55/55/17.5	5401 121
L12670	 Internal corner For 90° angle. Gives 35 mm bending radius for Ø 7 mm cable.	white	ABS*	55/55/22.5	5401 011
		white	ABS*	61/61/22.5	5401 021
L12690	 L-piece For 90° angle. Gives 35 mm bending radius for Ø 7 mm cable.	white	ABS*	55/55/11	5401 211
		white	ABS*	55/55/17.5	5401 221
L12700	 Stop end To cap the end of mini-trunking.	white	ABS*	22/11/11.5	5401 311
		white	ABS*	22/18/11.5	5401 321

* Halogen-free

Mini-trunking, type TMK PVC



Basic data

Description

PVC trunking for quick and easy concealed installation of cables and wiring for signals and power, data, telecoms and alarms. For installation directly on the backing surface with fixings passing through pre-punched holes. Can also be fixed with adhesive (not with power cabling); good bonding is ensured by the ribbing on the back.

Benefits

- The back section has pre-punched holes at 100 mm centres – fast installation with Thorsman nail plugs TPS-4/5x25, for instance
- Partitions can be stripped out to allow space for larger cables
- Ribbed back surface – good bonding with adhesive (signal cables only)
- For TMK-1020, 1720 and 1735 there are internal and external corners and a 90° bend which give a 35 mm bending radius for cable with 7 mm diameter
- Three colours and white with transparent front.

Material and Colour

Base and cover in rigid self-extinguishing, cadmium- and lead-free PVC, white NCS 0502-Y (\approx RAL 9010), grey NCS 2502-Y and brown NCS 8005-80R. Accessories in ABS.

Temperature range

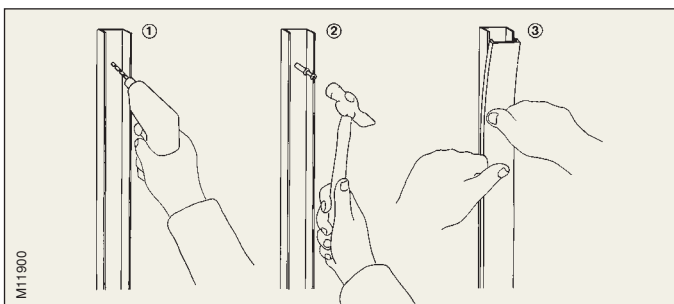
PVC $-20\text{ }^{\circ}\text{C}$ to $+60\text{ }^{\circ}\text{C}$.

Accessories

Junction box. For TMK-1020, 1720 and 1735 there are internal and external corners and a 90° bend.

Lengths supplied

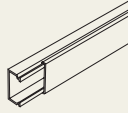
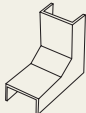
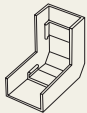
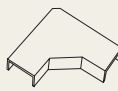
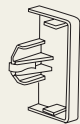





2.5 metres. Cut to length on site, using suitable shears or Thorsman's practical tools.




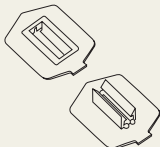
Installation

1. Drill hole, using Thorsmans Multipurpose Drill TBM-4, Hammer Drill THB-4 or Economy Drill TBE-4.
2. Fix the Mini-Trunking with Nail Plugs TPS-4/5x25 or Plug TP and Screw. The Nail Plug gives a faster fix in most materials such as concrete, bricks, blocks etc.
3. Lay the Cables and "Snap on" the Lid.

Product Range, type TMK

In the matrix: Type Art. No. Material/Finish					
TMK-	Trunking base	Internal corner	External corner	Bend, 90°	Stop end
1020 	TMK-1020 5400 010 PR 5400 012 PB 5400 014 PG 5400 018* PR	TMK-IH1020 5401 011 POR 5401 012 POBR 5401 014 POG	TMK-YH1020 5401 111 POR 5401 112 POBR 5401 114 POG	TMK-LS1020 5401 211 POR 5401 212 POBR 5401 214 POG	TMK-ES1020 5401 311 POR 5401 312 POBR 5401 314 POG
1020 M1 	TMK-1020 M1 5400 020 PR 5400 022 PB 5400 024 PG	TMK-IH1020 5401 011 POR 5401 012 POBR 5401 014 POG	TMK-YH1020 5401 111 POR 5401 112 POBR 5401 114 POG	TMK-LS1020 5401 211 POR 5401 212 POBR 5401 214 POG	TMK-ES1020 5401 311 POR 5401 312 POBR 5401 314 POG
1720 	TMK-1720 5400 030 PR 5400 032 PB 5400 034 PG 5400 038* PR	TMK-IH1720 5401 021 POR 5401 022 POBR 5401 024 POG	TMK-YH1720 5401 121 POR 5401 122 POBR 5401 124 POG	TMK-LS1720 5401 221 POR 5401 222 POBR 5401 224 POG	TMK-ES1720 5401 321 POR 5401 322 POBR 5401 324 POG
1735 	TMK-1735 5400 041 PR 5400 043 PB 5400 045 PG 5400 049* PR	TMK-IH1735 5401 030 POR 5401 032 POBR 5401 034 POG	TMK-YH1735 5401 130 POR 5401 132 POBR 5401 134 POG	TMK-LS1735 5401 230 POR 5401 232 POBR 5401 234 POG	TMK-ES1735 5401 330 POR 5401 332 POBR 5401 334 POG
2560 	TMK-2560 5400 070 PR 5400 072 PB 5400 074 PG 5400 078* PR	TMK-IH2560 5401 060 POR 5401 062 POBR 5401 064 POG	TMK-YH2560 5401 160 POR 5401 162 POBR 5401 164 POG		TMK-ES2560 5401 360 POR 5401 361 POBR 5401 362 POG

* With transparent cover

Accessories, type TMK			
	Type	Art. No.	Material/Finish
Junction box Used at junctions and wall penetrations. 	TMK-AD70	5402 010 5402 012 5402 014	POR POBR POG
Clip Holds cables in place in trunking with partitions. The clip "snaps on" to the partition. For TMK-1735 and TMK-2560. 	TTM-KL26	5401 600	POBL

AL= Aluminium, untreated
 AN= Aluminium, natural anodized
 AF= Aluminium, foiled (page 7)
 PC= Powder coated (page 6)

PV= PVC white (RAL 9016)
 PR= PVC white (RAL 9010)
 PG= PVC grey
 PB= PVC brown

PCLG= Powder coated, light grey metallic
 POV= Plastic other, white
 POR= Plastic other, white RAL 9010
 POG= Plastic other, grey

POBL= Plastic other, black
 POBR= Plastic other, brown
 POT= Plastic other, transparent
 PO= Plastic other, colour undefined

GS= Galvanized Steel
 SO= Steel, other
 ← = Left hand → = Right hand
 ↑ = Up, riser ↓ = Down, dropper

Coiled Mini-trunking, type TMK-R PVC



Basic Data

Description

Coiled Mini-Trunking comprising a base section and lid. For quick and easy laying of power and low-voltage cables, and telecommunications, alarm and data cables.

Advantages

- On a coil – simple stores handling
- Room in the service vehicle – always to hand
- Carton with carrying handle – easy to carry
- Cut to length as required – minimum wastage
- End of coil marking when 2 m remain
- The carton protects the trunking during storage – clean and neat installation every time
- Strong grade of plastic – hinges do not give way

Material and Colour

Stabilized, self-extinguishing PVC.
Colour: White NCS 0600 (≈ RAL 9003).

Temperature range

-20 °C – +60 °C

N.B. The trunking should be warmed prior to installation at temperatures below +10 °C.

Accessories

External corners, internal corners, bends 90°, T-pieces and stop ends.

Installation

Fixed through the pre-punched holes, e.g. using Thorsman TPS nail plugs. The trunking must not be attached with tape alone for power installations.

Approval and standards

Approved by British Telecom. Standard BS 4678 B.

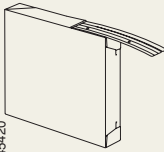
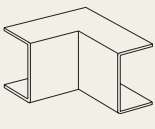
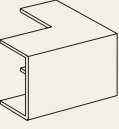
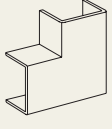
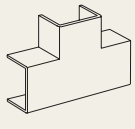
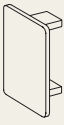

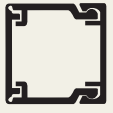
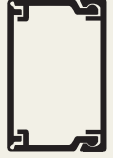
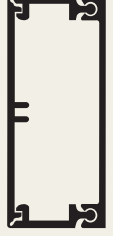
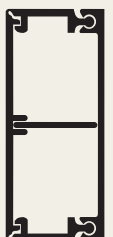
Lengths supplied

In lengths of 12 and 15 metres in convenient cartons.

Packaging

Heavy-grade corrugated board carton with mounting instructions.

Product Range, type TMK-R

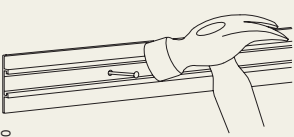
In the matrix: Type Art. No.	 L45420	 L45680	 L45680	 L45710	 L45700	 L45720
	Trunking base	Internal corner	External corner	Bend, 90°	T-piece	Stop end
1016 R12380 	TMK-R1016 5405 010 5405 015 T	TMK-RI1016 5405 200	TMK-RY1016 5405 250	TMK-RL1016 5405 300	TMK-RT1016 5405 350	
1616 R12390 	TMK-R1616 5405 020 5405 025 T	TMK-RI1616 5405 210	TMK-RY1616 5405 260	TMK-RL1616 5405 310	TMK-RT1616 5405 360	TMK-RE1616 5405 410
1625 R12400 	TMK-R1625 5405 040 5405 045 T	TMK-RI1625 5405 220	TMK-RY1625 5405 270	TMK-RL1625 5405 320	TMK-R1625 5405 370	TMK-RE1625 5405 420
1638 R12410 	TMK-R1638 5405 070	TMK-RI1638 5405 230	TMK-RY1638 5405 280	TMK-RL1638 5405 330	TMK-RT1638 5405 380	
1638M1 R12420 	TMK-R1638M1 5405 060	TMK-RI1638 5405 230	TMK-RY1638 5405 280	TMK-RL1638 5405 330	TMK-RT1638 5405 380	

T= With tape on backside of trunking base

Mounting

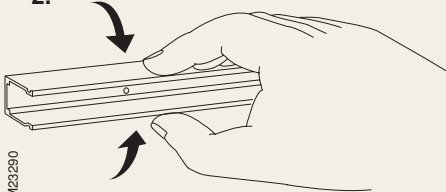
N.B. The trunking should be warmed prior to installation at temperatures below +10 °C.

1.



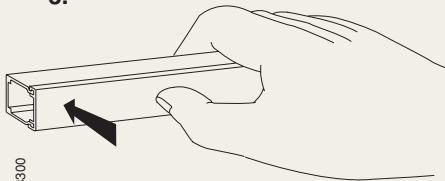
Fix the base section in its flat form. Nail through the pre-punched holes, e.g. using Thorsman TPS nail-plugs. The trunking must not be attached with tape alone for power installations.

2.



Fold up the sides on the base section.

3.



Lay the cables and snap the lid. Finished!

Mini-trunking, type TMW Wood



Mini-trunking of pine wood

Thorsmans Type TMW wooden mini-trunking is intended for use with power and low-voltage cabling, data, communications and alarm cables.

The mini-trunking are made from solid pine and primed with flame-retardant varnish.

They are available in six different sizes, from 12 x 12 mm to 40 x 60 mm, and consist of a pre-drilled base section and a snap-fit cover. Accessories are available for corners, bends, connections etc.

The trunking are intended for horizontal or vertical surface mounting on wall, using wood screws with countersunk heads or nails.

Accessories are installed with pre-fitted double-sided adhesive tape.

Product

Description

Mini-trunking system of solid wood, with snap-fit cover, in six different sizes.

Benefits

- Pre-drilled base sections
- Snap-fit cover. No tools required
- Easy to add or change cables
- Wide range

Material and colour

Solid pine, primed with flame-retardant water-based varnish.

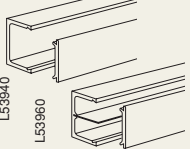
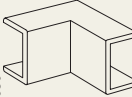
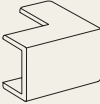
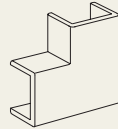
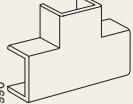
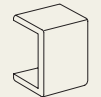
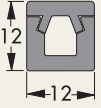
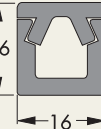
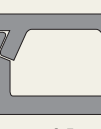
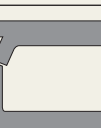

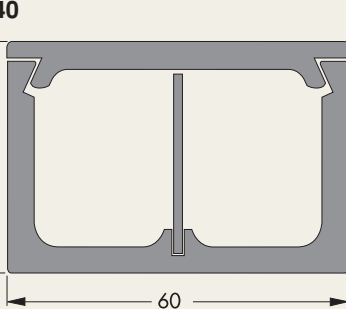
Lengths supplied

1170 mm.

Degree of protection

IP20.

Product Range, type TMW

In the matrix: Type Art. No. Material/ Finish	 L53940 L53960	 L53980	 L53950	 L53970	 L53990	 L54030
TMW-	Trunking base	Internal corner	External corner	Bend, 90°	T-piece	Stop end
K12  R40490	TMW-K12 5430 010					
K16  R40500	TMW-K16 5430 020					
K18  R40510	TMW-K18 5430 030	TMW-IH18 5431 030	TMW-YH18 5431 230	TMW-LS18 5431 430	TMW-TS18 5431 630	TMW-ES18 5431 830
K20  R40520	TMW-K20 5430 040	TMW-IH20 5431 040	TMW-YH20 5431 240	TMW-LS20 5431 440	TMW-TS20 5431 640	TMW-ES20 5431 840
K30  R40530	TMW-K30 5430 050	TMW-IH30 5431 050	TMW-YH30 5431 250	TMW-LS30 5431 450	TMW-TS30 5431 650	TMW-ES30 5431 850
K40  R40540	TMW-K40 5430 060	TMW-IH40 5431 060	TMW-YH40 5431 260	TMW-LS40 5431 460	TMW-TS40 5431 660	TMW-ES40 5431 860

Mounting

