



Panel Building Solutions

MADE FOR REAL 

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Innovative space-savers for professionals



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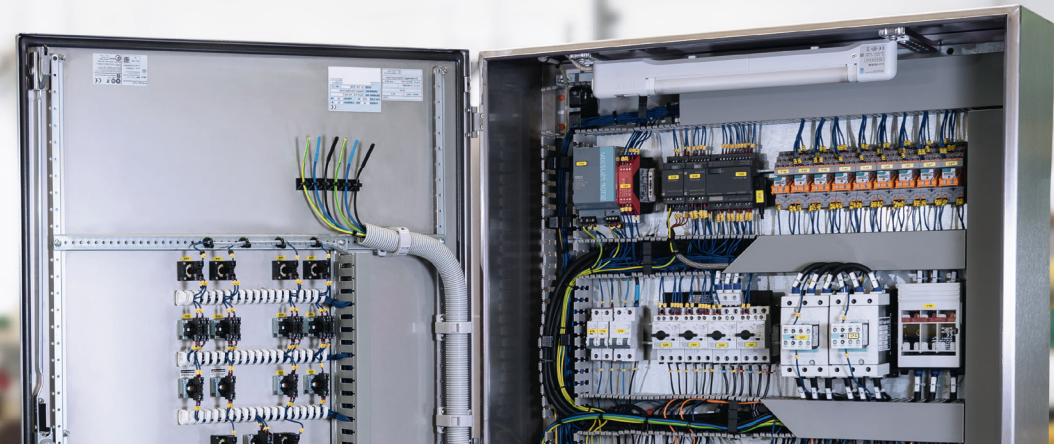
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MADE FOR PANEL BUILDING



Discover our cable management know-how around panel building and learn how to optimise your cable protection with solutions from HellermannTyton. Our online information hub features interviews with customers, expert tips, product guides and access to free samples.

[Visit panel building hub](#)



NSYCRN

Mild Steel Wall Mounted Enclosures

Steel enclosures made from a continuous length of sheet steel. Both internally and externally protected with texturized polyester epoxy resin RAL7035 grey paint.



Features and Benefits

- Welded studs on the back for direct fixing of mounting plates and other accessories
- Drill holes for wall fixings are sealed with the supplied plastic plugs to maintain degree of protection
- Concealed and easily removable hinges allow the easy reversal of the door, as well as enabling 120° opening
- Foamed-in polyurethane gasket and front rain gutter ensures high degree of protection
- IK10
- Suitable for use indoors
- Supplied with a double bar lock as standard

TYPE	Height mm	Width mm	Depth mm	IP rating	Number of Doors	Pack Cont.
NSYCRN22150	200	200	150	IP66	1	1
NSYCRN23150	200	300	150	IP66	1	1
NSYCRN252150	250	200	150	IP66	1	1
NSYCRN325150	300	250	150	IP66	1	1
NSYCRN325200	300	250	200	IP66	1	1
NSYCRN33150	300	300	150	IP66	1	1
NSYCRN33200	300	300	200	IP66	1	1
NSYCRN34200	300	400	200	IP66	1	1
NSYCRN345150	300	450	150	IP66	1	1
NSYCRN43150	400	300	150	IP66	1	1
NSYCRN43200	400	300	200	IP66	1	1
NSYCRN44200	400	400	200	IP66	1	1
NSYCRN46250	400	600	250	IP66	1	1
NSYCRN46300	400	600	300	IP66	1	1
NSYCRN54150	500	400	150	IP66	1	1
NSYCRN54200	500	400	200	IP66	1	1
NSYCRN54250	500	400	250	IP66	1	1

NSYCRN55250	500	500	250	IP66	1	1
NSYCRN64150	600	400	150	IP66	1	1
NSYCRN64200	600	400	200	IP66	1	1
NSYCRN64250	600	400	250	IP66	1	1
NSYCRN65150	600	500	150	IP66	1	1
NSYCRN65200	600	500	200	IP66	1	1
NSYCRN65250	600	500	250	IP66	1	1
NSYCRN66200	600	600	200	IP66	1	1
NSYCRN66250	600	600	250	IP66	1	1
NSYCRN66300	600	600	300	IP66	1	1
NSYCRN68300	600	800	300	IP66	1	1
NSYCRN75200	700	500	200	IP66	1	1
NSYCRN75250	700	500	250	IP66	1	1
NSYCRN86200	800	600	200	IP66	1	1
NSYCRN86250	800	600	250	IP66	1	1
NSYCRN86300	800	600	300	IP66	1	1
NSYCRNG86400*	800	600	400	IP66	1	1
NSYCRN88200	800	800	200	IP66	1	1
NSYCRN88300	800	800	300	IP66	1	1
NSYCRNG810300D*	800	1000	300	IP55	2	1
NSYCRNG812300D*	800	1200	300	IP55	2	1
NSYCRN106250	1000	600	250	IP66	1	1
NSYCRN106300	1000	600	300	IP66	1	1
NSYCRNG106400*	1000	600	400	IP66	1	1
NSYCRN108250	1000	800	250	IP66	1	1
NSYCRN108300	1000	800	300	IP66	1	1
NSYCRNG108400*	1000	800	400	IP66	1	1
NSYCRNG1010300D*	1000	1000	300	IP55	2	1
NSYCRNG1012300D*	1000	1200	300	IP55	2	1
NSYCRNG1012400D*	1000	1200	400	IP55	2	1
NSYCRNG126300*	1200	600	300	IP66	1	1
NSYCRNG126400*	1200	600	400	IP66	1	1
NSYCRNG128300*	1200	800	300	IP66	1	1
NSYCRNG128400*	1200	800	400	IP66	1	1
NSYCRNG1210300D*	1200	1000	300	IP55	2	1
NSYCRNG1210400D*	1200	1000	400	IP55	2	1
NSYCRNG1212300D*	1200	1200	300	IP55	2	1
NSYCRNG1212400D*	1200	1200	400	IP55	2	1
NSYCRNG1410300D*	1400	1000	300	IP55	2	1

NSYCRN Transparent Door

Mild Steel Wall Mounted Enclosures

Steel enclosures with a transparent door. Both internally and externally protected with texturized polyester epoxy resin RAL7035 grey paint to IK08.

Features and Benefits

- Easily reversible door, as well as enabling 110° door opening
- IK08
- Tempered glass transparent door
- NSYCRNG enclosures supplied with a 3 point locking system
- Suitable for use indoors
- Supplied with a double bar lock as standard



TYPE	Height mm	Width mm	Depth mm	IP Rating	Number of doors	Pack Cont.
NSYCRN325150T	300	250	150	IP66	1	1
NSYCRN325200T	300	250	200	IP66	1	1
NSYCRN33150T	300	300	150	IP66	1	1
NSYCRN33200T	300	300	200	IP66	1	1
NSYCRN34200T	300	400	200	IP66	1	1
NSYCRN43150T	400	300	150	IP66	1	1
NSYCRN43200T	400	300	200	IP66	1	1
NSYCRN44200T	400	400	200	IP66	1	1
NSYCRN46250T	400	600	250	IP66	1	1
NSYCRN46300T	400	600	300	IP66	1	1
NSYCRN54150T	500	400	150	IP66	1	1
NSYCRN54200T	500	400	200	IP66	1	1
NSYCRN54250T	500	400	250	IP66	1	1
NSYCRN55250T	500	500	250	IP66	1	1
NSYCRN64150T	600	400	150	IP66	1	1
NSYCRN64200T	600	400	200	IP66	1	1
NSYCRN64250T	600	400	250	IP66	1	1
NSYCRN65150T	600	500	150	IP66	1	1

NSYCRN65200T	600	500	200	IP66	1	1
NSYCRN65250T	600	500	250	IP66	1	1
NSYCRN66200T	600	600	200	IP66	1	1
NSYCRN66250T	600	600	250	IP66	1	1
NSYCRN66300T	600	600	300	IP66	1	1
NSYCRN68300T	600	800	300	IP66	1	1
NSYCRN75200T	700	500	200	IP66	1	1
NSYCRN75250T	700	500	250	IP66	1	1
NSYCRN86200T	800	600	200	IP66	1	1
NSYCRN86250T	800	600	250	IP66	1	1
NSYCRN86300T	800	600	300	IP66	1	1
NSYCRN86400T	800	600	400	IP66	1	1
NSYCRN88200T	800	800	200	IP66	1	1
NSYCRN88300T	800	800	300	IP66	1	1
NSYCRN106250T	1000	600	250	IP66	1	1
NSYCRN106300T	1000	600	300	IP66	1	1
NSYCRNG106400T	1000	600	400	IP66	1	1
NSYCRN108250T	1000	800	250	IP66	1	1
NSYCRN108300T	1000	800	300	IP66	1	1
NSYCRNG108400T	1000	800	400	IP66	1	1
NSYCRNG1010300T	1000	1000	300	IP55	2	1
NSYCRNG126300T	1200	600	300	IP66	1	1
NSYCRNG126400T	1200	600	400	IP66	1	1
NSYCRNG128300T	1200	800	300	IP66	1	1
NSYCRNG128400T	1200	800	400	IP66	1	1

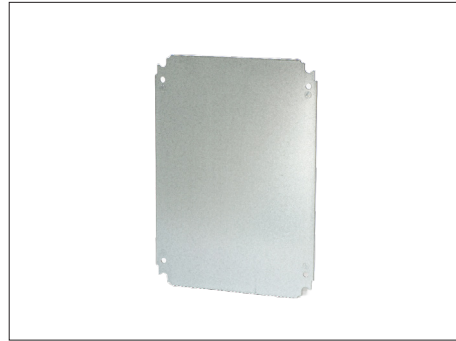
NSYMM

Galvanised Steel Mounting Plates

Galvanised steel plates with cut-outs for ease of installation.

Features and Benefits

- Suitable for use with a range of enclosures.
- Other materials are available on request.
- Suits NSYCRN/NSYPLMG/NSYS3X Enclosures.



TYPE	Height of Enclosure (mm)	Width of Enclosure (mm)	Height of plate (mm)	Width of plate (mm)	Pack Cont.
NSYMM22	200	200	150	150	1
NSYMM23	200	300	150	250	1
NSYMM2520	250	200	200	150	1
NSYMM32	300	200	250	150	1
NSYMM3025	300	250	250	200	1
NSYMM33	300	300	250	250	1
NSYMM43	300	400	250	350	1
NSYMM3045	300	450	250	400	1
NSYMM44	400	400	350	350	1
NSYMM64	400	600	350	550	1
NSYMM54	500	400	450	350	1
NSYMM55	500	500	450	450	1
NSYMM65	600	500	550	450	1
NSYMM66	600	600	550	550	1
NSYMM75	700	500	650	450	1
NSYMM76	700	600	650	550	1
NSYMM86	800	600	750	550	1
NSYMM88	800	800	750	750	1
NSYMM106	1000	600	950	550	1
NSYMM108	1000	800	950	750	1
NSYMM1010	1000	1000	950	950	1
NSYMM126	1200	600	1150	550	1
NSYMM128	1200	800	1150	750	1
NSYMM1210	1200	1000	1150	950	1
NSYMM1212	1200	1200	1150	1150	1
NSYMM1410	1400	1000	1350	950	1

Locks

Locks suitable for use on NSYSM Enclosures

A range of locks suitable for use on NSYSM enclosures. Replacements, double bar inserts and key inserts.



TYPE	Description	Pack Cont.
NSYSFH51	Replacement handle for NSYSM boxes	1
NSYINDB31	3mm double bar insert	1
NSYINDB51	5mm double bar insert	1
NSYIN405E1	405 key insert	1

Locks

Locks and keys to suit NSYCRN Enclosures

A range of locks to suit the NSYCRN range of enclosures.

TYPE	Description	Pack Cont.
NSYCL405CRN	Full key operated lock with 405 key for NSYCRN enclosures	1
NSYTEL405ML	Full key operated lock with 405 key for NSYCRNG enclosures	1
NSYTL405SML	Full key operated handle lock with 405 key for NSYCRNG enclosures	1
NSYCD3	Replacement double bar lock with NSYCRN enclosures	1
NSYDBP	Replacement key for double bar lock (wing key) for NSYCRN and NSYPLM enclosures	1
NSYKPLM	Stainless steel padlock bracket for NSYCRN, NSYPLM and NSY53X enclosures	1
NSYCBCCR	Padlock system for NSYCRN enclosures	1
NSYLD85	Key for double bar lock for NSYCRN, NSYCRNG, NSYPLM and NSYPLA enclosures	1

NSYSM

Mild Steel Floor Standing Enclosures

Steel enclosures made as a single piece with rear welded panel. Both internally and externally protected with texturized polyester epoxy resin RAL7035 grey paint.

Features and Benefits

- Easily reversible door with reinforcement frame, enabling 120° door opening
- 4 locking points system with handle and 5mm double bar insert
- IK08
- Suitable for use indoors
- Complete with mounting plate



TYPE	Height mm	Width mm	Depth mm	IP Rating	Number of doors	Pack Cont.
NSYSM12830P	1200	800	300	IP55	1	1
NSYSM1210302DP	1200	1000	300	IP55	2	1
NSYSM1212402DP	1200	1200	400	IP55	2	1
NSYSM14630P	1400	600	300	IP55	1	1
NSYSM14640P	1400	600	400	IP55	1	1
NSYSM14830P	1400	800	300	IP55	1	1
NSYSM14840P	1400	800	400	IP55	1	1
NSYSM1410402DP	1400	1000	400	IP55	2	1
NSYSM1412402DP	1400	1200	400	IP55	2	1
NSYSM16630P	1600	600	300	IP55	1	1
NSYSM16640P	1600	600	400	IP55	1	1
NSYSM16830P	1600	800	300	IP55	1	1
NSYSM16840P	1600	800	400	IP55	1	1
NSYSM1610302DP	1600	1000	300	IP55	2	1
NSYSM1610402DP	1600	1000	400	IP55	2	1
NSYSM1612302DP	1600	1200	300	IP55	2	1
NSYSM1612402DP	1600	1200	400	IP55	2	1
NSYSM18630P	1800	600	300	IP55	1	1

NSYSM18640P	1800	600	400	IP55	1	1
NSYSM18650P	1800	600	500	IP55	1	1
NSYSM18830P	1800	800	300	IP55	1	1
NSYSM18840P	1800	800	400	IP55	1	1
NSYSM18850P	1800	800	500	IP55	1	1
NSYSM18860P	1800	800	600	IP55	1	1
NSYSM181040P	1800	1000	400	IP55	1	1
NSYSM1810502DP	1800	1000	500	IP55	2	1
NSYSM1812402DP	1800	1200	400	IP55	2	1
NSYSM1812502DP	1800	1200	500	IP55	2	1
NSYSM1816402DP	1800	1600	400	IP55	2	1
NSYSM1816502DP	1800	1600	500	IP55	2	1
NSYSM20630P	2000	600	300	IP55	1	1
NSYSM20640P	2000	600	400	IP55	1	1
NSYSM20650P	2000	600	500	IP55	1	1
NSYSM20830P	2000	800	300	IP55	1	1
NSYSM20840P	2000	800	400	IP55	1	1
NSYSM20850P	2000	800	500	IP55	1	1
NSYSM20860P	2000	800	600	IP55	1	1
NSYSM2010402DP	2000	1000	400	IP55	2	1
NSYSM2010502DP	2000	1000	500	IP55	2	1
NSYSM2012402DP	2000	1200	400	IP55	2	1
NSYSM2012502DP	2000	1200	500	IP55	2	1
NSYSM2012602DP	2000	1200	600	IP55	2	1
NSYSM2016402DP	2000	1600	400	IP55	2	1
NSYSM2016502DP	2000	1600	500	IP55	2	1
NSYSM2016602DP	2000	1600	600	IP55	2	1

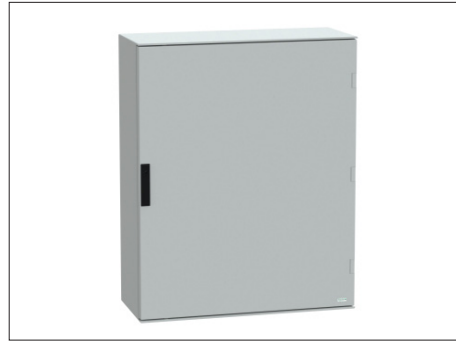
NSYPLMG

GRP Wall Mounted Enclosures

A range of wall mounted enclosures made from polyester reinforced with fibreglass, moulded by hot compression in RAL 7035 grey.

Features and Benefits

- Door hinges allow a 180°C opening
- NSYPLM108G supplied with a 4 point locking mechanism
- Self extinguishing material
- Resistant against rusting and corrosion by chemical or atmospheric agents
- Working temperature from -50°C to +150°C
- For indoor or outdoor use
- IK10



NSYPLM TG

GRP Wall Mounted Enclosures with Glazed Door

Wall mounting enclosures made from GRP, moulded by hot compression in RAL 7035 grey with a glazed door.

Features and Benefits

- Door hinges allow a 180° opening
- Self extinguishing material
- Resistant against rusting and corrosion by chemical or atmospheric agents.
- Maximum working temperature ranges from -50°C to +150°C
- For indoor or outdoor use
- IK10
- NSYPLM108TG supplied with a 4 point locking system



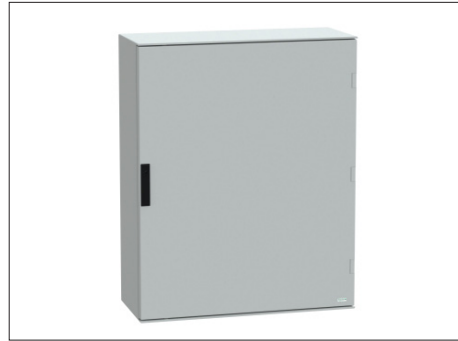
TYPE	Height mm	Width mm	Depth mm	IP Rating	Pack Cont.	Pack Cont.
NSYPLM32G	310	215	160	IP66	1	1
NSYPLM3025G	308	255	160	IP66	1	1
NSYPLM43G	430	330	200	IP66	1	1
NSYPLM54G	530	430	200	IP66	1	1
NSYPLM64G	647	436	250	IP66	1	1
NSYPLM75G	747	536	300	IP66	1	1
NSYPLM86G	847	636	300	IP66	1	1
NSYPLM108G	1056	852	350	IP66	1	1

TYPE	Height mm	Width mm	Depth mm	IP Rating	Pack Cont.	Pack Cont.
NSYPLM32TG	310	215	160	IP66	1	1
NSYPLM3025TG	308	255	160	IP66	1	1
NSYPLM43TG	430	330	200	IP66	1	1
NSYPLM54TG	530	430	200	IP66	1	1
NSYPLM64TG	647	436	250	IP66	1	1
NSYPLM75TG	747	536	300	IP66	1	1
NSYPLM86TG	847	636	300	IP66	1	1
NSYPLM108TG	1056	852	350	IP66	1	1

NSYPLAG

GRP Floor Standing Enclosures

A range of floor standing enclosures made from polyester reinforced with fibreglass, moulded by hot compression in RAL 7035 grey.



Features and Benefits

- Door hinges allow a 120° opening
- Self extinguishing material
- Resistant against rusting and corrosion by chemical or atmospheric agents.
- Maximum working temperature ranges from -50°C to +150°C
- For indoor or outdoor use
- IK10
- Enclosures over 1000mm height are supplied with a 4 point locking system

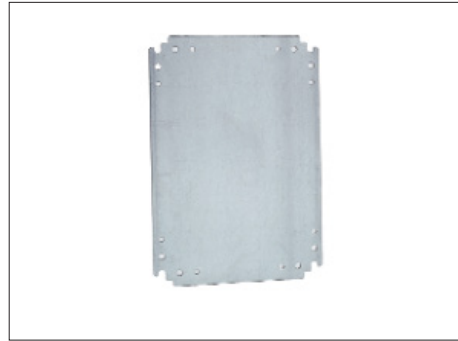
TYPE	Height mm	Width mm	Depth mm	IP Rating	Number of doors	Pack Cont.
NSYPLA553G	500	500	320	IP65	1	1
NSYPLA554G	500	500	420	IP65	1	1
NSYPLA573G	500	750	320	IP65	1	1
NSYPLA574G	500	750	420	IP65	1	1
NSYPLA5103G	500	1000	320	IP65	2	1
NSYPLA5104G	500	1000	420	IP65	2	1
NSYPLA5123G	500	1250	320	IP65	2	1
NSYPLA5124G	500	1250	420	IP65	2	1
NSYPLA753G	750	500	320	IP65	1	1
NSYPLA754G	750	500	420	IP65	1	1
NSYPLA773G	750	750	320	IP65	1	1
NSYPLA774G	750	750	420	IP65	1	1
NSYPLA7103G	750	1000	320	IP65	2	1
NSYPLA7104G	750	1000	420	IP65	2	1
NSYPLA7123G	750	1250	320	IP65	2	1
NSYPLA7124G	750	1250	420	IP65	2	1
NSYPLA1053G	1000	500	320	IP65	1	1

NSYPLA1054G	1000	500	420	IP65	1	1
NSYPLA1073G	1000	750	320	IP65	1	1
NSYPLA1074G	1000	750	420	IP65	1	1
NSYPLA10103G	1000	1000	320	IP65	2	1
NSYPLA10104G	1000	1000	420	IP65	2	1
NSYPLA10123G	1000	1250	320	IP65	2	1
NSYPLA10124G	1000	1250	420	IP65	2	1
NSYPLA1253G	1250	500	320	IP65	1	1
NSYPLA1254G	1250	500	420	IP65	1	1
NSYPLA1273G	1250	750	320	IP65	1	1
NSYPLA1274G	1250	750	420	IP65	1	1
NSYPLA12103G	1250	1000	320	IP65	2	1
NSYPLA12104G	1250	1000	420	IP65	2	1
NSYPLA12123G	1250	1250	320	IP65	2	1
NSYPLA12124G	1250	1250	420	IP65	2	1
NSYPLA1553G	1500	500	320	IP65	1	1
NSYPLA1554G	1500	500	420	IP65	1	1
NSYPLA1573G	1500	750	320	IP65	1	1
NSYPLA1574G	1500	750	420	IP65	1	1
NSYPLA15103G	1500	1000	320	IP65	2	1
NSYPLA15104G	1500	1000	420	IP65	2	1
NSYPLA15123G	1500	1250	320	IP65	2	1
NSYPLA15124G	1500	1250	420	IP65	2	1

NSYPMM

Galvanised Steel Mounting Plates

Galvanised steel plates suitable for NSYPLAG enclosures with cut-outs for ease of installation.



TYPE	Height of Enclosure mm	Width of Enclosure mm	Pack Cont.
NSYPMM55	500	500	1
NSYPMM75	500	750	1
NSYPMM510	500	1000	1
NSYPMM55+NSYPMM75	500	1250	1
NSYPMM75	750	500	1
NSYPMM77	750	750	1
NSYPMM710	750	1000	1
NSYPMM712	750	1250	1
NSYPMM105	1000	500	1
NSYPMM107	1000	750	1
NSYPMM1010	1000	1000	1
NSYPMM1012	1000	1250	1
NSYPMM125	1250	500	1
NSYPMM127	1250	750	1
NSYPMM1210	1250	1000	1
NSYPMM1212	1250	1250	1
NSYPMM155	1500	500	1
NSYPMM157+NSYPMM157	1500	750	1
NSYPMM1510	1500	1000	1
NSYPMM1512	1500	1250	1

Locks

Locks to suit NSYPLAG Enclosures

A range of locks suitable for use on NSYPLAG enclosures. Replacements, double bar inserts and key inserts.

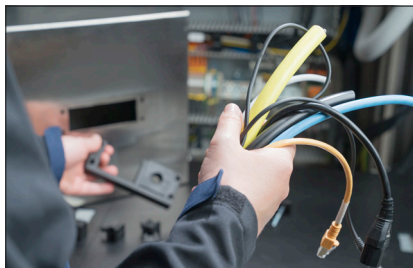


TYPE	Description	Pack Cont.
NSYIN405E1	Lock insert with 405 key	1
NSYEBMPLA	Standard handle	1
NSYBCPLA	Padlock device	1
NSYINDB31	Double bar lock insert 3mm	1
NSYINDB51	Double bar lock insert 5mm	1



Please note that both the standard handle and the lock insert are required for a full lock transformation

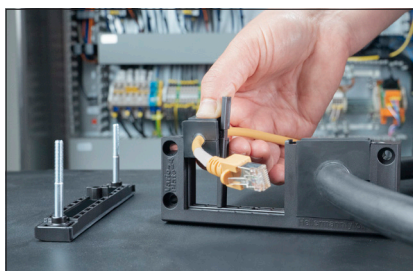
Save time and space with the VarioPlate Cable Entry System



How do you route and seal different sized cables?

VarioPlate Cable Entry System – product benefits at a glance:

The VarioPlate Cable Entry System is used to install multiple cables of different diameters, with or without pre-terminated plugs or connectors, or wherever space is limited. It is available in 4 different frame sizes which correspond to the cut-out dimensions commonly used in panel building and for industrial machinery. Combinable grommets with 1, 2 or 4 holes, are available for cable diameters ranging from 3-16 mm (size S) and 16-33 mm (size L).



Easy! With combinable grommets in one frame.

- Modular design saves you time and space
- Easy to assemble and adapt
- Integrated frame gasket seals up to IP66
- Small and large grommets combinable in one frame
- Grommets include moulded strain relief retainer
- Design of grommet hole compensates for cable diameter tolerance
- Suitable for all common cut-out dimensions
- IP65 and IP66 approved design

[Click for more information](#)



VarioPlate – your system for modular and flexible cable entry solutions

Learn about the product benefits, easy installation process and watch how to manage up to 40 cables in just one cable entry plate in the video below.



Grommet includes strain relief retainer



No additional sealing required



Flexible lips in the gasket holes ensure good cable diameter tolerance

VarioPlate configurator: design and save the ideal cable entry for your applications!

[Watch tutorial video](#)



1. Decide on the frame size
2. Choose the grommet for your cable diameters
3. Print or save the data directly to your computer

Quick and easy, in a few simple steps

[Configure now](#)



VarioPlate Insert Grommets

TYPE	Drawing	Length (L)	Height (H)	Cable Ø min	Cable Ø max	Article-No.
VP-S_0_Blindinsert		21.1	21.8	-	-	440-00004
VP-S_3-4_Ins-sgl		21.1	21.8	3.0	4.0	440-00005
VP-S_4-5_Ins-sgl		21.1	21.8	4.0	5.0	440-00006
VP-S_5-6_Ins-sgl		21.1	21.8	5.0	6.0	440-00007
VP-S_6-7_Ins-sgl		21.1	21.8	6.0	7.0	440-00008
VP-S_7-8_Ins-sgl		21.1	21.8	7.0	8.0	440-00009
VP-S_8-9_Ins-sgl		21.1	21.8	8.0	9.0	440-00010
VP-S_9-10_Ins-sgl		21.1	21.8	9.0	10.0	440-00011
VP-S_10-11_Ins-sgl		21.1	21.8	10.0	11.0	440-00012
VP-S_11-12_Ins-sgl		21.1	21.8	11.0	12.0	440-00013
VP-S_12-13_Ins-sgl		21.1	21.8	12.0	13.0	440-00014
VP-S_13-14_Ins-sgl		21.1	21.8	13.0	14.0	440-00015
VP-S_14-15_Ins-sgl		21.1	21.8	14.0	15.0	440-00016
VP-S_15-16_Ins-sgl		21.1	21.8	15.0	16.0	440-00017
VP-S_2/4-5_Ins-dbl			21.1	21.8	4.0	5.0
VP-S_2/5-6_Ins-dbl	21.1		21.8	5.0	6.0	440-00019
VP-S_2/6-7_Ins-dbl	21.1		21.8	6.0	7.0	440-00020
VP-S_2/7-8_Ins-dbl	21.1		21.8	7.0	8.0	440-00021
VP-S_4/4-5_Ins-quad		21.1	21.8	4.0	5.0	440-00022
VP-S_4/5-6_Ins-quad		21.1	21.8	5.0	6.0	440-00023
VP-L_16-17_Ins-sgl		42.2	43.6	16.0	17.0	440-00024
VP-L_17-18_Ins-sgl		42.2	43.6	17.0	18.0	440-00025
VP-L_18-19_Ins-sgl		42.2	43.6	18.0	19.0	440-00026
VP-L_19-20_Ins-sgl		42.2	43.6	19.0	20.0	440-00027
VP-L_20-21_Ins-sgl		42.2	43.6	20.0	21.0	440-00028
VP-L_21-22_Ins-sgl		42.2	43.6	21.0	22.0	440-00029
VP-L_22-23_Ins-sgl		42.2	43.6	22.0	23.0	440-00030
VP-L_23-24_Ins-sgl		42.2	43.6	23.0	24.0	440-00031
VP-L_24-25_Ins-sgl		42.2	43.6	24.0	25.0	440-00032
VP-L_25-26_Ins-sgl		42.2	43.6	25.0	26.0	440-00033
VP-L_26-27_Ins-sgl		42.2	43.6	26.0	27.0	440-00034
VP-L_27-28_Ins-sgl		42.2	43.6	27.0	28.0	440-00035
VP-L_28-29_Ins-sgl		42.2	43.6	28.0	29.0	440-00036
VP-L_29-30_Ins-sgl		42.2	43.6	29.0	30.0	440-00037
VP-L_30-31_Ins-sgl		42.2	43.6	30.0	31.0	440-00038
VP-L_31-32_Ins-sgl		42.2	43.6	31.0	32.0	440-00039
VP-L_32-33_Ins-sgl		42.2	43.6	32.0	33.0	440-00040

All dimensions in mm. Subject to technical changes.

VarioPlate Mounting Tool



TYPE	Article-No.
VP_Mounting_Tool	440-00048

All dimensions in mm. Subject to technical changes.

VarioPlate Insert Grommets

TYPE	Drawing	Length (L)	Width (W)	Article-No.
VarioPlate-4_Frame		61.0	72.8	440-00000
VarioPlate-10_Frame		61.0	96.5	440-00001
VarioPlate-16_Frame		61.0	116.5	440-00002
VarioPlate-24_Frame		61.0	143.5	440-00003

All dimensions in mm. Subject to technical changes.

VarioPlate Insert Grommets

TYPE	Drawing	Ø (D)	Cable Ø min	Cable Ø max	Article-No.
VP_3-5_Blindplug		-	3.0	5.0	440-00041
VP_5_5_Blindplug		5.0	-	-	440-00049
VP_5-7_Blindplug		-	5.0	7.0	440-00042
VP_5_7_Blindplug		7.0	-	-	440-00050
VP_7-9_Blindplug		-	7.0	9.0	440-00043
VP_9-11_Blindplug		-	9.0	11.0	440-00044
VP_11-13_Blindplug		-	11.0	13.0	440-00045
VP_13-15_Blindplug		-	13.0	15.0	440-00046
VP_15-16_Blindplug		-	15.0	16.0	440-00047

All dimensions in mm. Subject to technical changes.

Connection Products

Nylon Cable Glands

Nylon domed headed cable glands are quick and easy to install and cater for a wide range of cable sizes.

A range of quality nylon cable glands that can be used on a wide range of applications when connecting cable to electrical equipment (but not steel wire armoured cable).



Features and Benefits

- Material Nylon 66
- Low smoke, zero halogen
- IP rating IP68
- Metric thread
- Available in red, black, white, dark grey and grey
- Euro slot packaging
- Complete with lock nut and washer

TYPE	Size	Colour	Cable Clamp Range	Pack Cont.
NGM12RD	M12	Red (RD)	3-6.5mm	10
NGM16RD	M16	Red (RD)	5-10mm	10
NGM20SRD	M20	Red (RD)	6-12mm	10
NGM20RD	M20	Red (RD)	10-14mm	10
NGM25RD	M25	Red (RD)	13-18mm	10
NGM32RD	M32	Red (RD)	18-25mm	5
NGM40RD	M40	Red (RD)	22-32mm	5
NGM50RD	M50	Red (RD)	30-38mm	2
NGM63RD	M63	Red (RD)	34-44mm	2
NGM12WE	M12	White (WE)	3-6.5mm	10
NGM16WE	M16	White (WE)	5-10mm	10
NGM20SWE	M20	White (WE)	6-12mm	10
NGM20WE	M20	White (WE)	10-14mm	10
NGM25WE	M25	White (WE)	13-18mm	10
NGM32WE	M32	White (WE)	18-25mm	5
NGM40WE	M40	White (WE)	22-32mm	5
NGM50WE	M50	White (WE)	30-38mm	2
NGM63WE	M63	White (WE)	34-44mm	2

NGM12GY	M12	Grey (GY)	3-6.5mm	10
NGM16GY	M16	Grey (GY)	5-10mm	10
NGM20SGY	M20	Grey (GY)	6-12mm	10
NGM20GY	M20	Grey (GY)	10-14mm	10
NGM25GY	M25	Grey (GY)	13-18mm	10
NGM32GY	M32	Grey (GY)	18-25mm	5
NGM40GY	M40	Grey (GY)	22-32mm	5
NGM50GY	M50	Grey (GY)	30-38mm	2
NGM63GY	M63	Grey (GY)	34-44mm	2
NGM12DGY	M12	Dark Grey (DGY)	3-6.5mm	10
NGM16DGY	M16	Dark Grey (DGY)	5-10mm	10
NGM20SDGY	M20	Dark Grey (DGY)	6-12mm	10
NGM20DGY	M20	Dark Grey (DGY)	10-14mm	10
NGM25DGY	M25	Dark Grey (DGY)	13-18mm	10
NGM32DGY	M32	Dark Grey (DGY)	18-25mm	5
NGM40DGY	M40	Dark Grey (DGY)	22-32mm	5
NGM50DGY	M50	Dark Grey (DGY)	30-38mm	2
NGM63DGY	M63	Dark Grey (DGY)	34-44mm	2
NGM12BK	M12	Black (BK)	3-6.5mm	10
NGM16BK	M16	Black (BK)	5-10mm	10
NGM20SBK	M20	Black (BK)	6-12mm	10
NGM20BK	M20	Black (BK)	10-14mm	10
NGM25BK	M25	Black (BK)	13-18mm	10
NGM32BK	M32	Black (BK)	18-25mm	5
NGM40BK	M40	Black (BK)	22-32mm	5
NGM50BK	M50	Black (BK)	30-38mm	2
NGM63BK	M63	Black (BK)	34-44mm	2

Brass Glands

BW Indoor Gland

Features and Benefits

- For use with all types of SWA cables to BS6346
- For use indoors in dry locations
- Simple two part design with low resistance armour locking and no sealing



TYPE	Description	Pack Cont.
BW20S	20mm Small	2
BW20	20mm Standard	2
BW25	25mm Standard	2
BW32	32mm Standard	2
BW40	40mm Standard	1
BW50	50mm Standard	1
BW50S	50mm Small	1
BW63	63mm Standard	1
BW75	75mm Standard	1

LSFBW Indoor Glands

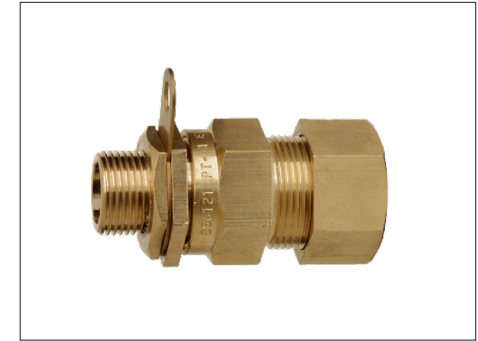
TYPE	Description	Pack Cont.
LSFBW20S	20mm Small LSF	2
LSFBW20	20mm Standard LSF	2
LSFBW25	25mm Standard LSF	2
LSFBW32	32mm Standard LSF	2
LSFBW40	40mm Standard LSF	1
LSFBW50	50mm Standard LSF	1
LSFBW63	63mm Standard LSF	1
LSFBW75	75mm Standard LSF	1
LSFBW75	75mm Standard LSF	1

Brass Glands

CW Indoor Gland

Features and Benefits

- For use with all types of SWA cables to BS6346
- For use indoors and outdoors whenever it is required to provide a sealing on the cable outer sheath
- CW glands are weather proof and can be used in corrosive conditions when protected with a shroud
- Positive armour locking effective earth continuity, increased mechanical strength



TYPE	Description	Pack Cont.
CW20S	20mm Small	2
CW20	20mm Standard	2
CW25	25mm Standard	2
CW32	32mm Standard	2
CW40	40mm Standard	1
CW50	50mm Standard	1
CW50S	50mm Small	1
CW63	63mm Standard	1
CW75	75mm Standard	1

TYPE	Description	Pack Cont.
LSFCW20S	20mm Small LSF	2
LSFCW20	20mm Standard LSF	2
LSFCW25	25mm Standard LSF	2
LSFCW32	32mm Standard LSF	2
LSFCW40	40mm Standard LSF	1
LSFCW50	50mm Standard LSF	1
LSFCW50S	50mm Small LSF	1
LSFCW63	63mm Standard LSF	1
LSFCW75	75mm Standard LSF	1

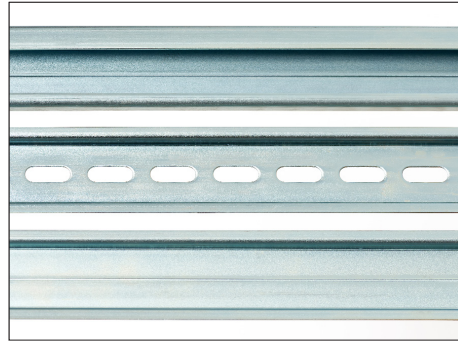
Connection Products

DIN Rail and Mounting Brackets

A range of Top Hat and G Type din rail. Mounting brackets also available.

Features and Benefits

- Top Hat or G Rail
- Zinc coated
- Plain or slotted
- Available in 1 or 2 metre lengths



Connection Products

DIN Rail and Mounting Brackets

A range of mounting / support brackets available angled or straight.



TYPE	Description		Rail Depth mm	Rail Width mm	Weight (kg/m)	Pack Cont.
TS1520X2M	Mini Top Hat	Standard	5.5 x 10.5	15	0.165	20 x 2m
TS15F20X2M	Mini Top Hat	Slotted	5.5 x 10.5	15	0.14	20 x 2m
TS3220X2M	G Type	Standard	15 x 16.5	32	0.73	20 x 2m
TS32F620X2M	G Type	Slotted	15 x 16.5	32	0.69	20 x 2m
TS3520X2M	Top Hat	Standard	7.5 x 27	35	0.35	20 x 2m
TS35F620X2M	Top Hat	Slotted	7.5 x 27	35	0.3	20 x 2m
TS35S20X2M	Top Hat	Standard	10 x 27	35	0.39	20 x 2m
TS35C20X2M	Deep Top Hat	Standard	15 x 27	35	0.67	20 x 2m
TS35CF620X2M	Deep Top Hat	Slotted	15 x 27	35	0.615	20 x 2m
TS15F10X1M	Mini Top Hat	Slotted	5.5 x 10.5	15	0.14	10 x 1m
TS3210X1M	G Type	Standard	15 x 16.5	32	0.73	10 x 1m
TS3510X1M	Top Hat	Standard	7.5 x 27	35	0.35	10 x 1m
TS35F610X1M	Top Hat	Slotted	7.5 x 27	35	0.3	10 x 1m

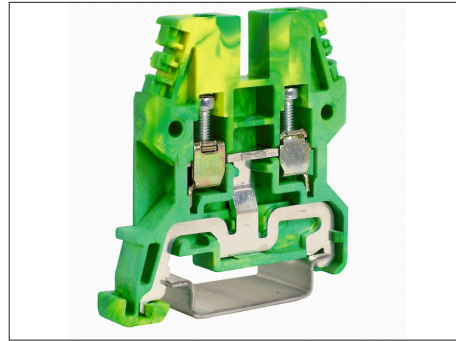
TYPE	Description	Height (mm)	Fixing	Pack Cont.
BK0425	Angled	42	M6	2
TS-SM6	Angled	48	M6	1
BK0805	Angled	82	M6	2
BK0201	Straight	20	M6	2
BK0441	Straight	41	M6	2
BK0706	Straight	70	M6	2
BK0904	Straight	90	M6	2
CSK63	Screws to Suit	-	M6	1000

Connection Products

Earth Terminals

Features and Benefits

- Polyamide insulator
- Available as 35mm Top Hat and 32mm G Rail types in screw clamp fixing form
- TEO.2 earth terminal, suitable for 35mm Top Hat rail mounting through blade connect system to rail
- Copper/zinc alloy, high percentage of copper conductor



TYPE	Rated Wire	Description	Pack Cont.
TEO.2	Earth Terminal 2.5mm ²	35mm Rail	1
TEO.4	Earth Terminal 4mm ²	35mm Rail	1
TE.6/0	Earth Terminal 6mm ²	35mm Rail	1
TE.10/0	Earth Terminal 10mm ²	35mm Rail	1
TE.16/0	Earth Terminal 16mm ²	35mm Rail	1
TE.50/0	Earth Terminal 50mm ²	35mm Rail	1
TE.4/D	Earth Terminal 4mm ²	G Rail	1
TE.6/D	Earth Terminal 6mm ²	G Rail	1
TE.10/D	Earth Terminal 10mm ²	G Rail	1
TE.16/D	Earth Terminal 16mm ²	G Rail	1
TE.50/D	Earth Terminal 50mm ²	G Rail	1
CBC2/4PT	End section for TEO.4 Terminal	End Section	50

End Brackets

Features and Benefits

- Used on the end of Din Rail to ensure that other terminals / units do not slide around
- Quick fit



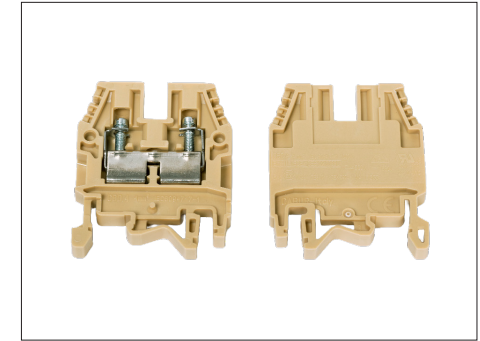
TYPE	Description	Pack Cont.
BT/3	End Bracket For 35mm Top Hat Rail	25
BT/DIN/PO	End Bracket For 32mm G Type Rail	25
BT/U	Universal End Bracket 32/35mm Top hat/G-type Rail	25

Connection Products

Rail Mounted Terminal Blocks

Features and Benefits

- Conforms to all major international standards including UL, cUL, CSA, KEMA and LR
- Ex-e Certified
- Self extinguishing UL94V-0 material
- Polyamide material for use between -30°C to +110°C
- Full range of accessories available
- Current ratings up to 192 Amps (to IEC standards)
- Top Hat/GRail
- Blue EXI version available on request



TYPE	Rated Wire (flexible)	Current Rating	Terminal Width	Pack Cont.
CBD.2	0.5-4mm ²	24A	5.5	10
CBD.4	0.5-6mm ²	32A	6.5	10
CBD.6	0.5-10mm ²	41A	8	10
CBD.10	0.5-16mm ²	57A	10	10
CBD.16	0.5-25mm ²	76A	12	5
CBD.35	0.5-35mm ²	101A	16	5
CBD.50	1.5-50mm ²	125A	18	5
CBD.70	1.5-95mm ²	192A	20.5	5

TYPE	Description	Pack Cont.
CBD.2/PT	End Section For CBD.2	10
CBD.4/6/PT	End Section For CBD.4andCBD.6	10
CBD.10/PT	End Section For CBD.10	10
CBD.16/PT	End Section For CBD.16	5
CBD.35/PT	End Section For CBD.35	5
CBD.50/PT	End Section For CBD.50	5
CBD.70/PT	End Section For CBD.70	5

Connection Products

Distribution Terminal Boards

The single pole distribution terminal boards represent the ideal solution for use in electrical panels, distribution and photovoltaic plants, offering a nominal voltage of 1000 V suitable for alternate and direct current. Installation is quick and flexible due to the compact shape and the option of being fitted to DIN-rail or being fixed directly panel mounted.

Features and Benefits

- The 500 A version has an entry suitable for flexible busbars, while the other versions are suitable for both rigid and flexible cables. The locking screw for hexagonal wrench, facilitates correct secure tightening.
- Suitable for DIN rail or panel mounting
- High number of connection points
- IPXXB protection degree according to IEC60529
- Compact Dimension



TYPE	Description	Maximum Current	Maximum Voltage	Number and rated cross connection	Connecting Capacity	Pack Cont.
QBLOK1P080E	Unipolar distribution terminal board 80A, grey	80A	1000 Vac / 1000 Vdc	1 x 16mm 2 x 16mm 4 x 6mm	6-16mm	1ea
QBLOK1P125E	Unipolar distribution terminal board 125A, grey	125A	1000 Vac / 1000 Vdc	1 x 35mm 1 x 16mm 6 x 16mm	10-35mm	1ea
QBLOK1P160E	Unipolar distribution terminal board 160A, grey	160A	1000 Vac / 1000 Vdc	1 x 70mm 1 x 16mm 6 x 16mm	10-70mm	1ea
QBLOK1P250E	Unipolar distribution terminal board, 250A, grey	250A	1000 Vac / 1000 Vdc	1 x 120mm 2 x 35mm 5 x 16mm	35-120mm	1ea
QBLOK1P400E	Unipolar distribution terminal board, 400A, grey	400A	1000 Vac / 1000 Vdc	1 x 185mm 2 x 35mm 5 x 16mm 4 x 10mm	95-185mm	1ea
QBLOK1P500E	Unipolar distribution terminal board, 500A, grey	500A	1000 Vac / 1000 Vdc	8x24x1 – 2x20x1mm 2 x 35mm 5 x 16mm 4 x 10mm	The 500 A version has an entry suitable for flexible busbars	1ea

Connection Products

Pre-insulated End Sleeve Terminals

A comprehensive range of pre-insulated end sleeve terminals available in both French and German standard colour codings.

Features and Benefits

- RoHS and UL approved
- Material Nylon (PA66)
- Other sizes and materials are available on request, subject to MOQ and lead time



TYPE	Reference	Cable Size	Colour	Pack Cont
French Colour	CE005008	0.50mm x 8F	○	500
	CE075008	0.75mm x 8F	●	500
	CE010008	1.0mm x 8F	●	500
	CE015008	1.5mm x 8F	●	500
	CE025008	2.5mm x 8F	●	500
	CE0400104	4.0mm x 10F	●	500
	CE060012	6.0mm x 12F	●	100
	CE100012	10mm x 12F	●	100
	CE160012	16mm x 12F	●	100
	CE250016	25mm x 16F	●	100
	CE350016	35mm x 16F	●	50
	CE500020	50mm x 20F	●	50
German Colour	CE005008W	0.50mm x 8G	●	500
	CE075008W	0.75mm x 8G	○	500
	CE010008W	1.0mm x 8G	●	500
	CE015008W	1.5mm x 8G	●	500
	CE025008W	2.5mm x 8G	●	500
	CE040010W	4.0mm x 10G	●	500
	CE060012W	6.0mm x 12G	●	100



Connection Products

Pre-Insulated Light Duty Terminals

A range of Pre-insulated terminals from 0.5mm-6.0mm²

Features and Benefits

- Red insulation 0.5-1.5mm²
- Blue insulation 1.5-2.5mm²
- Yellow insulation 4.0-6.0mm²
- Material: Copper Tin Plated. Sleeve Vinyl.
- RoHS compliant
- UL Approved



Type	Drawings	Description	Size (mm)	Dimensions (mm)	Colour	QTY
HFP1.5-003		Ring	0.5-1.5	3	●	100
HFP2.5-003			1.5-2.5	3	●	100
HFP1.5-003.5			0.5-1.5	3.5	●	100
HFP2.5-003.5			1.5-2.5	3.5	●	100
HFP4.0-003.5			4.0-6.0	3.5	●	100
HFP1.5-004			0.5-1.5	4	●	100
HFP2.5-004			1.5-2.5	4	●	100
HFP4.0-004			4.0-6.0	4	●	100
HFP1.5-005			0.5-1.5	5	●	100
HFP2.5-005			1.5-2.5	5	●	100
HFP4.0-005	4.0-6.0	5	●	100		
HFP1.5-006		Ring	0.5-1.5	6	●	100
HFP2.5-006			1.5-2.5	6	●	100
HFP4.0-006			4.0-6.0	6	●	100
HFP1.5-008			0.5-1.5	8	●	100
HFP2.5-008			1.5-2.5	8	●	100
HFP4.0-008			4.0-6.0	8	●	100
HFP2.5-010		Ring	1.5-2.5	10	●	100
HFP4.0-010			4.0-6.0	10	●	100
HFP1.5-S3			0.5-1.5	3	●	100
HFP1.5-S3.5			0.5-1.5	3.5	●	100
HFP2.5-S3.5			1.5-2.5	3.5	●	100
HFP4.0-S3.5			4.0-6.0	3.5	●	100
HFP1.5-S4			0.5-1.5	4	●	100
HFP2.5-S4			1.5-2.5	4	●	100
HFP1.5-S5		Fork	0.5-1.5	5	●	100
HFP2.5-S5			1.5-2.5	5	●	100
HFP4.0-S5			4.0-6.0	5	●	100
HFP1.5-S6			0.5-1.5	6	●	100
HFP2.5-S6			1.5-2.5	6	●	100
HFP4.0-S6			4.0-6.0	6	●	100

Type	Drawings	Description	Size (mm)	Dimensions (mm)	Colour	QTY
HFP1.5WP12		Pin	0.5-1.5	Pin Length 12	●	100
HFP2.5-WP12			1.5-2.5	Pin Length 12	●	100
HFP4.0-WP14			4.0-6.0	Pin Length 12	●	100
HFP2.5-FB9		Flat Blade	1.5-2.5	9.0 x 2.8	●	100
HFP1.5-FB18			0.5-1.5	18.0 x 2.3	●	100
HFP2.5-FB18			1.5-2.5	18.0 x 2.3	●	100
HFP1.5-FB10			0.5-1.5	10.0 x 2.3	●	100
HFP1.5-HB		Hook Blade	0.5-1.5	3	●	100
HFP2.5-HB			1.5-2.5	3	●	100
HFP1.5-BC		Butt	0.5-1.5	~	●	100
HFP2.5-BC			1.5-2.5	~	●	100
HFP4.0-BC			4.0-6.0	~	●	100
HFP1.5-BCHS*			0.5-1.5	~	●	25
HFP2.5-BCHS*			1.5-2.5	~	●	25
HFP4.0-BCHS*			4.0-6.0	~	●	25
HFP1.5-F110-5		Female Push on	0.5-1.5	2.8 x 0.5	●	100
HFP1.5-F110-8			0.5-1.5	2.8 x 0.8	●	100
HFP1.5-F187-5			0.5-1.5	4.7 x 0.5	●	100
HFP2.5-F187-5			1.5-2.5	4.7 x 0.5	●	100
HFP1.5-F187-8			0.5-1.5	4.7 x 0.8	●	100
HFP2.5-F187-8			1.5-2.5	4.7 x 0.8	●	100
HFP1.5-F250-8			0.5-1.5	6.3 x 0.8	●	100
HFP2.5-F250-8			1.5-2.5	6.3 x 0.8	●	100
HFP4.0-F250-8			4.0-6.0	6.3 x 0.8	●	100
HFP4.0-F375-8			4.0-6.0	9.5 x 1.0	●	100
HFP1.5-M250-8		Male Push on	0.5-1.5	6.3 x 0.8	●	100
HFP2.5-M250-8			1.5-2.5	6.3 x 0.8	●	100
HFP4.0-M250-8			4.0-6.0	6.3 x 0.8	●	100
HFP1.5-FS250-8		Female Fully Insulated	0.5-1.5	6.3 x 0.8	●	100
HFP2.5-FS250-8			1.5-2.5	6.3 x 0.8	●	100
HFP2.5-F250-8			1.5-2.5	6.3 x 0.9	●	100
HFP4.0-FS250-8			1.5-2.5	6.3 x 0.9	●	100
HFP1.5-MF250-8		Push on Adaptor	0.5-1.5	6.3 x 0.9	●	100
HFP2.5-MF250-8			1.5-2.5	6.3 x 0.8	●	100
HFP1.5-MB		Male Bullet Connector	0.5-1.5	4	●	100
HFP2.5-MB			1.5-2.5	4	●	100
HFP1.5-FB		Female Bullet Connector	0.5-1.5	4	●	100
HFP2.5-FB			1.5-2.5	4	●	100
HFP1.0CEC		Close End Connector		1	○	25
HFP2.5CEC			2.5	~	○	25
HFP4.0CEC			4	~	○	25
HFP10.0CEC			10	~	○	25

Connection Products


Pre-insulated End Sleeve Terminals

A comprehensive range of pre-insulated end sleeve terminals available in both French and German standard colour codings.

Features and Benefits

- RoHS and UL approved
- Material Nylon (PA66)
- Other sizes and materials are available on request, subject to MOQ and lead time



TYPE	Reference	Cable Size	Colour	Pin Length	Pack Cont.
Pre-Insulated 	CT205008	2 x 0.5	○	8.0	1000
	CT207508	2 x 0.75	●	8.0	1000
	CT207510	2 x 0.75	●	10.0	1000
	CT210008	2 x 1.0	●	8.0	1000
	CT210010	2 x 1.0	●	10.0	1000
	CT215008	2 x 1.5	●	8.0	1000
	CT225013	2 x 2.5	●	13.0	1000
	CT225010	2 x 2.5	●	10.0	1000
	CT240012	2 x 4.0	●	12.0	1000
	CT260014	2 x 6.0	●	14.0	1000
	CT215012	2 x 1.5	●	12.0	1000

Connection Products

Pre-insulated Twin End Sleeve Terminals

A comprehensive range of pre-insulated twin end sleeve terminals available in standard colour codings.

Features and Benefits

- 0.5mm² - 16mm²
- Crimp tool and wire cutter included
- •ROHS Approved
- •UL Approved



TYPE	Description	Pack Cont.
A8191797T	0.5mm ² - 16mm ²	1

Connection Products

Terminal Kits

This 630 piece terminal kit comes in a quality steel box.

Features and Benefits

- •0.5-6mm² cable diameter
- Colour coded pre-insulated
- Cutting tool included
- Ratchet crimp tool included
- RoHS Approved
- UL Approved



TYPE	Description	Pack Cont.
A8191797T	0.5mm ² - 16mm ²	1

Connection Products

Terminal Kits

This 225 piece terminal kit contains a selection of popular sizes of heat shrinkable pre-insulated crimp terminals and one crimping tool.

Features and Benefits

- 0.5-6mm² cable diameter
- 225 pre-insulated copper terminals
- Range of popular types: ring, spade, bullet and splices
- Offers water resistant seal
- Ratchet crimp tool included
- Comes in a polypropylene multi-compartment box with locking lid
- RoHS Approved
- UL Approved



TYPE	Description	Pack Cont.
A8191797T	0.5mm ² - 16mm ²	1

Connection Products

Copper Tube Terminals and Copper Tube

Suitable for the termination of cables and stud connectors and splices for joining cable together.

Features and Benefits

- Material: High conductivity copper BS EN12449
- Purity: >99.9%
- Coating: Electro Tin Plating to BS1872
- Terminals have flared (bell mouth) entry for ease of cable insertion
- Terminals have inspection holes to check that the cable is inserted properly before terminal is crimped to the cable
- Range covers cable sizes from 6mm to 300mm
- Packed in polythene (PE) bags with Euro slot



TYPE	To fit cable size mm	Stud Dia mm	Pack cont.
HCT64	6.0	4.0	100
HCT66	6.0	6.0	100
HCT68	6.0	8.0	100
HCT610	6.0	10.0	100
HCT106	10.0	6.0	100
HCT108	10.0	8.0	100
HCT1010	10.0	10.0	100
HCT1012	10.0	12.0	100
HCT166	16.0	6.0	100
HCT168	16.0	8.0	100
HCT1610	16.0	10.0	100
HCT1612	16.0	12.0	100
HCT256	25.0	6.0	100
HCT258	25.0	8.0	100
HCT2510	25.0	10.0	100
HCT2512	25.0	12.0	100
HCT356	35.0	6.0	100
HCT358	35.0	8.0	100

HCT3510	35.0	10.0	100
HCT3512	35.0	12.0	100
HCT506	50.0	6.0	50
HCT508	50.0	8.0	50
HCT5010	50.0	10.0	50
HCT5012	50.0	12.0	50
HCT706	70.0	6.0	50
HCT708	70.0	8.0	50
HCT7010	70.0	10.0	50
HCT7012	70.0	12.0	50
HCT7014	70.0	14.0	50
HCT7016	70.0	16.0	50
HCT958	95.0	8.0	5
HCT9510	95.0	10.0	5
HCT9512	95.0	12.0	5
HCT9514	95.0	14.0	5
HCT9516	95.0	16.0	5
HCT1208	120.0	8.0	5
HCT12010	120.0	10.0	5
HCT12012	120.0	12.0	5
HCT12014	120.0	14.0	5
HCT12016	120.0	16.0	5
HCT15010	150.0	10.0	5
HCT15012	150.0	12.0	5
HCT15014	150.0	14.0	5
HCT15016	150.0	16.0	5
HCT18510	185.0	10.0	5
HCT18512	185.0	12.0	5
HCT18514	185.0	14.0	5
HCT18516	185.0	16.0	5
HCT24010	240.0	10.0	5
HCT24012	240.0	12.0	5
HCT30010	300.0	10.0	5
HCT30012	300.0	12.0	5
HCT30016	300.0	16.0	5

Shrinkable Markers, "Continuous Tube", Thermal Transfer

TCGT – 3:1 Commercial Grade

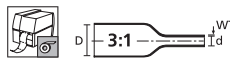
TCGT is a commercial grade 3:1 heat shrink marker material supplied as a continuous tube and printable on both sides. TCGT's polyolefin compound has good mechanical strength and resistance to organic solvents and chemicals. The surface of the tubing has been especially prepared so that print performance is excellent at all times. HellermannTyton's printer range allow users to create a high quality print. In addition, it is possible to either perforate the tubing at pre-determined lengths or fully sever the markers.



MATERIAL	Polyolefin, cross-linked (PO-X)
Operating Temperature	-55 °C to +135 °C
Min. Shrink Temperature	+90 °C
Shrink Ratio	3:1
Recommended Ribbon Type	TTDTHOUT, TTRW, TT822OUT8
Thermal Transfer Printer	TT431, TT4030, TrakMark DS

Features and Benefits

- Shrink ratio 3:1
- Available in black, blue, red, white and yellow
- Cable range from 39 mm to 1 mm
- Good mechanical strength and resistance to organic solvents and chemicals
- Highly flexible
- Delivery in convenient storage boxes



TYPE	Supplied Ø D min.	Recov. Ø d max.	Wall (WT)	Pack Cont.	Colour	Article-No.
TCGT3-1WH	3.0	1.0	0.60	176 m	White (WH)	553-30351
TCGT3-1YE	3.0	1.0	0.60	176 m	Yellow (YE)	553-30350
TCGT4.8-1.6WH	4.8	1.6	0.65	110 m	White (WH)	553-30451
TCGT4.8-1.6YE	4.8	1.6	0.65	110 m	Yellow (YE)	553-30450
TCGT6-2WH	6.0	2.0	0.70	110 m	White (WH)	553-30651
TCGT6-2YE	6.0	2.0	0.70	110 m	Yellow (YE)	553-30650
TCGT9-3WH	9.0	3.0	0.80	72 m	White (WH)	553-30951
TCGT9-3YE	9.0	3.0	0.80	72 m	Yellow (YE)	553-30950
TCGT12-4WH	12.0	4.0	0.85	54 m	White (WH)	553-31251
TCGT12-4YE	12.0	4.0	0.85	54 m	Yellow (YE)	553-31250
TCGT18-6WH	18.0	6.0	1.00	26 m	White (WH)	553-31851
TCGT18-6YE	18.0	6.0	1.00	26 m	Yellow (YE)	553-31850
TCGT24-8WH	24.0	8.0	1.20	26 m	White (WH)	553-32451
TCGT24-8YE	24.0	8.0	1.20	26 m	Yellow (YE)	553-32450
TCGT39-13WH	39.0	13.0	1.25	10 m	White (WH)	553-33951
TCGT39-13YE	39.0	13.0	1.25	10 m	Yellow (YE)	553-33950

Identification Tags for Cable Bundle, Thermal Transfer

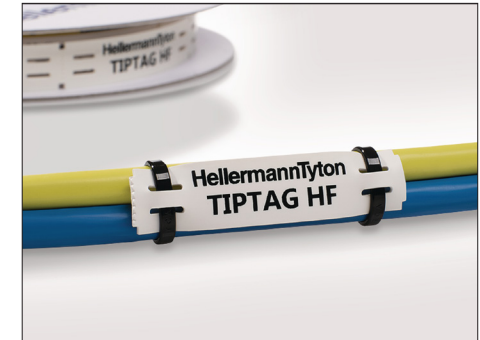
Limited Fire Hazard Tiptags, Halogen free

The Tiptag HF cable markers have been designed to identify larger wires and cable bundles not only in the electronics and general cabling environments but also in the railway industry. Tiptag HF is halogen free and its material properties show low smoke propagation, density and toxicity. Tiptags are presented in a special perforated format which include fastening slots for easy fitting with cable ties. They are also suitable for retrofit purposes.

Print from the reel with HellermannTyton's premium range of thermal transfer printers and ribbons for optimum print quality and longevity.

Features and Benefits

- Ideal for marking larger wire and cable bundles
- Halogen free
- Low smoke propagation and toxicity
- Perforated format that includes fastening slots for cable ties
- Available in various colours



MATERIAL	Polyolefin (PO)
Operating Temperature	-40 °C to +90 °C, (+160 °C, for 200 h)
Flammability	Limited Fire Hazard, Low generation of toxic gases and corrosive acid, Low smoke generation, Halogen free
Recommended Ribbon Type	TTDTHOUT
Thermal Transfer Printer	TT431, TT4030
EN 45545-2 Classification	R22 HL3, R23 HL3



TYPE	Length (L)	Width (W)	Pack Cont.	Colour	Article-No.
TIPTAG11X65BU	65.0	11.0	190 pcs.	Blue (BU)	556-20066
TIPTAG11X65RD	65.0	11.0	190 pcs.	Red (RD)	556-20062
TIPTAG11X65WH	65.0	11.0	190 pcs.	White (WH)	556-20069
TIPTAG11X65YE	65.0	11.0	190 pcs.	Yellow (YE)	556-20064
TIPTAG15X65WH	65.0	15.0	190 pcs.	White (WH)	556-21069
TIPTAG15X65YE	65.0	15.0	190 pcs.	Yellow (YE)	556-21064
TIPTAG11X100BU	100.0	11.0	120 pcs.	Blue (BU)	556-20080
TIPTAG11X100RD	100.0	11.0	120 pcs.	Red (RD)	556-20091
TIPTAG11X100WH	100.0	11.0	120 pcs.	White (WH)	556-20079
TIPTAG11X100YE	100.0	11.0	120 pcs.	Yellow (YE)	556-20074
TIPTAG15X100RD	100.0	15.0	120 pcs.	Red (RD)	556-21096
TIPTAG15X100WH	100.0	15.0	120 pcs.	White (WH)	556-21079
TIPTAG15X100YE	100.0	15.0	120 pcs.	Yellow (YE)	556-21074

Identification Tags for Cable Bundle, "Ladder Style", Thermal Transfer

TAGPU – UV-stabilised Diamond Tag

TAGPU is a specially designed cable marker for identifying larger wire and cable bundles, where a permanently legible and UV resistant marking is required. The cable markers consist of a robust and flexible polyurethane material and are especially suited for harsh environments. They are supplied pre-cut and have been formatted into a convenient "ladder" system. The markers are applied to cable and harness assemblies with cable ties, and are also suitable for retrofit purposes. The material has been conditioned for printing on both thermal transfer and laser beam printers. Simply print and press out the required TAGPU and apply with cable ties.

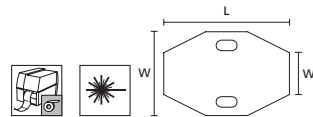
Print with HellermannTyton's premium range of thermal printers and ribbons or a laser beam marking device.

Features and Benefits

- Shrink ratio 3:1
- Available in black, blue, red, white and yellow
- Cable range from 39 mm to 1 mm
- Good mechanical strength and resistance to organic solvents and chemicals
- Highly flexible
- Delivery in convenient storage boxes



MATERIAL	Polyolefin, cross-linked (PO-X)
Operating Temperature	-55 °C to +135 °C
Min. Shrink Temperature	+90 °C
Shrink Ratio	3:1
Recommended Ribbon Type	TTDTHOUT, TTRW, TT822OUT8
Thermal Transfer Printer	TT431, TT4030, TrakMark DS



TYPE	Drawing	Length (L)	Width (W)	Width (W2)	Pack Cont.	Colour	Article-No.
TAGPU20X30-2		30.0	20.0	11.0	1,000 pcs.	Blue (BU)	556-80556
		30.0	20.0	11.0	1,000 pcs.	Red (RD)	556-80557
		30.0	20.0	11.0	1,000 pcs.	White (WH)	556-80527
		30.0	20.0	11.0	1,000 pcs.	Yellow (YE)	556-80528

Ladder-Style Cable Markers

TAGPU – UV-stabilised Tiptag

TAGPU LOOP is a specially designed cable marker for identifying wires and cables without using a cable tie. The markers are looped on cables and wires from 2.8 mm to 35 mm, where a permanently legible and UV resistant marking is required. The cable markers consist of a robust and flexible polyurethane material and are especially suited for harsh environments. The material has been conditioned for printing on both thermal transfer and laser beam printers. Print with HellermannTyton's premium range of thermal printers and ribbons or a laser beam marking device.

Features and Benefits

- Using without cable ties - Cost and time savings
- UV-stabilised
- Robust and flexible material
- Thermal transfer or laser beam printable
- Available in various colours
- Halogen Free
- Good mechanical strength and highly flexible
- Delivery in convenient storage boxes



MATERIAL	Polyurethane (PUR)
Operating Temperature	-25 °C to +105 °C
Flammability	UL 94 V0 (3mm)
Recommended Ribbon Type	TT287, TT8C+

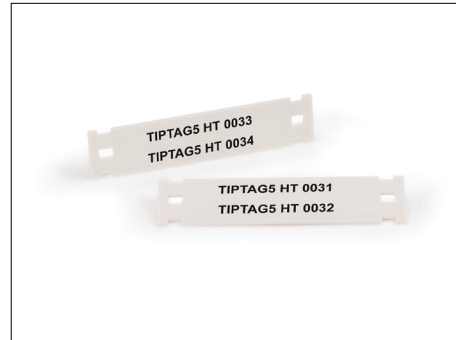


TYPE	Colour	Pack Cont.	Article-No.
TAGPU12X74-LOOP-PUR-WH	White (WH)	500 pcs	556-80584
TAGPU12X74-LOOP-PUR-YE	Yellow (YE)	500 pcs	556-80585
TAGPU12X74-LOOP-PUR-BU	Blue (BU)	500 pcs	556-80586
TAGPU12X74-LOOP-PUR-RD	Red (RD)	500 pcs	556-80587

Identification Tags for Cable Bundle, Thermal Transfer

Tiptag5

Tiptag5 Mini is a specially designed cable marker with a compact size, ideal for identifying small wires, like fibre optic cables. This marker can be easily attached with the range of slim T18R cable ties. Also, it counts with easy fastening slots for quick application and a perforated format which allows easy removal and application from batch. Print with HellermannTyton's premium range of thermal printers and ribbons to ensure the best printing quality.



Features and Benefits

- Very compact size
- Extension of current Tiptag HF portfolio
- Designed to identify wires and cable bundles even down to the smallest diameter
- Halogen free
- Low smoke propagation and toxicity
- EN45545
- Various colours available on request
- 50mm Length (40mm printable area) and 5.5mm High

MATERIAL	Polyolefin (PO)
Operating Temperature	-40 °C to +90 °C, (+160 °C, for 200 h)
Specifications	EN 45545-2
Recommended Ribbon Type	TTDTHOUT



TYPE	Colour	Pack Cont.	Article-No.
TIPTAGSX50WH-2-PO-WH	White (WH)	500 pcs	556-81500

Pre-printed Cable Markers

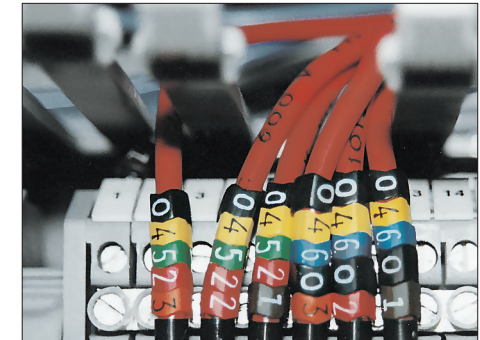
Helagrip, slide on, chevron cut

The Helagrip range consists of pre-printed markers that slide easily onto cables and wires. The anti-skew chevron-cut ensures that markers are locked together and stay in place.

The markers are ideally suited for panel building, mass transit, utilities, telecommunications and electrical contracting.

Markers are available as standard in international resistor colour code and yellow material marked in black. White material marked in black is available to special order.

Characters are 0-9, A-Z and standard electrical symbols.



MATERIAL	Flexible Polyvinyl Chloride, cadmium free (PVC)
Operating Temperature	-65 °C to +105 °C, intermittent +135 °C
Flammability	UL 94 V0 (3 mm)

Features and Benefits

- Easily apply one size marker to wide range of cables
- Markers are applied before termination takes place
- Chevron cut to lock markers together ensuring text remains in place
- Traditional wire marking available in yellow, white and colour code
- Flexible material so product remains securely on the wire
- Applicator tool TJC available



TYPE	Bundle Ø min.	Bundle Ø max.	Width (W)	Height (H)
HGDC1-3	1.0	3.0	3.5	1,000 pcs.
HGDC2-5	2.0	5.0	3.5	1,000 pcs.
HGDC4-9	4.0	9.0	5.0	250 pcs.

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content. Other packaging options may also be available. More colours on request.

TYPE	Bundle Ø min.	Bundle Ø max.	Width (W)	Height (H)
TJC1-3	Applicator tool TJC1-3	Helagrip 1-3	518-00113	1,000 pcs.
TJC2-5	Applicator tool TJC2-5	Helagrip 2-5	518-00125	1,000 pcs.
TJC4-9	Applicator tool TJC4-9	Helagrip 4-9	518-00149	250 pcs.

Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content..



For individual part numbers please see page 484-486 in the product catalogue.
Scan or click the QR code to be taken directly to the catalogue page.

Pre-printed Cable Markers

Ovalgrip, slide on, straight cut

The Ovalgrip range consists of pre-printed markers that slide easily onto cables and wires. The markers are ideally suited to panel building, mass transit, utilities, telecommunications and electrical contracting.

These markers are supplied as standard on a disk / reel.

They are available as a standard in yellow material marked in black, and international resistor colour code. Characters are 0-9, A-Z and standard electrical symbols.

White material marked in black available on special request.

AT1 Arrowtags will fit 7 size 50 markers.

AT2 Arrowtags will fit 8 size 85 markers.

AT3 Arrowtags will fit 14 size 85 markers.

AT4 Arrowtags will fit 20 size 85 markers.



MATERIAL	Flexible Polyvinyl Chloride, cadmium free (PVC)
Operating Temperature	-65 °C to +105 °C, intermittent +135 °C
Flammability	UL 94 V0 (3 mm)



Features and Benefits

- Oval shaped markers designed to fit AT1, AT2, AT3 or AT4 (depending on Ovalgrip size)
- Ideal for use in maintenance and repair and fixed with cable ties
- Direct application to wire and cable before termination is also recommended

i The products have been tested in-house according to UL224.



TYPE	Bundle Ø min.	Bundle Ø max.	Length (L)	Pack Cont.	For Size
HODS50	1.7	3.7	4.0	1,000 pcs.	AT1
HODS85	1.8	6.0	4.5	1,000 pcs.	AT2/AT3/AT4

All dimensions in mm. Subject to technical changes.

Minimum Order Quantity (MOQ) may differ from package content. Other packaging options may also be available. More colours on request.



For individual part numbers please see page 488 in the product catalogue. Scan or click the QR code to be taken directly to the catalogue page.

Pre-printed Cable Markers

WIC, snap on

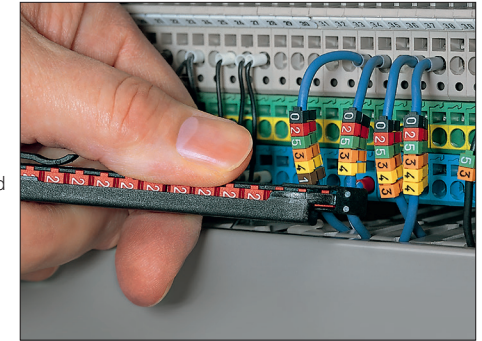
The WIC range of pre-printed cable markers easily snap onto cables and wires. The WIC tool ensures an easy application of the markers – simply insert the markers into the tool, slide down and press the markers onto the wire while twisting. Markers for fibre cables should be applied by hand.

All markers come with a locking mechanism to ensure perfect text alignment.

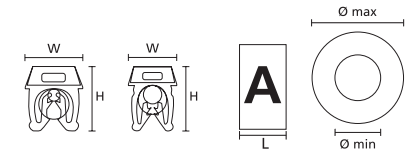
The two WICA accessories are ideal for marking cables of larger diameters (6 mm² - 95 mm²).

Features and Benefits

- Fast and easy to use pre-printed nylon snap-on marker
- Ideal where termination is completed or for maintenance and repair
- Markers lock together to give perfect text alignment
- Vibration resistant markers, WIC markers lock onto wire and cable tightly
- WIC tool holds 20 WIC markers in all four sizes
- Gripping system locks markers onto wire and resists rotation
- Popular 2 digit markings such as L1, L2, L3, PE are available in yellow or colour code
- Dispenser colour denotes marker size: WIC0 (green), WIC1 (red), WIC2 (blue), WIC3 (yellow)
- Two accessories available to identify cables from 6 mm² up to 25 mm² (WICA-AC10-25) and up to 95 mm² (WICA-ACT-BK)



MATERIAL	Polyamide 6.6 (PA66)
Operating Temperature	-40 °C to +85 °C, (+105 °C, 500 h)
Flammability	UL 94 V0



i Customized marking on request.

TYPE	Bundle Ø min.	Bundle Ø max.	Width (W)	Height (H)	Length (L)	Wire Size Range (mm ²)	Pack Cont.	Application Tool
WIC0	0.80	2.20	5.0	5.5	3.0	0.15-0.75	1,000 pcs.	WIC Tool
WIC1	2.00	2.80	5.0	6.4	3.0	0.50-1.50	1,000 pcs.	
WIC2	2.80	3.80	5.6	7.1	3.0	1.50-2.50	1,000 pcs.	
WIC3	4.30	5.30	8.0	9.6	3.0	4.00-6.00	500 pcs.	

All dimensions in mm. Subject to technical changes.

Minimum Order Quantity (MOQ) may differ from package content. Other packaging options may also be available. More colours on request.



For individual part numbers please see page 449-456 in the product catalogue. Scan or click the QR code to be taken directly to the catalogue page.

Identification Ties and Plates for Marking Cable Bundles

IT Ties

One of the major benefits is the ability to both secure and identify cable bundles at different times.

Features and Benefits

- Identification ties made of Polyamide 6.6
- For simple identification and securing of cable bundles in one step
- Printable labels are available for a professional finish
- Manual or temporary marking is possible with an indelible pen (T825-BK / T82R-RD)



MATERIAL	Polyamide 6.6 (PA66)
Operating Temperature	-40 °C to +85 °C
Flammability	UL 94 V2



TYPE	Bundle Ø min.	Bundle Ø max.	Width (W)	Height (H)	Length (L)	Width (W2)	N	Recommended Labels	Pack Cont.	Colour	Article-No.
IT18FL	1.5	19.0	20.5	9.0	110.0	2.5	80	TAG18-07TD1	100 pcs.	Natural (NA)	111-81919
IT18R	6.0	22.0	25.0	8.0	100.0	2.3	80	TAG23-06TD1	100 pcs.	Natural (NA)	111-81821

All dimensions in mm. Subject to technical changes. Minimum Order Quantity (MOQ) may differ from package content. Other packaging options may also be available. More colours on request.

Labels for IT Ties, IMP Plates and Q-tags, Thermal Transfer

Helatag 892 (White)

MATERIAL	Type 892, Vinyl, white (892)
Operating Temperature	-40 °C to +80 °C
Curing Temperature	from 0 °C
Adhesive	Acrylic
Thickness of Foil	83 µm
Chem. Material Properties	Good resistance against water, oils and most solvents.
Recommended Ribbon Type	TT822OUT
Thermal Transfer Printer	TT431, TT4030



TYPE	Bundle Ø min.	Bundle Ø max.	Width (W)	Height (H)	Length (L)	Width (W2)	N	Recommended Labels	Pack Cont.	Colour	Article-No.
IT18FL	1.5	19.0	20.5	9.0	110.0	2.5	80	TAG18-07TD1	100 pcs.	Natural (NA)	111-81919
IT18R	6.0	22.0	25.0	8.0	100.0	2.3	80	TAG23-06TD1	100 pcs.	Natural (NA)	111-81821

All dimensions in mm. Subject to technical changes. Minimum Order Quantity (MOQ) may differ from package content. Other packaging options may also be available. More colours on request.

Self-laminating Labels, Thermal Transfer

Helatag 896 (White-Transparent)

These labels are ideal for identifying cables and wire. They consist of a printable area plus a lamination function for protection of print text against humidity, dirt, debris and mechanical abrasion. Due to its flexibility these labels are also suitable for flat ribbon cables.

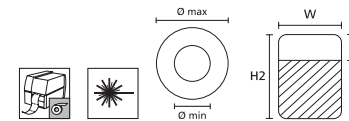
Features and Benefits

- High-quality self-laminating labels
- Suitable for marking of wires and cables
- Laminating function gives excellent protection against humidity and mechanical abrasion
- Rounded edge design gives additional bonding strength

i More variants and dimensions are available on request. Please contact us for more information.



MATERIAL	Type 896, Vinyl, white, transparent (1209)
Operating Temperature	-40 °C to +80 °C
Curing Temperature	from 0 °C
Adhesive	Acrylic
Thickness of Foil	90 µm
Chem. Material Properties	Resistant to water, alcohol, most oils, greases, fuel, aliphatic solvents, weak acids, salts and alkalis.
Recommended Ribbon Type	TT932DOUT
Thermal Transfer Printer	TT431, TT4030



TYPE	Bundle Ø min.	Bundle Ø max.	Width (W)	Height (H)	Height (H2)	Width of Liner (WL)	Labels per Row	Pack Cont.	Colour	Article-No.
TAG51TD3-1209-WHCL	1.4	3.0	25.4	8.8	19.1	85.0	3 pcs.	5,000 pcs.	White (WH), Transparent (CL)	596-12091
TAG26TD6-1209-WHCL	1.5	3.0	12.7	9.5	19.1	85.0	6 pcs.	10,000 pcs.	White (WH), Transparent (CL)	596-12096

Labels for control panel identification, thermal transfer

Helatag 1216 (White) for rough surfaces

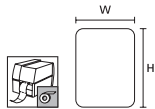
These labels are suitable for the permanent identification of components and preassembled units within the electrical industry as well as asset identification. Print with HellermannTyton's premium range of thermal transfer printers and ribbons for optimum print results. They can also be used in the design and setup as well as in the repair and expansion of control cabinets and control units.



MATERIAL	Type 1216, Polyethylene, white (1216)
Operating Temperature	-30 °C to +60 °C
Curing Temperature	from 0 °C
Adhesive	Acrylic
Thickness of Foil	110 µm
Chem. Material Properties	Resistant to water, alcohol, most oils, greases, fuel, aliphatic solvents, weak acids, salts and alkalis.
Recommended Ribbon Type	TT822OUT
Thermal Transfer Printer	TT431, TT4030

Features and Benefits

- Suited to labelling electrical panels
- White labels give excellent contrast
- Also suitable for critical surfaces
- Rounded corners ensure better long term durability of adhesion



TYPE	Width (W)	Height (H)	Width of Liner (WL)	Labels per Row	Pack Cont.	Colour	Article-No.
TAG05-08TC-1216-WH	5.0	8.0	85.0	16 pcs.	25,000 pcs.	White (WH)	596-12147
TAG05-15TC-1216-WH	5.0	15.0	85.0	16 pcs.	25,000 pcs.	White (WH)	596-12151
TAG06-10TC-1216-WH	6.0	10.0	85.0	13 pcs.	25,000 pcs.	White (WH)	596-12149
TAG08-15TC-1216-WH	8.0	15.0	85.0	10 pcs.	25,000 pcs.	White (WH)	596-12152

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content. Other packaging options may also be available.



Panel Plate Labels, Thermal Transfer

Helatag 1220 (White)

Panel labels are durable adhesive labels especially made from a thick material that is designed to replace traditional engraved plastic plates. The white glossy colour is suited to industrial control panels, switchgear, data racks and general equipment labelling.

Create crisp and clear professional looking labels by printing with HellermannTyton thermal transfer printers and ribbons. Simple label design creation is easily achieved using TagPrint Pro.



Features and Benefits

- Cost-effective replacement for engraved plastic plates, no need for additional label holder
- High performance adhesive and compressible foam backing ensures optimal adhesion to uneven surfaces if required
- Rounded corners ensure better long term durability of adhesion
- Print high contrast text and barcodes
- Print 'On Site' not order 'Off Site'
- Special sizes and colours are possible on request
- For outstanding chemical resistance use TT1220UT

MATERIAL	Type 1220, Polyester, white (1220)
Operating Temperature	-40 °C to +90 °C
Curing Temperature	+10 °C
Adhesive	Acrylic
Thickness of Foil	50 µm
Chem. Material Properties	Excellent resistance to ageing, weathering and UV-radiation. Extensive resistance to the influence of chemicals and solvents.
Recommended Ribbon Type	TT122OUT, TT822OUT
Thermal Transfer Printer	TT431, TT4030



i Bespoke Traffolyte labels available upon request

TYPE	Width (W)	Height (H)	Width of Liner (WL)	Labels per Row	Pack Cont.	Colour	Article-No.
TAG13-07TDK1-1220-WH	13.0	7.0	21.0	1 pc.	1,000 pcs.	White (WH)	596-00560
TAG22-22TDK1-1220-WH	22.0	22.0	28.0	1 pc.	1,000 pcs.	White (WH)	596-00561
TAG27-08TDK1-1220-WH	27.0	8.0	33.0	1 pc.	1,000 pcs.	White (WH)	596-00562
TAG27-12.5TDK1-1220-WH	27.0	12.5	33.0	1 pc.	1,000 pcs.	White (WH)	596-00558
TAG27-15TDK1-1220-WH	27.0	15.0	33.0	1 pc.	1,000 pcs.	White (WH)	596-00563
TAG27-18TDK1-1220-WH	27.0	18.0	33.0	1 pc.	1,000 pcs.	White (WH)	596-00564
TAG27-27TDK1-1220-WH	27.0	27.0	33.0	1 pc.	1,000 pcs.	White (WH)	596-00565
TAG35-18TDK1-1220-WH	35.0	18.0	41.0	1 pc.	1,000 pcs.	White (WH)	596-00566
TAG45-15TDK1-1220-WH	45.0	15.0	51.0	1 pc.	1,000 pcs.	White (WH)	596-00567
TAG45-25TDK1-1220-WH	45.0	25.0	51.0	1 pc.	1,000 pcs.	White (WH)	596-00568
TAG60-30TDK1-1220-WH	60.0	30.0	66.0	1 pc.	500 pcs.	White (WH)	596-00569
TAG90-45TDK1-1220-WH	90.0	45.0	96.0	1 pc.	500 pcs.	White (WH)	596-00570
TAG100-30TDK1-1220-WH	100.0	30.0	106.0	1 pc.	250 pcs.	White (WH)	596-00571
TAG100-70TDK1-1220-WH	100.0	70.0	106.0	1 pc.	250 pcs.	White (WH)	596-00572

Thermal Transfer Printer

TT431, Small to medium volume printing

The TT431 thermal transfer printer is perfect for printing on HellermannTyton materials such as self-adhesive labels, shrinkable tubing and identification tags. Thanks to its low weight and compact construction, the TT431 integrates seamlessly into any workstation. It is easy to use due to its intuitive colour LCD touch display and clear status messages which can be shown in multiple languages. The optional cutter and perforator make this printer ideal for a wide range of applications. 300 dpi resolution ensures that barcodes, warning symbols, logos and text are as sharp as they can be.

Features and Benefits

- Small to medium volume single sided printing
- Print on HellermannTyton cable markers and labels
- Uses standard ribbons
- Barcodes: standard and 2D
- Print speed up to 150 mm/s
- Adjustable label sensor
- Multiple language selection
- Windows drivers: 32/64 bit for Windows Vista, Windows 7, 8 and 10



Print Method	Thermal transfer
Print Head Type	300 dpi, flat type
Print Speed	up to 150 mm/s
Max. Print Width	106 mm
Label Height Max (metric)	4,000 mm
Interfaces	USB 2.0, Ethernet 10/100 Base T, RS232
Supported Barcodes, Printer	Standard and 2D
Printer Memory	256 MB RAM
Dimensions W x H x D	253 mm x 189 mm x 322 mm
Weight	4 kg



Thermal Printer Ribbons for Heatshrink and Tiptags

Printer Ribbons

The thermal transfer print technology is based on heating up certain dots in the print head. This transfers the ink very precisely from the ribbon onto the surface of the printed material. All HellermannTyton ribbons consist of a special resin composition to maximise print performance. In combination with HellermannTyton printers the ribbons ensure the highest of print quality on all HellermannTyton thermal printable identification materials.



Features and Benefits

- Thermal transfer ribbons for high quality print results on heat shrink tubing and Tiptag identification tags
- Ribbons are specifically designed to maximize print performance for the recommended material



TYPE	Pack Cont.	Article-No.
TT431	1 pc.	556-00400

All dimensions in mm. Subject to technical changes.

TYPE	Recommended Material	Colour	Width (W)	Reel Length	Article-No.
TTDTHOUT-40MM	TCGT/TULT(DS)/TLFX(DS)/TDRT(DS)/TLFD DS/TIPTAG	Black (BK)	40.0	300 m	556-00139
TTDTHOUT-60MM	TCGT/TULT(DS)/TLFX(DS)/TDRT(DS)/TLFD DS/TIPTAG	Black (BK)	60.0	300 m	556-00140
TTDTHOUT-100MM	TCGT/TULT(DS)/TLFX(DS)/TDRT(DS)/TLFD DS/TIPTAG	Black (BK)	100.0	300 m	556-00141
TTRHTBK-70MM	THTT/THTT DS/TAGHT	Black (BK)	70.0	300 m	556-00204
TT287-100MM	TAGPU	Black (BK)	100.0	300 m	556-00245
TT287-110M	TAGPU	White (WH)	100.0	300 m	556-00246

All dimensions in mm. Subject to technical changes.

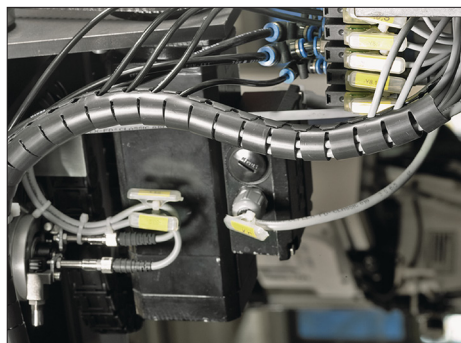
TYPE	Description	Article-No.
S430 Cutter	Cutter for TT430/TT431	556-00452
P430 Perforator	Perforator for TT430/TT431	556-00456
TT External Reel Holder	External Reel Holder	556-00451
TT430/TT431 300dpi Printhead	Printhead for TT430/TT431	556-00453
TT430/TT431 Print Roller	Print Roller for TT430/TT431	556-00454

Subject to technical changes.

Helawrap Cable Cover

HWPP for industrial applications

Helawrap is used to bundle and protect cables and wires in the electrical industry, panel building, machine building and many other industrial applications. Helawrap is the time-saving solution for industrial applications.



MATERIAL	Polypropylene (PP)
Operating Temperature	-60°C to +110°C, intermittent +140°C
Flammability	UL 94 HB

Features and Benefits

- Ideal solution for bundling, protecting and fixing cables
- Quick and effortless to apply
- Good abrasion protection
- Special profile enables branching off cable at any point
- Can be removed and reapplied often
- Available in several colours and sizes
- Handy HAT applicator tool included



TYPE	Bundle Ø max.	Colour	Reel Length	Application Tool	Article-No.
HWPP8	9	Black (BK)	25 m	HAT8	161-64101
	9	Grey (GY)	25 m	HAT8	161-64102
	9	Silver (SR)	25 m	HAT8	161-64103
	9	White (WH)	25 m	HAT8	161-64104
HWPP16	16	Black (BK)	25 m	HAT16	161-64201
	16	Grey (GY)	25 m	HAT16	161-64202
	16	Silver (SR)	25 m	HAT16	161-64203
	16	White (WH)	25 m	HAT16	161-64207
HWPP20	21	Black (BK)	25 m	HAT20	161-64301
	21	Grey (GY)	25 m	HAT20	161-64302
	21	Silver (SR)	25 m	HAT20	161-64303
	21	White (WH)	25 m	HAT20	161-64304
HWPP25	27	Black (BK)	25 m	HAT25	161-64401
	27	Grey (GY)	25 m	HAT25	161-64402
	27	Silver (SR)	25 m	HAT25	161-64403
	27	White (WH)	25 m	HAT25	161-64407
HWPP30	32	Black (BK)	25 m	HAT30	161-64501
	32	Grey (GY)	25 m	HAT30	161-64502
	32	Silver (SR)	25 m	HAT30	161-64503
	32	White (WH)	25 m	HAT30	161-64504
HWPP40	42	Black (BK)	15 m	HAT40	161-64601

PE General Purpose Spiral Binding

SBPE

SBPE spiral binding is suitable for standard electrical applications and panel building and plant engineering. Sizes 4 and 9 are also available in practical 5 metre lengths.



MATERIAL	Polyethylene (PE)
Operating Temperature	-60°C to +80°C, intermittent +120°C
Flammability	UL 94 HB

Features and Benefits

- Organises and protects cables and hoses
- Suitable for retro-fitting
- Cables branch out at any point
- Wide range of diameters and colours



TYPE	Nominal Ø	Wall (WT)	Pitch (P)	Bundle Ø min.	Bundle Ø max.	Colour	Reel Length	Article-No.
SBPE1.5	1.5	0.8	6.0	1.6	8	Black (BK)	30 m	161-41001
	1.5	0.8	6.0	1.6	8	Grey (GY)	30 m	161-41002
	1.5	0.8	6.0	1.6	8	Natural (NA)	30 m	161-41000
SBPE4	4	1.0	7.8	5	20	Black (BK)	30 m	161-41101
	4	1.0	7.8	5	20	Grey (GY)	30 m	161-41102
	4	1.0	7.8	5	20	Natural (NA)	30 m	161-41100
SBPE6	6	0.8	10.0	7.5	40	Black (BK)	30 m	161-41151
	6	0.8	10.0	7.5	40	Grey (GY)	30 m	161-41154
	6	0.8	10.0	7.5	40	Natural (NA)	30 m	161-41150
SBPE9	9	1.4	12.5	10	100	Black (BK)	30 m	161-41201
	9	1.4	12.5	10	100	Grey (GY)	30 m	161-41202
	9	1.4	12.5	10	100	Natural (NA)	30 m	161-41200
SBPE16	16	1.6	16.0	20	150	Black (BK)	30 m	161-41301
	16	1.6	16.0	20	150	Grey (GY)	30 m	161-41302
	16	1.6	16.0	20	150	Natural (NA)	30 m	161-41300
SBPE4D	4	1.0	7.8	5	20	Black (BK)	5 m	161-41104
	4	1.0	7.8	5	20	Grey (GY)	5 m	161-41105
	4	1.0	7.8	5	20	Natural (NA)	5 m	161-41103
SBPE6D	6	0.8	10.0	7.5	40	Black (BK)	5 m	161-41153
	6	0.8	10.0	7.5	40	Grey (GY)	5 m	161-41155
	6	0.8	10.0	7.5	40	Natural (NA)	5 m	161-41152
SBPE9D	9	1.4	12.5	10	100	Black (BK)	5 m	161-41204
	9	1.4	12.5	10	100	Grey (GY)	5 m	161-41205
	9	1.4	12.5	10	100	Natural (NA)	5 m	161-41203

PE Flame-retardant Spiral Binding

SBPEFR

The flame-retardant properties of SBPEFR make it suitable for applications in the automobile and electrical industries, where enhanced fire protection is needed.

Features and Benefits

- Organises and protects cables and hoses
- Self-extinguishing according to UL94 V2
- Suitable for retro-fitting
- Cables branch out at any point
- Wide range of diameters and colours



MATERIAL	Polyethylene, flame retardant (PE-FR)
Operating Temperature	-60°C to +110°C, intermittent +120°C
Flammability	UL 94 V2, FMVSS 302, Type B



TYPE	Nominal Ø	Wall (WT)	Pitch (P)	Bundle Ø min.	Bundle Ø max.	Colour	Reel Length	Article-No.
SBPEFR1.5	1.5	0.8	6.0	1.6	8	Black (BK)	30 m	161-43001
	1.5	0.8	6.0	1.6	8	White (WH)	30 m	161-43000
SBPEFR4	4	1.0	7.8	5	20	Black (BK)	30 m	161-43101
	4	1.0	7.8	5	20	White (WH)	30 m	161-43100
SBPEFR6	6.0	0.8	10.0	7.5	40.0	Black (BK)	30 m	161-43151
	6.0	0.8	10.0	7.5	40.0	White (WH)	30 m	161-43150
SBPEFR9	9	1.4	12.5	10	100	Black (BK)	30 m	161-43201
	9	1.4	12.5	10	100	White (WH)	30 m	161-43200
SBPEFR16	16	1.6	16.0	20	150	Black (BK)	30 m	161-43301
	16	1.6	16.0	20	150	White (WH)	30 m	161-43300

Standard Polyester Braided Sleeving

Helagaine HEGP

Helagaine HEGP braided sleeving provides abrasion protection in the automotive industry, in machine building, in panel building and in electrical appliances.

Features and Benefits

- Made of sturdy polyester
- Highly flexible
- High abrasion resistance
- Very high surface coverage



MATERIAL	Polyester (PET)
Operating Temperature	-50 °C to +150 °C
Melting Point	+250 °C
Flammability	UL 94 V2, FMVSS 302



TYPE	Bundle Ø min.	Bundle Ø max.	Colour	Reel Length	Tools	Article-No.
HEGP03	1	5	Black (BK)	200 m	45	170-10300
HEGP04	2	7	Black (BK)	200 m	45	170-10400
HEGP05	3	9	Black (BK)	200 m	45	170-10500
HEGP06	4	11	Black (BK)	100 m	45	170-10600
HEGP08	5	12	Black (BK)	100 m	45	170-10800
HEGP10	7	15	Black (BK)	100 m	45	170-11000
HEGP12	8	17	Black (BK)	100 m	45	170-11200
HEGP15	10	20	Black (BK)	100 m	45	170-11500
HEGP20	14	26	Black (BK)	50 m	45	170-12000
HEGP25	18	34	Black (BK)	50 m	45	170-12500
HEGP30	20	40	Black (BK)	50 m	45	170-13000
HEGP40	30	50	Black (BK)	50 m	45	170-14000
HEGP50	40	66	Black (BK)	50 m	45	170-15000

All dimensions in mm. Subject to technical changes.
Colour grey available on request. Cuts in any lengths. Minimum Order Quantity (MOQ) may differ from package content.

Recommended Tools
45
HSG0

For detailed information on Application Tooling please refer to our Main Catalogue or the Internet.

Rigid PVC wiring ducts

HelaDuct HTWD-PD (DIN-sizes)

HelaDuct HTWD-PD wiring ducts are used to route and protect wires in control panels and switching systems.

Features and Benefits

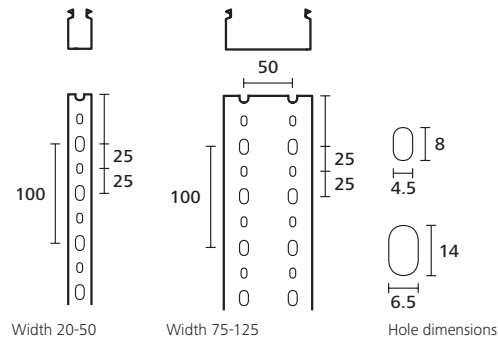
- Narrow slots suitable for small-diameter wires
- Smooth, burr-free edges protect installers from injury and wires from damage
- Fingers can be removed with no sharp edges at pre-notched snap-off points
- Further pre-notched snap-off point at base of sidewall allow cutting out and removing sections of sidewall with no sharp edges
- Duct covers are easy to mount and remove, yet hold securely even in a vertical position and under vibration
- Cover is flush with side of duct, allowing for tight, contiguous placement of ducts
- Base perforation according to DIN EN 50085



MATERIAL	Polyvinylchloride (PVC)
Colour	Grey (GY)
Length (L)	2 m
Operating Temperature	-5°C to +60°C
Flammability	UL 94 V0

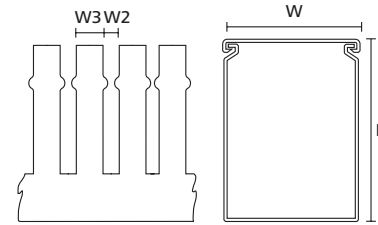


Nominal Dimensions HTWD-PD DIN



Rigid PVC Wiring Ducts

HelaDuct HTWD-PD (DIN-sizes)



Wiring duct HTWD-PD

TYPE	Width (W)	Height (H)	Width (W2)	Width (W3)	Pack Cont.	Article-No.
HTWD-PD-20X20	20	20	4	6	64 m	185-42020
HTWD-PD-20X37.5	20	37.5	4	6	32 m	185-42037
HTWD-PD-20X50	20	50	4	6	20 m	185-42050
HTWD-PD-25X25	25	25	5	7.5	48 m	185-42525
HTWD-PD-25X50	25	50	5	7.5	18 m	185-42550
HTWD-PD-25X75	25	75	5	7.5	32 m	185-42575
HTWD-PD-37.5X25	37.5	25	5	7.5	64 m	185-43725
HTWD-PD-37.5X37.5	37.5	37.5	5	7.5	32 m	185-43737
HTWD-PD-37.5X50	37.5	50	5	7.5	40 m	185-43750
HTWD-PD-37.5X75	37.5	75	5	7.5	40 m	185-43775
HTWD-PD-50X50	50	50	5	7.5	48 m	185-45050
HTWD-PD-50X75	50	75	5	7.5	20 m	185-45075
HTWD-PD-50X100	50	100	5	7.5	24 m	185-45010
HTWD-PD-75X50	75	50	5	7.5	20 m	185-47550
HTWD-PD-75X75	75	75	5	7.5	16 m	185-47575
HTWD-PD-75X100	75	100	5	7.5	16 m	185-47510
HTWD-PD-100X50	100	50	5	7.5	24 m	185-41050
HTWD-PD-100X75	100	75	5	7.5	16 m	185-41075
HTWD-PD-100X100	100	100	5	7.5	8 m	185-41010
HTWD-PD-125X50	125	50	5	7.5	18 m	185-41250
HTWD-PD-125X75	125	75	5	7.5	12 m	185-41275

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.

Halogen-free Wiring Ducts

HelaDuct HTWD-HF (metric sizes)

HelaDuct HTWD-HF wiring ducts are used to route and protect wires in control panels and switching systems where there are high demands on personal or material safety in case of fire, such as in public transport, tunnels, data-processing centers or public buildings.

Features and Benefits

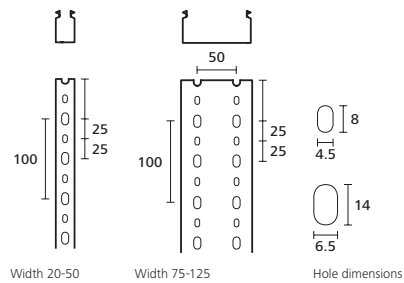
- Excellent fire-safety characteristics according to UL94 und EN 45545-2
- Narrow slots suitable for small-diameter wires
- Smooth, burr-free edges protect installers from injury and wires from damage
- Fingers can be removed with no sharp edges at pre-notched snap-off points
- Further pre-notched snap-off point at base of sidewall allow cutting out and removing sections of sidewall with no sharp edges
- Duct covers hold securely even in a vertical position and under vibration
- Cover is flush with side of duct, allowing for tight, contiguous placement of duct
- Base perforation according to DIN EN 50085



MATERIAL	Acrylonitrile Butadiene Styrene alloyed with Polycarbonate (PC/ABS)
Colour	Grey (GY)
Length (L)	2 m
Operating Temperature	-25°C to +90°C
Flammability	UL 94 V0

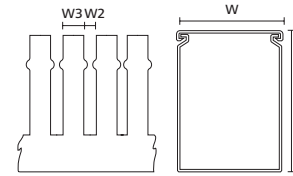


Nominal Dimensions HTWD-PD DIN



Rigid PVC Wiring Ducts

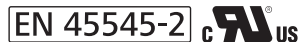
HelaDuct HTWD-HF (DIN-sizes)



Wiring duct HTWD-PD

TYPE	Width (W)	Height (H)	Width (W2)	Width (W3)	Pack Cont.	Article-No.
HTWD-HF-25X25	25.0	25.0	6	6.5	50.0 m	183-22525
HTWD-HF-25X40	25.0	40.0	6	6.5	48.0 m	183-22540
HTWD-HF-25X60	25.0	60.0	6	6.5	60.0 m	183-25060
HTWD-HF-25X80	25.0	80.0	6	6.5	20.0 m	183-22580
HTWD-HF-40X25	40.0	25.0	6	6.5	48.0 m	183-24025
HTWD-HF-40X40	40.0	40.0	6	6.5	50.0 m	183-24040
HTWD-HF-40X60	40.0	60.0	6	6.5	40.0 m	183-24060
HTWD-HF-40X80	40.0	80.0	6	6.5	20.0 m	183-24080
HTWD-HF-60X40	60.0	40.0	6	6.5	40.0 m	183-26040
HTWD-HF-60X60	60.0	60.0	6	6.5	24.0 m	183-26060
HTWD-HF-60X80	60.0	80.0	6	6.5	20.0 m	183-26080
HTWD-HF-60X100	60.0	100.0	6	6.5	12.0 m	183-26010
HTWD-HF-80X40	80.0	40.0	6	6.5	20.0 m	183-28040
HTWD-HF-80X60	80.0	60.0	6	6.5	20.0 m	183-28060
HTWD-HF-80X80	80.0	80.0	6	6.5	12.0 m	183-28080
HTWD-HF-80X100	80.0	100.0	6	6.5	10.0 m	183-28010
HTWD-HF-100X40	100.0	40.0	6	6.5	20.0 m	183-22040
HTWD-HF-100X60	100.0	60.0	6	6.5	16.0 m	183-21060
HTWD-HF-100X80	100.0	80.0	6	6.5	12.0 m	183-21080
HTWD-HF-100X100	100.0	100.0	6	6.5	8.0 m	183-21010
HTWD-HF-120X60	120.0	60.0	6	6.5	12.0 m	183-21260
HTWD-HF-120X80	120.0	80.0	6	6.5	16.0 m	183-21280

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.



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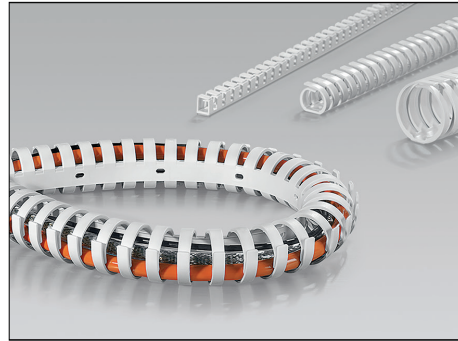
Flexible Cable Support

HelaDuct Flex screwable

HelaDuct flexible cable supports are commonly used in switching cabinets. They are also used in the furniture industry, where cables need to be routed rapidly and efficiently.

Features and Benefits

- Space-saving wiring system
- Highly flexible, can be installed at angles of 90° and higher
- Cable clearly open to view
- Rapid mounting with screws or adhesive strip with high-quality foam bonding layer



MATERIAL	Polypropylene (PP)
Operating Temperature	-20 °C to +70 °C, (+80 °C, 200 h)
Flammability	UL 94 V0 (excluding adhesive)



TYPE	Nominal Ø	Fixation Method	No. of Wires		Colour	Length (L)	Pack Cont.	Article-No.
HelaDuct Flex10	10	Screw Mounting	6 x 1,50 mm ²	4 x 2,50 mm ²	White (WH)	500	100 pcs.	164-11008
HelaDuct Flex20	20	Screw Mounting	22 x 1,50 mm ²	14 x 2,50 mm ²	White (WH)	500	70 pcs.	164-21008
HelaDuct Flex30	30	Screw Mounting	50 x 1,50 mm ²	34 x 2,50 mm ²	White (WH)	500	40 pcs.	164-31008
HelaDuct Flex40	40	Screw Mounting	81 x 2,50 mm ²	60 x 2,50 mm ²	White (WH)	500	24 pcs.	164-41008

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.

HelaDuct Flex screwable

MATERIAL	Polypropylene (PP)
Operating Temperature	-20 °C to +70 °C, (+80 °C, 200 h)
Adhesive	Synthetic rubber with base of polyethylene foam
Flammability	UL 94 V0 (excluding adhesive)



TYPE	Nominal Ø	Fixation Method	No. of Wires		Colour	Length (L)	Article-No.
HelaDuct Flex10SK	10	Screw Mounting and Adhesive	6 x 1,50 mm ²	4 x 2,50 mm ²	White (WH)	500	164-11108
HelaDuct Flex20SK	20	Screw Mounting and Adhesive	22 x 1,50 mm ²	14 x 2,50 mm ²	White (WH)	500	164-21108
HelaDuct Flex30SK	30	Screw Mounting and Adhesive	50 x 1,50 mm ²	34 x 2,50 mm ²	White (WH)	500	164-31108
HelaDuct Flex40SK	40	Screw Mounting and Adhesive	81 x 2,50 mm ²	60 x 2,50 mm ²	White (WH)	500	164-41108

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.

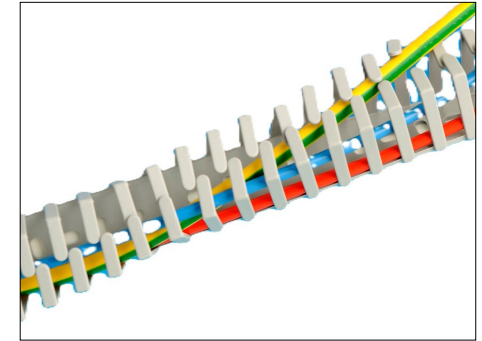
Flexible Trunking

Kanalflex

A flexible routing system made from grey polypropylene (RAL7040). The upper 'tongues' of the section are inclined downward to facilitate easy insertion of cables.

Features and Benefits

- Supplied with adhesive strip and pre-drilled holes for additional screw fixing if required
- Supplied in lengths of 500mm in packs of 10 lengths



TYPE	Dimensions mm	Pack Cont.	Article-No.
BK1313A	12,5 x 12,5	10 x 0,5m	181-00029
BK1616A	16 x 16	10 x 0,5m	181-00030
BK2020A	20 x 20	10 x 0,5m	181-00031
BK2525A	25 x 25	10 x 0,5m	181-00032
BK3030A	30 x 30	10 x 0,5m	181-00033
BK4040A	40 x 40	10 x 0,5m	181-00034
BK5050A	50 x 50	10 x 0,5m	181-00035

Edge Protection for Cut-out Sections

Flexiform G51P PE grommet strip

Flexiform edge protection is used to protect cables and wires routed through sharp-edged cut-out sections.

Features and Benefits

- Very flexible
- Easily and securely applied without adhesives
- Provides effective, orderly-looking protection
- Flexiform G51P made of polyethylene offers general purpose edge protection
- Flexiform G51N made of PA6 offers very good abrasion resistance
- Flexiform G51T made of PTFE offers excellent resistance to high temperatures and most chemicals



MATERIAL	Polyethylene (PE)
Operating Temperature	-30°C to +80°C
Flammability	UL 94HB



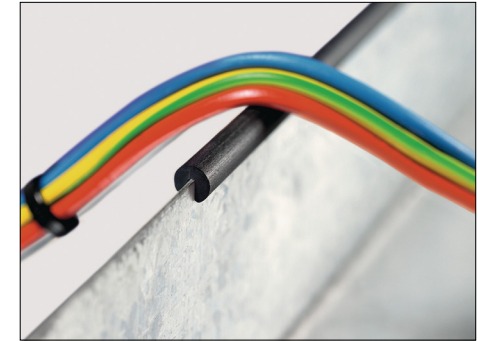
Beading Edge Protection

EdgeGuard

PVC Beading strip is used to protect cables routed through sharp-edged cutout sections. It can also be used to provide an attractive finish to panel edges.

Features and Benefits

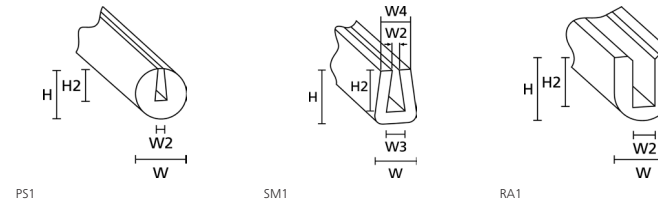
- Very flexible
- Easy to apply
- Protects cables from chafing on bulkheads



MATERIAL	Polyvinylchloride (PVC)
Operating Temperature	-65 °C to +105 °C, intermittent +135 °C
Flammability	UL 94 HB



TYPE	Panel Thickness	Width (W)	Width (W2)	Height (H)	Height (H2)	Material	Colour	Pack Cont.	Article-No.
G51PAA	0.4 - 0.9	2.3	0.9	2.7	1.8	PE	Natural (NA)	25 m	251-10009
G51PA	0.4 - 1.3	3.9	1.5	4.3	2.7	PE	Natural (NA)	25 m	251-10109
G51PB	1.3 - 2.1	4.6	2.4	4.3	2.7	PE	Natural (NA)	25 m	251-10209
G51PC	2.1 - 3.3	5.7	3.5	4.3	2.7	PE	Natural (NA)	25 m	251-10309
G51PD	3.3 - 4.8	8.4	5.1	6.2	4.3	PE	Natural (NA)	25 m	251-10409
G51PE	4.8 - 6.5	9.9	6.7	6.4	4.5	PE	Natural (NA)	25 m	251-10509
G51PF	6.5 - 8.1	11.4	8.3	6.8	4.8	PE	Natural (NA)	25 m	251-10609
G51PG	8.1 - 9.7	13.2	10.1	6.8	4.8	PE	Natural (NA)	25 m	251-10709
G51PH	9.7 - 12.9	16.4	13.2	6.8	4.8	PE	Natural (NA)	25 m	251-10809



TYPE	Width (W)	Width (W2)	Width (W3)	Width (W4)	Height (H)	Height (H2)	Colour	Pack Cont.	Article-No.
P51	1.2	0.6	-	-	5.0	3.2	Black (BK)	75 m	800-00200
SM1	5.0	1.0	1.8	4.2	6.3	4.9	Black (BK)	75 m	800-00004
RA1	6.4	2.4	-	-	7.1	5.6	Black (BK)	75 m	800-00001

Heat Shrinkable Tubing 3:1 in blister bags

HIS-3 BAG

HIS-3 BAG tubings are useable for insulation and protection of cables and harnesses.

Features and Benefits

- Thin wall and flexible tubing made of cross-linked Polyolefin
- High shrink ratio 3:1
- Handy, small packaging with 10 pre-cut pieces of 200 mm
- Fits highly variable cable diameters



MATERIAL	Polyolefin, cross-linked (PO-X)
Shrink Ratio	3:1
Operating Temperature	-55 °C to +135 °C
Min. Shrink Temperature	+100 °C
Longitudinal Change After Shrinkage	+/-5%
Dielectric Strength	32 kV/mm
Flammability	self-extinguishing (except transparent), UL 224 VW-1 (except transparent)



Heat Shrinkable Tubing 3:1



TYPE	Supplied Ø D min.	Recov. Ø d max.	Wall (WT)	Length (L)	Pack Cont.	Colour	Tools	Article-No.
HIS-3-BAG-1.5/0.5	1.6	0.5	0.45	200.0	10 pcs.	Black (BK)	30	308-30151
	1.6	0.5	0.45	200.0	10 pcs.	Blue (BU)	30	308-30161
	1.6	0.5	0.45	200.0	10 pcs.	Brown (BN)	30	308-30163
	1.6	0.5	0.45	200.0	10 pcs.	Green-Yellow (GNYE)	30	308-30165
	1.6	0.5	0.45	200.0	10 pcs.	Grey (GY)	30	308-30162
	1.6	0.5	0.45	200.0	10 pcs.	Red (RD)	30	308-30160
	1.6	0.5	0.45	200.0	10 pcs.	Transparent (CL)	30	308-30164
HIS-3-BAG-3/1	3.2	1.0	0.55	200.0	10 pcs.	Black (BK)	30	308-30310
	3.2	1.0	0.55	200.0	10 pcs.	Blue (BU)	30	308-30312
	3.2	1.0	0.55	200.0	10 pcs.	Brown (BN)	30	308-30314
	3.2	1.0	0.55	200.0	10 pcs.	Green-Yellow (GNYE)	30	308-30316
	3.2	1.0	0.55	200.0	10 pcs.	Grey (GY)	30	308-30313
	3.2	1.0	0.55	200.0	10 pcs.	Red (RD)	30	308-30311
	3.2	1.0	0.55	200.0	10 pcs.	Transparent (CL)	30	308-30315



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Heat Shrinkable Tubing 3:1 in blister bags

HIS-3 BAG



Heat Shrinkable Tubing 3:1

TYPE	Supplied Ø D min.	Recov. Ø d max.	Wall (WT)	Length (L)	Pack Cont.	Colour	Tools	Article-No.
HIS-3-BAG-6/2	6.4	2.0	0.65	200.0	10 pcs.	Black (BK)	30	308-30610
	6.4	2.0	0.65	200.0	10 pcs.	Blue (BU)	30	308-30612
	6.4	2.0	0.65	200.0	10 pcs.	Brown (BN)	30	308-30614
	6.4	2.0	0.65	200.0	10 pcs.	Grey (GY)	30	308-30613
	6.4	2.0	0.65	200.0	10 pcs.	Red (RD)	30	308-30611
	6.4	2.0	0.65	200.0	10 pcs.	Transparent (CL)	30	308-30615
	6.4	2.0	0.65	200.0	10 pcs.	Green-Yellow (GNYE)	30	308-30617
HIS-3-BAG-12/4	12.7	4.0	0.80	200.0	10 pcs.	Black (BK)	30	308-31210
	12.7	4.0	0.80	200.0	10 pcs.	Blue (BU)	30	308-31212
	12.7	4.0	0.80	200.0	10 pcs.	Brown (BN)	30	308-31214
	12.7	4.0	0.80	200.0	10 pcs.	Grey (GY)	30	308-31213
	12.7	4.0	0.80	200.0	10 pcs.	Red (RD)	30	308-31211
	12.7	4.0	0.80	200.0	10 pcs.	Transparent (CL)	30	308-31215
	12.7	4.0	0.80	200.0	10 pcs.	Green-Yellow (GNYE)	30	308-31217



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Sleeving

HIS-3 BAG

A 3:1 shrink ratio in handy 250mm lengths allows for both individual and large bundled wires to be sleeved quickly and easily.

Features and Benefits

- Comes in 5 colours: black, brown, grey, blue, green/yellow
- 3 sizes from 6mm to 40mm
- Ideal to carry in a toolbox
- General purpose electrical installation
- Colour identification
- Protection against mechanical abrasion and corrosion
- Operating temperature -55°C to +135°C



TYPE	Supplied ID mm	Recovered ID mm	Wall (WT) mm	Colour	Pack Cont.	Article-No.
HIS-3-BAG-6/2MX	6	2	0.65	BK, BN, GY, BE, GNYE	15 x 250mm	308-30616
HIS-3-BAG-12/4MX	12.4	4	0.80	BK, BN, GY, BE, GNYE	15 x 250mm	308-31216
HIS-3-BAG-40/13MX	40	13	0.80	BK, BN, GY, BE, GNYE	10 x 250mm	308-34010

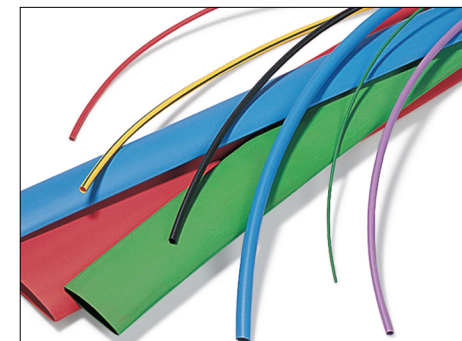
Heat Shrinkable Tubing 2:1 - flexible and coloured

TF21

Due to its versatility TF21 is suitable for a wide range of applications like electrical insulations, mechanical protection and marking.

Features and Benefits

- Thin wall, flexible polyolefin tubing
- Fast shrinking and low shrink temperature
- Meets and exceeds a range of industrial standards
- Big variety of different colours and sizes
- Flame retarded and UL224 VW1 listed



MATERIAL	Polyolefin, cross-linked (PO-X)
Shrink Ratio	2:1
Operating Temperature	-55 °C to +135 °C
Min. Shrink Temperature	+90 °C
Longitudinal Change After Shrinkage	+/-5%
Dielectric Strength	≥30 kV/mm
Flammability	self-extinguishing, UL 224 VW-1



TYPE	Supplied Ø D min.	Recov. Ø d max.	Wall (WT)	Length (L)	Pack Cont.	Colour	Tools	Article-No.
TF21-1.2/0.6	1.2	3/64 "	0.6	0.41	100 m	Blue (BU)	30	309-20126
	1.2	3/64 "	0.6	0.41	100 m	Red (RD)	30	309-20122
	1.2	3/64 "	0.6	0.41	100 m	White (WH)	30	309-20129
	1.2	3/64 "	0.6	0.41	100 m	Yellow (YE)	30	309-20124
	1.2	3/64 "	0.6	0.41	300 m	Black (BK)	30	309-10120
TF21-1.6/0.8	1.6	1/16 "	0.8	0.43	100 m	Blue (BU)	30	309-20166
	1.6	1/16 "	0.8	0.43	100 m	Red (RD)	30	309-20162
	1.6	1/16 "	0.8	0.43	100 m	White (WH)	30	309-20169
	1.6	1/16 "	0.8	0.43	100 m	Yellow (YE)	30	309-20164
	1.6	1/16 "	0.8	0.43	300 m	Black (BK)	30	309-10160
TF21-2.4/1.2	2.4	3/32 "	1.2	0.51	100 m	Blue (BU)	30	309-20246
	2.4	3/32 "	1.2	0.51	100 m	Green-Yellow (GNYE)	30	309-40247
	2.4	3/32 "	1.2	0.51	100 m	Red (RD)	30	309-20242
	2.4	3/32 "	1.2	0.51	100 m	White (WH)	30	309-20249
	2.4	3/32 "	1.2	0.51	100 m	Yellow (YE)	30	309-20244
	2.4	3/32 "	1.2	0.51	300 m	Black (BK)	30	309-10240



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Heat Shrinkable Tubing 2:1 - flexible and coloured

TF21

TYPE	Supplied Ø D min.	Recov. Ø d max.	Wall (WT)	Length (L)	Pack Cont.	Colour	Tools	Article-No.
TF21-3.2/1.6	3.2	1/8 "	1.6	0.51	100 m	Blue (BU)	30	309-20326
	3.2	1/8 "	1.6	0.51	100 m	Green-Yellow (GNYE)	30	309-40327
	3.2	1/8 "	1.6	0.51	100 m	Red (RD)	30	309-20322
	3.2	1/8 "	1.6	0.51	100 m	White (WH)	30	309-20329
	3.2	1/8 "	1.6	0.51	100 m	Yellow (YE)	30	309-20324
	3.2	1/8 "	1.6	0.51	300 m	Black (BK)	30	309-10320
TF21-4.8/2.4	4.8	3/16 "	2.4	0.51	60 m	Blue (BU)	30	309-50486
	4.8	3/16 "	2.4	0.51	60 m	Green-Yellow (GNYE)	30	309-50487
	4.8	3/16 "	2.4	0.51	60 m	Red (RD)	30	309-50482
	4.8	3/16 "	2.4	0.51	60 m	White (WH)	30	309-50489
	4.8	3/16 "	2.4	0.51	60 m	Yellow (YE)	30	309-50484
	4.8	3/16 "	2.4	0.51	300 m	Black (BK)	30	309-10480
TF21-6.4/3.2	6.4	1/4 "	3.2	0.64	60 m	Blue (BU)	30	309-50646
	6.4	1/4 "	3.2	0.64	60 m	Green-Yellow (GNYE)	30	309-50647
	6.4	1/4 "	3.2	0.64	60 m	Red (RD)	30	309-50642
	6.4	1/4 "	3.2	0.64	60 m	White (WH)	30	309-50649
	6.4	1/4 "	3.2	0.64	60 m	Yellow (YE)	30	309-50644
	6.4	1/4 "	3.2	0.64	300 m	Black (BK)	30	309-10640
TF21-9.5/4.8	9.5	3/8 "	4.8	0.64	50 m	Blue (BU)	30	309-20956
	9.5	3/8 "	4.8	0.64	50 m	Green-Yellow (GNYE)	30	309-50957
	9.5	3/8 "	4.8	0.64	50 m	Red (RD)	30	309-20952
	9.5	3/8 "	4.8	0.64	50 m	White (WH)	30	309-20959
	9.5	3/8 "	4.8	0.64	50 m	Yellow (YE)	30	309-20954
	9.5	3/8 "	4.8	0.64	150 m	Black (BK)	30	309-10950
TF21-12.7/6.4	12.7	1/2 "	6.4	0.64	50 m	Blue (BU)	30	309-21276
	12.7	1/2 "	6.4	0.64	50 m	Green-Yellow (GNYE)	30	309-41277
	12.7	1/2 "	6.4	0.64	50 m	Red (RD)	30	309-21272
	12.7	1/2 "	6.4	0.64	50 m	White (WH)	30	309-21279
	12.7	1/2 "	6.4	0.64	50 m	Yellow (YE)	30	309-21274
	12.7	1/2 "	6.4	0.64	100 m	Black (BK)	30	309-11270
TF21-19.1/9.5	19.1	3/4 "	9.5	0.76	50 m	Black (BK)	30	309-11900
	19.1	3/4 "	9.5	0.76	50 m	Blue (BU)	30	309-11906
	19.1	3/4 "	9.5	0.76	50 m	Green-Yellow (GNYE)	30	309-11907
	19.1	3/4 "	9.5	0.76	50 m	Red (RD)	30	309-11902
	19.1	3/4 "	9.5	0.76	50 m	White (WH)	30	309-11909
		3/4 "	9.5	0.76	50 m	Yellow (YE)	30	309-11904



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Heat Shrinkable Tubing 2:1 - flexible and coloured

TF21

TYPE	Supplied Ø D min.	Recov. Ø d max.	Wall (WT)	Length (L)	Pack Cont.	Colour	Tools	Article-No.
TF21-25.4/12.7	25.4	1 "	12.7	0.89	50 m	Black (BK)	30	309-12540
	25.4	1 "	12.7	0.89	50 m	Blue (BU)	30	309-12546
	25.4	1 "	12.7	0.89	50 m	Green-Yellow (GNYE)	30	309-12547
	25.4	1 "	12.7	0.89	50 m	Red (RD)	30	309-12542
	25.4	1 "	12.7	0.89	50 m	White (WH)	30	309-12549
	25.4	1 "	12.7	0.89	50 m	Yellow (YE)	30	309-12544
TF21-38.0/19.0	38.1	1-1/2 "	19.1	1.02	60 m	Black (BK)	30	309-13810
	38.1	1-1/2 "	19.1	1.02	60 m	Blue (BU)	30	309-13816
	38.1	1-1/2 "	19.1	1.02	60 m	Green-Yellow (GNYE)	30	309-13817
	38.1	1-1/2 "	19.1	1.02	60 m	Red (RD)	30	309-13812
	38.1	1-1/2 "	19.1	1.02	60 m	White (WH)	30	309-13819
	38.1	1-1/2 "	19.1	1.02	60 m	Yellow (YE)	30	309-13814
TF21-50.8/25.4	50.8	2 "	25.4	1.14	60 m	Black (BK)	30	309-15080
	50.8	2 "	25.4	1.14	60 m	Blue (BU)	30	309-15086
	50.8	2 "	25.4	1.14	60 m	Green-Yellow (GNYE)	30	309-15087
	50.8	2 "	25.4	1.14	60 m	Red (RD)	30	309-15082
	50.8	2 "	25.4	1.14	60 m	White (WH)	30	309-15089
	50.8	2 "	25.4	1.14	60 m	Yellow (YE)	30	309-15084
TF21-76.0/38.0	76.2	3 "	38.1	1.27	30 m	Black (BK)	30	309-17600
	76.2	3 "	38.1	1.27	30 m	Blue (BU)	30	309-17606
	76.2	3 "	38.1	1.27	30 m	Red (RD)	30	309-17602
	76.2	3 "	38.1	1.27	30 m	White (WH)	30	309-17609
	76.2	3 "	38.1	1.27	30 m	Yellow (YE)	30	309-17604
TF21-101.6/50.8	101.6	4 "	50.8	1.40	15 m	Black (BK)	30	309-11020
	101.6	4 "	50.8	1.40	15 m	Blue (BU)	30	309-11026
	101.6	4 "	50.8	1.40	15 m	Red (RD)	30	309-11022
	101.6	4 "	50.8	1.40	15 m	White (WH)	30	309-11029
	101.6	4 "	50.8	1.40	15 m	Yellow (YE)	30	309-11024



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Rubber Tubing, Chloroprene

Helsyn H

The chloroprene tubings are ideally suited to rigorous environments such as automotive, aerospace, mass transit and defence markets.

As the material is highly elastic, it's original size can be expanded 500% on application and 200% in continuous use.

To save time and effort when fitting the tubing, try the HellermannTyton three prong tools and the Hellerine lubricant, which are specially designed for use with HellermannTyton chloroprene tubing.

Features and Benefits

- Highly elastic, easy to fit chloroprene tubing
- Withstands up to 120 °C intermittent temperature
- Covers many cable diameters with one size
- Available in cut lengths



MATERIAL	Chloroprene rubber (CR)
Operating Temperature	-65 °C to +95 °C, intermittent 120 °C
Flammability	UL 94 HB
Elongation at break	min. 500%



TYPE	Supplied Ø D min.	Wall (WT)	Bundle Ø max.	Reel Length	Pack Cont.	Colour	Tools	Article-No.
H12BKX100M	1.2	0.80	2.0	100 m	100 m	Black (BK)	35	608-01200
H15BKX100M	1.5	0.80	3.0	100 m	100 m	Black (BK)	35	608-01201
H25BKX100M	2.5	0.80	4.0	100 m	100 m	Black (BK)	36;39	608-01203
H30BKX100M	3.0	0.80	6.0	100 m	100 m	Black (BK)	36;39	608-01204
H40BKX100M	4.0	1.00	8.0	100 m	100 m	Black (BK)	36;39	608-01205
H50BKX100M	5.0	1.05	9.0	100 m	100 m	Black (BK)	36;39	608-01206
H75BKX25M	7.5	1.25	13.0	25 m	25 m	Black (BK)	37;39-40	608-01207

All dimensions in mm. Subject to technical changes.

Minimum Order Quantity (MOQ) may differ from package content. Other packaging options may also be available.

TYPE	Supplied Ø D min.	Wall (WT)	Bundle Ø max.	Reel Length	Pack Cont.	Colour	Tools	Article-No.
H12X20BK	1.2	0.80	2.0	20.0	1,000 pcs.	Black (BK)	35	600-02498
H15X20BK	1.5	0.80	3.0	20.0	1,000 pcs.	Black (BK)	35	600-02929
H25X25BK	2.5	0.80	4.0	25.0	1,000 pcs.	Black (BK)	36;39	600-02934
H30X25BK	3.0	0.80	6.0	25.0	1,000 pcs.	Black (BK)	36;39	600-02938
H40X30BK	4.0	1.00	8.0	30.0	500 pcs.	Black (BK)	36;39	600-02947
H50X25BK	5.0	1.05	9.0	25.0	500 pcs.	Black (BK)	36;39	600-02949
H75X30BK	7.5	1.25	13.0	30.0	250 pcs.	Black (BK)	37;39-40	600-02198

All dimensions in mm. Subject to technical changes.

Minimum Order Quantity (MOQ) may differ from package content. Other packaging options may also be available.

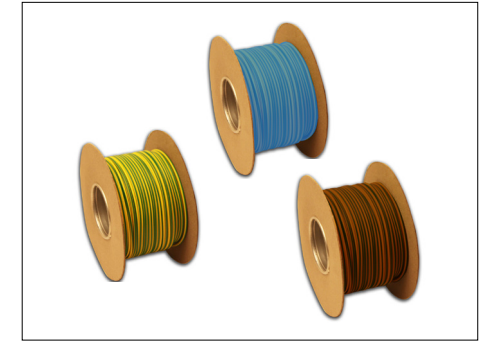
Sleeving

PVC Sleeving – On a drum

A commercial grade of PVC sleeving which can be used in many applications.

Features and Benefits

- Highly flexible insulation
- Can also be used for identification
- Minimum working temperature -30°C
- Maximum working temperature +85°C
- Specification: BS2848 Type 3, Class 85T
- Colours available: blue, brown, green/yellow
- Other sizes are available on request
- Supplied on a drum

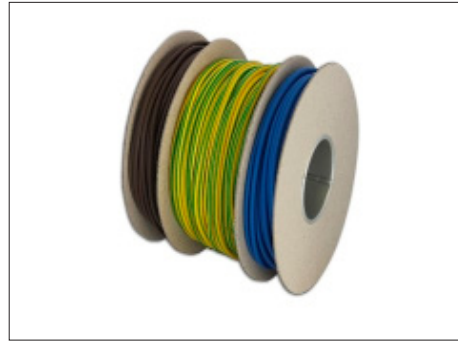


TYPE	ID mm	Wall Thickness mm	Colour	Pack Cont.	Article-No.
PVC20BERL	2.0	0.5	Blue	100m drum	172-02092
PVC20BNRL	2.0	0.5	Brown	100m drum	172-02091
PVC20GN-YWRL	2.0	0.5	Green-Yellow	100m drum	172-02088
PVC30BERL	3.0	0.5	Blue	100m drum	172-02094
PVC30BNRL	3.0	0.5	Brown	100m drum	172-02093
PVC30GN-YWRL	3.0	0.5	Green-Yellow	100m drum	172-02089
PVC40BERL	4.0	0.5	Blue	100m drum	172-02096
PVC40BNRL	4.0	0.5	Brown	100m drum	172-02095
PVC40GN-YWRL	4.0	0.5	Green-Yellow	100m drum	172-02090

Non Shrinkable Sleeving

Multi-reel Sleeving – On a drum

A one stop solution for users of PVC sleeving, who want all 3 colours on one handy reel, saves carrying around 3 separate reels of blue, brown and green and yellow.



Features and Benefits

- The PVC multi reel product gives users all 3 colours needed for the job in one handy reel
- High-grade PVC sleeve in accordance with BS-3858 Type 3, DEF STAN 59-15, IEC 684-3-101/104, UL 224
- Manufactured in Britain
- Maximum working temperature +85°C
- Highly flexible insulation
- Can also be used for identification

TYPE	ID mm	Wall Thickness mm	Colour	Pack Cont.	Article-No.
PVCMR20	2.0	0.5	Blue (20m), Brown (20m), GNYE (60m)	100m drum	172-02117
PVCMR30	3.0	0.5	Blue (20m), Brown (20m), GNYE (60m)	100m drum	172-02118
PVCMR40	4.0	0.5	Blue (10m), Brown (10m), GNYE (40m)	60m drum	172-02119

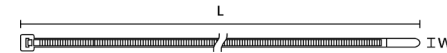
Cable Ties Polyamide 6.6 Standard

T-Series in PA66 natural and black


T-Series cable ties for bundling and securing of cables, pipes and hoses. These cable ties can be used for nearly all types of applications.

Features and Benefits

- Available in a wide range of materials and sizes
- High tensile strength with very low insertion force
- Only high quality plastic is used meeting recycling targets
- Inside serrated cable ties for a strong hold onto bundles
- Ergonomic bent tail offers quick and simple installation
- Easy application either manually or with an application tool



T-Series

TYPE	Width (W)	Length (L)	Bundle Ø max.		Material	Colour	Pack Cont.	Article-No.
T18R	2.5	100.0	22.0	80	PA66	Natural (NA)	100 pcs.	111-01919
	2.5	101.6	22.0	80	PA66	Black (BK)	100 pcs.	111-01910
T30R	3.5	150.0	35.0	135	PA66	Natural (NA)	100 pcs.	111-03219
	3.5	150.0	35.0	135	PA66	Black (BK)	100 pcs.	111-03011
T50R	4.6	200.0	50.0	225	PA66	Natural (NA)	100 pcs.	111-05013
	4.6	200.0	50.0	225	PA66	Black (BK)	100 pcs.	111-05000
T50I	4.6	300.0	85.0	225	PA66	Natural (NA)	100 pcs.	111-05219
	4.6	300.0	85.0	225	PA66	Black (BK)	100 pcs.	111-05210
T120R(E)	7.6	387.0	100.0	535	PA66	Black (BK)	100 pcs.	111-12010
	7.6	387.0	100.0	535	PA66	Natural (NA)	100 pcs.	111-12019

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content. Other packaging options may also be available.

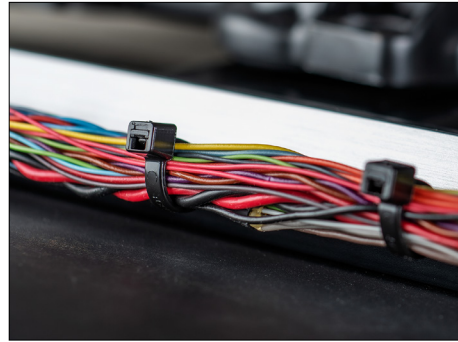
Sustainable Cable Ties

100% Post Industrial Recycled (PIR) Material

This sustainable range of cable ties are manufactured with 100% Post Industrial Recycled (PIR) material whilst still maintaining high performance specifications and material properties.

Features and Benefits

- T-Series cable ties manufactured from 100% Post Industrial Recycled (PIR) material.
- Inside serrated for a strong hold around the bundle.
- Heat stabilised, impact modified material.
- Manufactured from excess plastic left over from industrial manufacturing processes.
- Lower product carbon footprint compared with PA66 and PA66HS material.
- Helps companies meet their sustainability goals.



MATERIAL	Polyamide 6.6 recycled, high impact modified, heat stabilised PA66HIRHS(REC100)
Operating Temperature	-40 °C to +110 °C
Flammability	UL94 HB



Inside Serrated Cable Ties

TYPE	Width (W)	Length (L)	Bundle Ø max.	N	Material	Colour	Pack Cont.	Article-No.
T18R	2.5	100.0	22.0	80	PA66HIRHS(REC100)	Black (BK)	100	111-00000
T30R	3.5	150.0	35.0	135	PA66HIRHS(REC100)	Black (BK)	100	111-03083
T50R	4.6	200.0	50.0	225	PA66HIRHS(REC100)	Black (BK)	100	111-05020
T120R	7.6	387.0	100.0	535	PA66HIRHS(REC100)	Black (BK)	100	111-00447

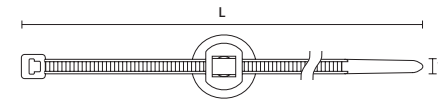
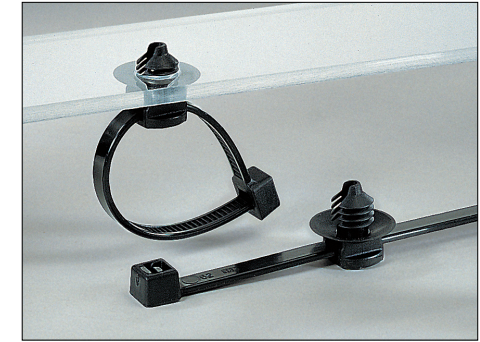
2-Piece Fixing Ties with Fir Tree, with Disc, for Round Holes

Fir Tree Parts FT5

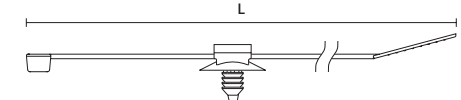
Primarily designed for fixing cable harnesses in the automotive industry their simplicity, and ease of use, has seen these parts used in everything from aircraft, to switch-gear, to washing machines.

Features and Benefits

- Pre-assembled 2-piece fixing tie with fir tree foot part
- Cable tie head can be moved after bundling
- Easy to assemble without the need for a tool
- Disc adjusts tie for pressure from various directions and minimises ingress of dust and dirt
- Fir tree foot part can be used for a variety of panel thicknesses
- Suitable for use within threaded holes



T30RFT5



T30RFT5

TYPE	Drawing	Hole Ø (FH)	Panel Thickness	Width (W)	Length (L)	Bundle Ø max.	N	Disc Ø	Material	Colour	Article-No.
T30RFT5		4,5 - 5,0	0,7 - 3,0	3,5	150,0	34,0	135	16,0	PA66HS, PA66HIRHS	BK	150-55850

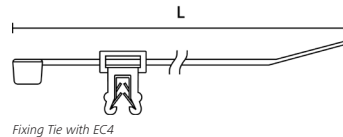
All dimensions in mm. Subject to technical changes.

2-piece Fixing Ties for Edges

These cable ties and EdgeClip assemblies are ideal for use where holes are not acceptable or where due to temperature problems adhesives will fail. These assemblies are widely used for fixing and bundling cables, pipes and hoses within the automotive industry, harness making, panel building and electrical industry.

Features and Benefits

- Pre-assembled 2-piece fixing tie with EdgeClip and cable tie
- A perfect complement within our T-Series range
- Cable tie head can be moved after bundling
- For edges of 1 – 3 mm



Fixing Tie with EC4

1.0 - 3.0 mm, top fixing

TYPE	Drawing	Width (W)	Length (L)	Bundle Ø max.	N	Material	Colour	Article-No.
T50REC4A		4.6	202.0	45.0	225	PA66HS, PA66HIRHS	Black (BK)	150-76091
T50REC4B		4.6	202.0	45.0	225	PA66HS, PA66HIRHS	Black (BK)	156-00009

All dimensions in mm. Subject to technical changes.

1.0 - 3.0 mm, side fixing

TYPE	Drawing	Width (W)	Length (L)	Bundle Ø max.	N	Material	Colour	Article-No.
T50REC5A		4.6	200.0	45.0	225	PA66W	Black (BK)	156-02580
T50REC5B		4.6	200.0	45.0	225	PA66HS, PA66HIRHS	Black (BK)	150-40582

All dimensions in mm. Subject to technical changes.

Magnetic Cable Tie Mounts

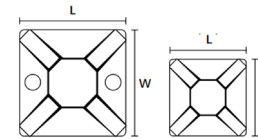
MAGMB-Series Cable Tie Mounts, Magnetic

A range of magnetic cable tie mounts ideal for use across a variety of applications and industries.

When used with HellermannTyton cable ties, MAGMB-Series mounts provide a convenient cable management solution for metal surfaces. These mounts are quick and easy to install and are ideal for hard-to-reach applications or where visibility is poor. They can also be adjusted effortlessly and are perfect for temporary applications where they can be reused time and time again.

Features and Benefits

- 13mm and 19mm square magnetic cable tie mounts.
- Suitable for cable ties up to a 4.3mm wide strap (T18, T18-OS, T30 and T30-OS).
- Flexible neodymium magnet with adhesive backing.
- Magnetic pull force: up to 400g per cm².
- Quick to install and easy to adjust once fitted (reusable).
- Ideal for use on steel surfaces where it is not possible to drill holes, on contaminated surfaces (oil, water, dirt) where standard adhesives may not hold, for temporary applications or for areas difficult to reach.



MAGMB3

MAGMB2

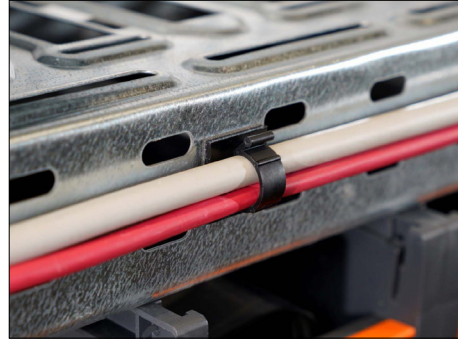
TYPE	Length (L)	Width (W)	Height (H)	Strap Width max.	Material	Colour	Adhesive	Article-No.
MAGMB2	13.0	13.0	4.1	2.7	PA66	Black (BK)	Acrylic with Neodymium Magnet	151-04461
MAGMB3	19.0	19.0	4.3	4.1	PA66	Black (BK)	Acrylic with Neodymium Magnet	151-04462

Magnetic Cable Clips

MAGRA-Series Cable Clips, Magnetic

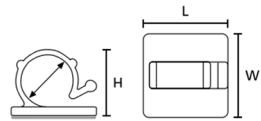
A range of magnetic cable clips ideal for use across a variety of applications and industries.

MAGRA-Series clips provide a convenient cable management solution for metal surfaces. Quick and easy to install, they are ideal for hard-to-reach applications or where visibility is poor. They can also be easily adjusted making them perfect for temporary applications where they can be reused time and time again.



Features and Benefits

- 13mm, 19mm and 25mm square magnetic cable clips.
- Suitable for bundle diameters ranging from 3mm to 13mm.
- Flexible neodymium magnet with adhesive backing.
- Magnetic pull force: up to 400g per cm².
- Quick to install and easy to adjust once fitted (reusable).
- Ideal for use on steel surfaces where it is not possible to drill holes, on contaminated surfaces (oil, water, dirt) where standard adhesives may not hold, for temporary applications or for areas difficult to reach.



MAGRA3 to MAGRA13

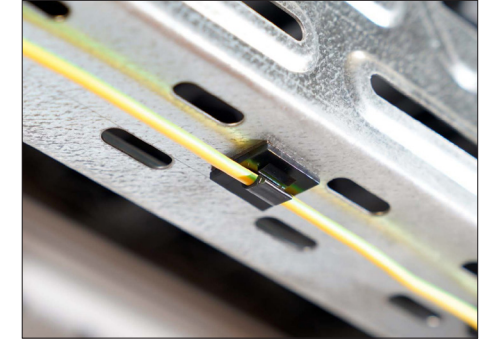
TYPE	Length (L)	Width (W)	Height (H)	Bundle ø Max	Material	Colour	Adhesive	Article-No
MAGRA3	13.0	13.0	5.0	3.0	PA66	Black (BK)	Acrylic with Neodymium Magnet	151-04466
MAGRA6	19.0	19.0	9.0	6.0	PA66	Black (BK)	Acrylic with Neodymium Magnet	151-04468
MAGRA9	19.0	19.0	12.5	9.0	PA66	Black (BK)	Acrylic with Neodymium Magnet	151-04467
MAGRA13	25.0	25.0	16.5	13.0	PA66	Black (BK)	Acrylic with Neodymium Magnet	151-04465

Magnetic Cable Clips

MAGR8-Series Cable Clips, Magnetic

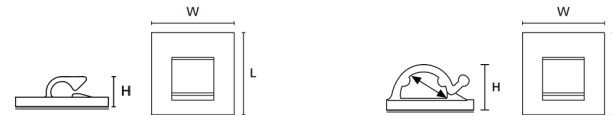
A range of magnetic cable clips ideal for use across a variety of applications and industries.

MAGR8-Series clips provide a convenient cable management solution for metal surfaces. Quick and easy to install, they are ideal for hard-to-reach applications or where visibility is poor. They can also be easily adjusted making them perfect for temporary applications where they can be reused time and time again.



Features and Benefits

- 19mm and 25mm square magnetic cable clips.
- Suitable for bundle diameters ranging from 6mm to 11.5mm.
- Flexible neodymium magnet with adhesive backing.
- Magnetic pull force: up to 400g per cm².
- Quick to install and easy to adjust once fitted (reusable).
- Ideal for use on steel surfaces where it is not possible to drill holes, on contaminated surfaces (oil, water, dirt) where standard adhesives may not hold, for temporary applications or for areas difficult to reach.



MAGR85

MAGR88

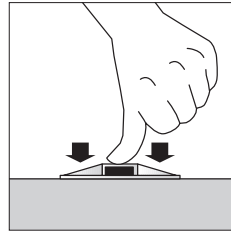
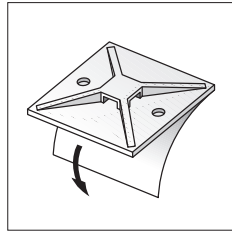
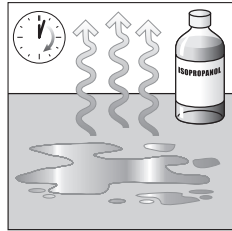
Type	Length (L)	Width (W)	Height (H)	Bundle ø Max	Material	Colour	Adhesive	Article-No
MAGR85	19.0	19.0	6.0	5.0	PA66	Black (BK)	Acrylic with Neodymium Magnet	151-04463
MAGR88	25.0	25.0	11.5	8.0	PA66	Black (BK)	Acrylic with Neodymium Magnet	151-04464

Information and Installation Instructions for Self-adhesive Mounting Bases

HellermannTyton uses different types of adhesives for self-adhesive bases: acrylate and synthetic rubber. These differ in the operating temperature range and the "pull off" force of the adhesive. Synthetic rubber has an excellent initial grip, allowing for almost immediate use.

Acrylate adhesive has less initial grip, so there might be a need to wait for a few hours before use (depending on the surface), but has a higher, "pull off" force than synthetic rubber. This enables a permanent fixing lasting months or even years.

Instructions for use

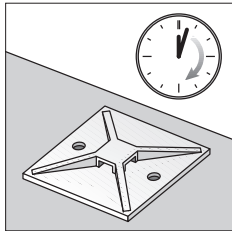


1. The surface must be dry, free from dust, oil, oxides, parting agents and other impurities. The surface to be glued should be cleaned using a clean cloth and isopropanol/ water (50/50). When using other appropriate cleaning agents, ensure that they do not attack the surface nor leave any residues. After cleaning allow the surface to air-dry completely.

2. Peel off protective backing and ensure the adhesive area is not touched.

3. Press down firmly on the base with the thumbs for several seconds.

i We will be happy to send you on request an up-to-date technical datasheet for whichever adhesive you are using.



4. Depending on the type of adhesive, wait for several minutes (synthetic rubber) or hours (acrylate) so that the adhesive can bond completely with the surface.

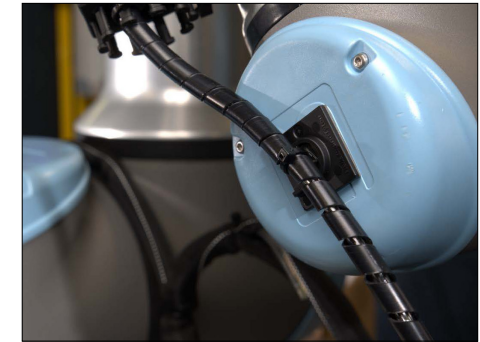
Swivel Mount SMB-Series

Adhesive Cable Tie Mount, 360° Rotation

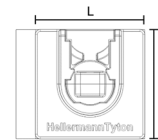
A high strength adhesive cable tie mount with a 360° swivel feature allowing cables to move and flex in application.

Features and Benefits

- 28mm and 28mm cable tie mount with 360° rotation.
- Self-aligning function for easy installation of cables.
- Compatible with HellermannTyton cable ties up to a 5.0mm wide strap (including T-Series and OS-Series ties).
- High strength synthetic rubber adhesive suitable for both high and low energy surfaces such as plastic, metal, glass, varnish, paint and powder coated finishes (very good initial adhesion).
- Ideal for moving parts and where cables need to flex in application – suitable for use within electrical cabinets and enclosures, along with applications within the robotics and automation industry.



MATERIAL	Polyamide 6.6, heat stabilised (PA66HS)
Adhesive	Acrylate with base of acrylic foam
Operating Temperature	-40 °C to +85 °C



SMB4APT-A

TYPE	Width (W)	Length (L)	Height (H)	Strap Width max.	Material	Colour	Adhesive	Pack Cont.	Article-No.
SMB4APT-A	28.0	28.0	8.4	5.0	PA66HS	Black (BK)	mod. Acrylate	100	151-03334

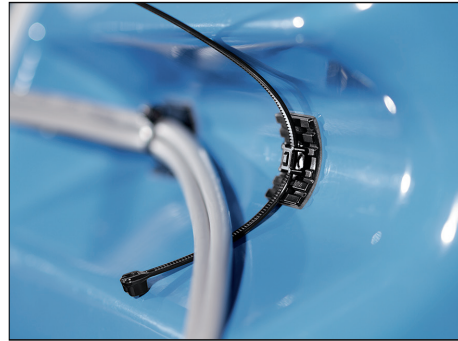
Cable Tie Mounts with High Performance Adhesive

FlexTack-Series FMB for round and angled surfaces

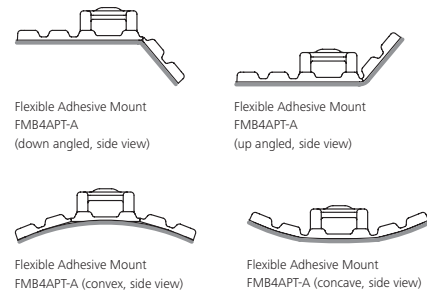
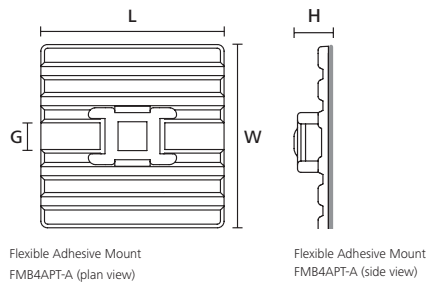
FlexTack cable tie mounts can be successfully applied to a variety of high and low-energy surfaces such as glass, metals (including painted, varnished or powder-coated surfaces) as well as plastics. FlexTack provides a reliable fixing solution where it is impractical to use screws or bolts. The unique design in combination with the special acrylate adhesive makes professional cable management easy.

Features and Benefits

- Flexible Mount for round and angled surfaces
- FMB mounts with homogeneous system of acrylic adhesive
- Allows greater design freedom and offers uniform stress distribution along with weight reduction
- Innovative fixing solution for high and low energy surfaces
- Protection foil with finger lift for easy peel off
- 4-way entry for cable tie for quicker and more flexible installation
- FlexTack Cable tie mounts are also suitable for high energy surfaces like metal or glass.



MATERIAL	Polyamide 6.6, heat stabilised (PA66HS)
Adhesive	Acrylate with base of acrylic foam
Operating Temperature	-40 °C to +85 °C
Flammability	UL94 V2 (excluding adhesive)



TYPE	Width (W)	Length (L)	Height (H)	Strap Width max. (G)	Material	Colour	Adhesive	Pack Cont.	Article-No.
FMB4APT-A	28.0	28.0	6.3	5.4	PA66HS	Black (BK)	mod. Acrylate	100 pcs.	151-02219
	28.0	28.0	6.3	5.4	PA66HS	White (WH)	mod. Acrylate	100 pcs.	151-02977

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content. Other packaging options may also be available.

Cable Tie Mounts with High Performance Adhesive

SolidTack-Series MB

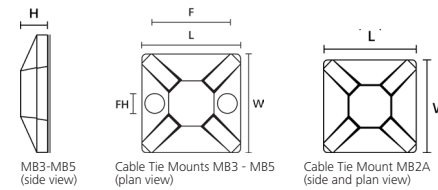
SolidTack MB Series mounts have a square design and are fairly common in areas like electrical cabinet, railway, aerospace, automotive and agriculture machinery. The premium self-adhesive bonds well on high and low-energy surfaces like plastics, metal, varnish or paint and is suitable for a wide range of applications.

Features and Benefits

- MB mounts with homogeneous system of acrylic adhesive
- Very good initial adhesion, increases with time
- Innovative fixing solution for high and low energy surfaces
- Protection foil with finger lift for easy peel off



MATERIAL	Polyamide 6.6 (PA66)
Adhesive	Acrylate with base of acrylic foam
Operating Temperature	-40 °C to +85 °C
Flammability	UL94 V2 (excluding adhesive)



TYPE	Width (W)	Length (L)	Height (H)	Hole Ø (FH)	Fixing Hole Centres (F)	Strap Width max. (G)	Material	Colour	Adhesive	Pack Cont.	Article-No.
MB2APT-A	13.0	13.0	4.1	-	-	2.7	PA66	Black (BK)	mod. Acrylate	100 pcs.	151-02243
MB3APT-A	19.0	19.0	3.8	3.1	13.2	4.4	PA66	Black (BK)	mod. Acrylate	100 pcs.	151-02244
	19.0	19.0	3.8	3.1	13.2	4.4	PA66	White (WH)	mod. Acrylate	100 pcs.	151-02978
MB4APT-A	28.0	28.0	4.7	4.0	20.2	5.6	PA66	Black (BK)	mod. Acrylate	100 pcs.	151-02245
MB5APT-A	38.0	38.0	6.4	4.7	25.3	10.0	PA66	Black (BK)	mod. Acrylate	100 pcs.	151-02247

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content. Other packaging options may also be available.

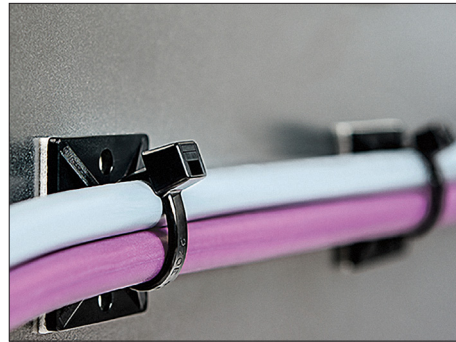
Cable Tie Mounts

MB-Series square design, self-adhesive

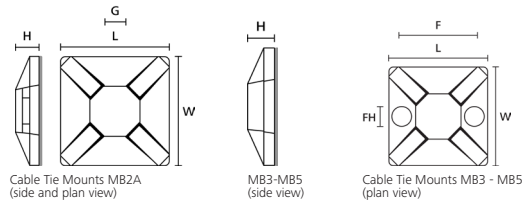
Where speed, simplicity and a firm fixing base are required these self adhesive clips are ideal. Particularly suitable for use in control cabinets, telecoms equipment or domestic appliances where the use of holes, screws, or nuts and bolts is impractical or undesirable.

Features and Benefits

- Simple to install
- Excellent security, particularly in areas of high vibration
- Maximum surface area with adhesive to achieve high pull-off force
- 4-way entry for cable tie for quicker and more flexible installation



MATERIAL	Polyamide 6.6 (PA66)	
Adhesive	Synthetic rubber with base of polyethylene foam	
Operating Temperature	-40 °C to +60 °C	-40 °C to +85 °C
Flammability	UL94 V2 (excluding adhesive)	



TYPE	Width (W)	Length (L)	Height (H)	Hole Ø (FH)	Strap Width max. (G)	Material	Colour	Adhesive	Pack Cont.	Article-No.
MB2A	13.0	13.0	4.1	-	2.7	PA66	Black (BK)	Synthetic rubber	50 pcs.	151-01800
	13.0	13.0	4.1	-	2.7	PA66	White (WH)	Synthetic rubber	100 pcs.	151-01802
MB3A	19.0	19.0	4.3	3.1	4.1	PA66	Black (BK)	Synthetic rubber	100 pcs.	151-28320
	19.0	19.0	4.3	3.1	4.1	PA66	White (WH)	Synthetic rubber	100 pcs.	151-28349
MB4A	28.0	28.0	4.7	4.0	5.4	PA66	Black (BK)	Synthetic rubber	100 pcs.	151-28412
	28.0	28.0	4.7	4.0	5.4	PA66	White (WH)	Synthetic rubber	100 pcs.	151-28469*
MB4CA	29.0	29.0	5.7	4.2	5.4	PA66	Natural (NA)	Synthetic rubber	100 pcs.	151-28459
MB4CAS	29.0	29.0	5.7	4.2	5.4	PA66	Natural (NA)	Synthetic rubber	100 pcs.	151-28449
MB5A	37.7	37.7	7.1	4.8	8.9	PA66	Black (BK)	Synthetic rubber	100 pcs.	151-28602
	37.7	37.7	7.1	4.8	8.9	PA66	White (WH)	Synthetic rubber	100 pcs.	151-28529

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content. Other packaging options may also be available. * Plastic box

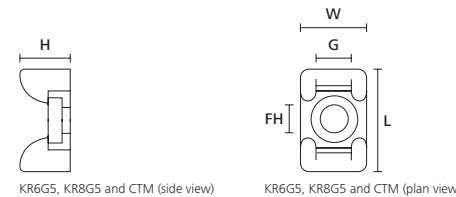
Screw Fixing Mounts

Cable Tie Mounts with curved design

Designed specifically for holding heavier cable bundles these mounting bases can be used in many industries from agriculture to truck manufacturing. They offer a very secure fixing and can be used with a wide variety of heavy duty cable ties up to 8.3 mm width.

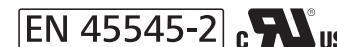
Features and Benefits

- Curved design for additional cable support
- Simple to install with a screw or bolt
- Excellent security, particularly in areas of high vibration
- Mounts are available in various sizes and materials



TYPE	Width (W)	Length (L)	Height (H)	Hole Ø (FH)	Strap Width max. (G)	Material	Colour	Pack Cont.	Article-No.
CTM0	9.4	14.7	6.9	3,8	5.0	PA66	Black (BK)	100 pcs.	151-30300
	9.4	14.7	6.9	3,8	5.0	PA66	White (WH)	100 pcs.	151-30303
CTM1	9.4	14.7	6.9	4,8	5.0	PA66	Black (BK)	100 pcs.	151-30400
	9.4	14.7	6.9	4,8	5.0	PA66	White (WH)	100 pcs.	151-30404
KR6G5	12.0	18.0	9.0	4,5	6.0	PA66	Natural (NA)	100 pcs.	151-24619
KR8G5	14.5	25.0	12.0	6,5	8.0	PA66	Natural (NA)	100 pcs.	151-24819
CTM2	15.5	21.8	9.4	4,6	7.9	PA66	Black (BK)	100 pcs.	151-30500
	15.5	21.8	9.4	4,6	7.9	PA66	White (WH)	100 pcs.	151-30504
CTM3	15.5	21.8	9.4	5,1	7.9	PA66	Black (BK)	100 pcs.	151-30600
	15.5	21.8	9.4	5,1	7.9	PA66	White (WH)	100 pcs.	151-30605
CTM4	15.8	21.8	9.4	6,4	7.9	PA66	Black (BK)	100 pcs.	151-30700
	15.8	21.8	9.4	6,4	7.9	PA66	White (WH)	100 pcs.	151-30703

All dimensions in mm. Subject to technical changes.
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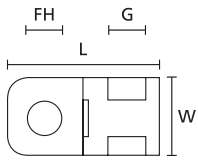
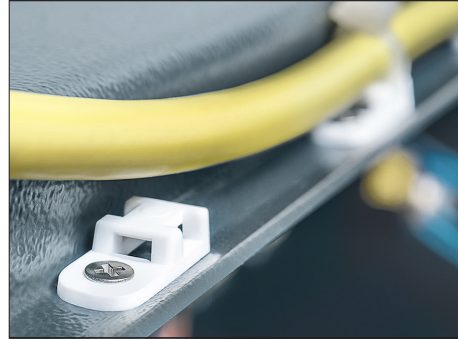
Screw Fixing Mounts

CTAM-Series for applications where space is limited

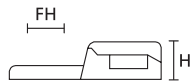
Each of these products offers particular benefits, but all are designed for simple yet robust installation in a wide variety of applications. Particularly used in telecoms equipment, switchgear and control cabinets these cable tie mounts are also used within the aerospace and railway industry.

Features and Benefits

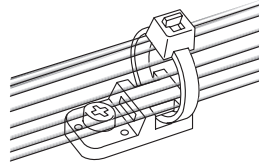
- Suitable for applications with minimal space
- Mounted before cable installation and in line with cable
- CTAM has 4-way entry design for use in line or at 90° angle to cable run
- CTAM mounts are available in different sizes and materials



CTAM-Series (plan view)



CTAM-Series (side view)



CTAM-Series in application

TYPE	Width (W)	Length (L)	Height (H)	Hole Ø (FH)	Strap Width max. (G)	Material	Colour	Pack Cont.	Article-No.
CTAM1	10.2	20.4	5.1	4,3	5.0	PA66	White (WH)	1,000 pcs.	151-31106
CTAM2	10.2	20.4	5.1	5,2	5.0	PA66	White (WH)	100 pcs.	151-31203

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Screw Fixing Mounts

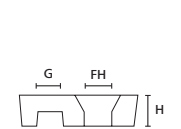
These cable tie mounts are very small in their overall size. They are designed for simple yet robust installation particularly in areas with high vibrations and/or limited space. They are a common fixing method for telecoms equipment, switchgear and control cabinets.

Features and Benefits

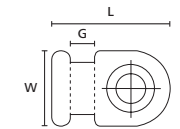
- Small overall size for areas with limited mounting space
- Simple to install with a screw, bolt or rivet
- Excellent security, particularly in areas of high vibration
- Single hole fixing with two-way entry for cable tie



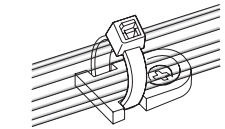
MB-Series Curved Design, screwable



MB1, MB2 Mounts (side view)



MB1, MB2 Mounts (plan view)

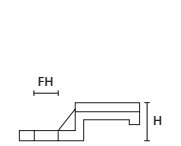


MB1, MB2 Mounts in application

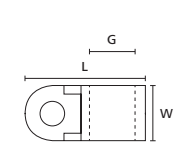
TYPE	Width (W)	Length (L)	Height (H)	Hole Ø (FH)	Strap Width max. (G)	Material	Colour	Pack Cont.	Article-No.
MB1	8.0	12.5	3.5	2,9	2.6	PA66	Natural (NA)	100 pcs.	151-28119
	12.5	20.5	3.3	5,0	5.0	PA66	Black (BK)	100 pcs.	151-28210
MB2	12.5	20.5	3.3	5,0	5.0	PA66	White (WH)	100 pcs.	151-28219

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content. Other packaging options may also be available.

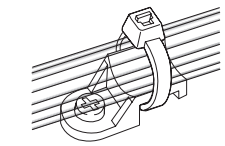
TY-Series Curved Design, screwable



TY3, TY8 Mounts (side view)



TY3, TY8 Mounts (plan view)



TY3, TY8 Mounts in application

TYPE	Width (W)	Length (L)	Height (H)	Hole Ø (FH)	Strap Width max. (G)	Material	Colour	Pack Cont.	Article-No.
TY3F1	8.0	19.0	5.7	3,5	5.0	PA66	Natural (NA)	1,000 pcs.	151-23319
TY8F1	10.0	22.4	7.2	4,5	8.0	PA66	Natural (NA)	1,000 pcs.	151-23819

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content. Other packaging options may also be available.

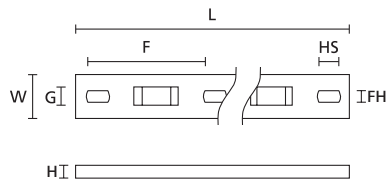
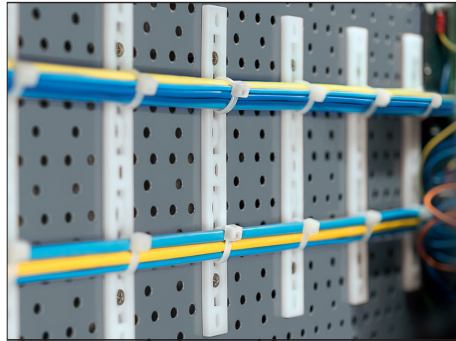
Mounting Plates for Screw Fixing

MP-Series for parallel bundling

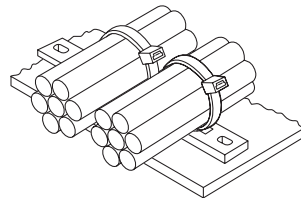
Many applications require each cable run to be firmly held in place but to be held separately from adjacent cable runs (example - control cabinets, machinery and military systems). The MP series of mounts can achieve this.

Features and Benefits

- Allow multiple cables to run in parallel
- Simple to fix with two screws
- Cables are fixed by using a cable tie through any combination of the available slots



Mounting plates MP and MSMP (plan and side view)



Mounting plates in application

TYPE	Width (W)	Length (L)	Height (H)	Hole Ø (FH)	Strap Width max. (G)	No. of bundles	Material	Colour	Pack Cont.	Article-No.
MP2M3	12.7	76.2	3.2	3,7	5.2	2	PA66	Natural (NA)	100 pcs.	151-24219
MP3M3	12.7	108.0	3.2	3,7	5.2	3	PA66	Natural (NA)	100 pcs.	151-24319
MP4M3	12.7	139.8	3.2	3,7	5.2	4	PA66	Natural (NA)	100 pcs.	151-24419
MP5M3	12.7	171.6	3.2	3,7	5.2	5	PA66	Natural (NA)	100 pcs.	151-24519
MSMP5/10	15.8	204.5	5.3	5,1	7.6	5	PA66	Natural (NA)	100 pcs.	151-25519
MSMP6/6	15.8	244.0	5.3	3,8	7.6	6	PA66	Natural (NA)	100 pcs.	151-25619
MSMP4	15.9	167.0	5.2	5,1	8.2	4	PA66	Natural (NA)	500 pcs.	150-83499

All dimensions in mm. Subject to technical changes.
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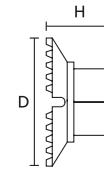
Plastic Nuts

KM

KM plastic nuts can be used in virtually all applications where metal nuts may have been used - offering benefits in speed of application, weight saving and corrosion resistance they also offer a secure fixing when subject to vibration. Typical applications can be found in a wide variety of industries from automotive to white goods (domestic appliances).

Features and Benefits

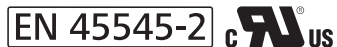
- Much faster assembly than traditional metal hexagonal nuts
- Simply pushed onto bolt by hand
- Easily opened at any time using normal spanner
- Available for both 5 mm and 6 mm ISO threaded bolts



Cable Tie Mounts MB2A (side and plan view)

TYPE	Ø (D)	Height (H)	Nut Size (NS)	Material	Colour	Article-No.
KM6	17.5	9.6	10.0	PA66	Black (BK)	151-02281

All dimensions in mm. Subject to technical changes.



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Manual Tensioning Tool Plastic Housing

EVO7i up to 4.8 mm strap width

HellermannTyton's EVOi mechanical hand tools are created for maximum safety and efficiency. The ergonomic design drastically reduces the risk of repetitive stress injuries while increasing productivity. Tensioning strength can be preset for every taskline. This ensures reliable grip and prevents the cables from being damaged by accidental overtightening, which is important to bundles used in the solar industry. The tool can be set to between 18 N and 165 N with a maximum strap width of 4.8 mm.



Features and Benefits

- Ergonomic tool for use anywhere
- Extremely low maintenance
- Adjustable preset tension device
- Tensions and automatically cuts HellermannTyton cable ties up to 4.8mm wide
- Housing made of resilient and lightweight glass fibre-reinforced polyester

TYPE	Description	Strap Width max.	Strap Thickness max.	Weight	Article-No.
EVO7i	EVO7i	4.8	1.5	0.281 kg	110-77001

All dimensions in mm. Subject to technical changes.



The patent-pending TLC-technology delivers increased productivity:

- Application force and effort are significantly reduced
- Precise cutting of the cable tie right at the head
- Smooth fastening of the cable tie without recoil
- Protects muscles and joints and herewith the health of the user

Perfect cutting made easy with the EVO family:

From precise preliminary settings to the perfect cut, the EVO family allows an even lighter, gentler and easier cable tie application than ever before.

The TLC-technology makes all the difference!



1. Tension
The cable tie is tensioned as usual. Use the tension adjustment knob to select your desired tension setting.



2. Lock
When the desired tension is met the locking mechanism locks the tie in place.



3. Cut
For the final cut, very little effort is needed. By simply pulling the trigger back a little to cut the tie. Without recoil and vibration.

Manual Tensioning Tool Plastic Housing

EVO9i up to 13.5 mm strap width

HellermannTyton's EVOi mechanical hand tools are created for maximum safety and efficiency. The ergonomic design drastically reduces the risk of repetitive stress injuries while increasing productivity. Tensioning strength can be preset for every taskline. This ensures reliable grip and prevents the cables from being damaged by accidental overtightening. The tool can be set to between 53 N and 307 N with a maximum strap width of 13.5 mm.



Features and Benefits

- Ergonomic tool for use anywhere
- Extremely low maintenance
- Adjustable preset tension device
- Tensions and automatically cuts HellermannTyton cable ties up to 13.5 mm wide
- Housing made of resilient and lightweight glass fibre-reinforced polyester

TYPE	Description	Strap Width max.	Strap Thickness max.	Weight	Article-No.
EVO9i	EVO9i	13.5	2.0	0.369 kg	110-88001

All dimensions in mm. Subject to technical changes.



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