



Reduce, Reuse, Recycle ... Rethink

A selection of products promoting material replacement, multiple use and waste reduction

MADE FOR REAL 

Making positive differences

As a global company with a reputation for manufacturing excellence and reliable local distribution, HellermannTyton is focused on reducing the resources we consume and minimising the impact our operations have on the environment.

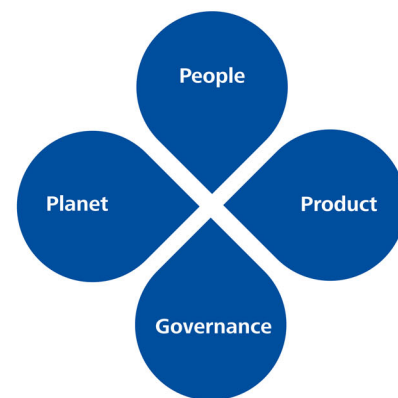
Working towards the goal of carbon neutrality, the sustainability strategy embedded across the business focuses on initiatives in four areas:

People, Planet, Product and Governance.

One of our main goals is to advance sustainability through product innovation and collaboration with our customers and partners.

We understand that every contribution to reducing emissions in the form of weight savings and lower energy consumption counts, as does the reusability and continuous improvement of the recyclability of our products and their packaging.

This selection of products from our portfolio offers you a more sustainable option.



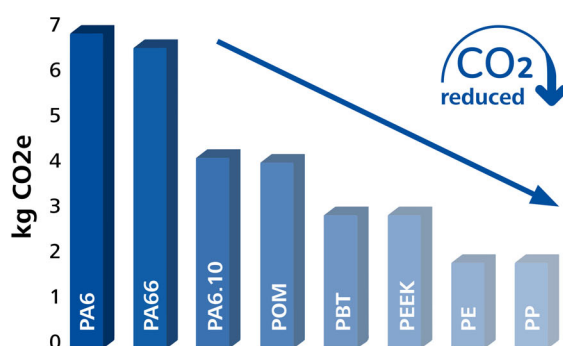
Reduce, Reuse. Recycle ... Rethink

Consume less finite fossil-based resources. Enable multiple uses. Feed disposed material back into circular economies. Achieving these goals requires us to rethink the materials we use and adapt our design and engineering processes.

For example, the many thermoplastics we buy and work with have different carbon equivalents. Did you know, for example, that polypropylene (PP) has a 75% lower relative carbon footprint than polyamide 6.6 (PA66/nylon)?

We are therefore actively researching with our suppliers and manufacturing from material alternatives that require less energy to produce, include higher quantities of recycled material content and polymers derived from renewable natural resources.

Equivalent carbon footprints of polymers



Data source: Plastics Europe LCI Database



Alternative materials to polyamide 6.6 (PA66)

For decades, PA66 (nylon) has been the engineering thermoplastic of first choice for most of the products we design and manufacture. However, PA66 brings a higher emissions cost to the lifecycle equation of parts made from it.

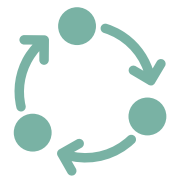
Bio-based plastics (from renewable resources rather than a fossil-based origin) and a mixture of virgin and recycled material also make good contributions to lowering greenhouse gases.



Reusable product solutions

We offer a variety of standard ties, clips, clamps, protection sleeves and RFID tags designed for multiple use in different scenarios, such as temporary bundling, removal and replacement during maintenance, or for flexible equipment tracking.

Because they are designed so that they can be used again and again, they contribute to a reduction in the quantity of material and energy required to create replacements.



Reduced waste solutions

As a leading provider of industrial cable management solutions, HellermannTyton has developed a host of system solutions for bundling and fastening items with precisely the right amount of material need to do the job professionally and reliably.

If you process thousands of cable ties each day to bundle or package your products, we invite you to explore our unique design approaches to wasteless tying and marking.



Discuss your needs with us

We welcome and support our customers' initiatives to rethink the parts and materials required to meet their application scenarios. HellermannTyton is happy to advise you on which of our products meet all application requirements with the least environmental impact.

www.HellermannTyton.com/contact

Product Overview Sustainability

| | Alternative Materials to Polyamide 6.6 (PA66) | Reseusable Product solutions | Reduced waste solutions |
|---|---|------------------------------|-------------------------|
| Cable Tie inside serrated, T-Series | x | | |
| Cable tie inside serrated, ESD Series | x | | |
| Cable Ties for bundling wires in solar power systems, Galvalok-Series | x | | |
| Biodegradable cable ties, BDG-series | x | | |
| Cable ties with low profile head, Robusto-Series | x | x | |
| Releasable cable tie, REL Series | | x | |
| Releasable cable tie, LR55R | | x | |
| Releasable cable tie, RELK2I | | x | |
| Releasable cable tie, REZ200 | | x | |
| Releasable cable tie, RLT120 | | x | |
| Releasable cable tie, LRT | | | |
| Releasable cable tie, ORF Series | | x | |
| Releasable cable tie, RT Series | | x | |
| Releasable cable tie, TUB Series | | x | |
| Endless Ties, EL-TY | x | | x |
| Speedy Tie | | x | |
| Hook and loop cable tie, TEXTIE-Series | x | x | x |
| Fixing tie for hole | x | | |
| Fixing base, LOK-Series | x | | |
| Bundling clip for edge | x | | |
| Fixing tie for edge | x | | |
| Cable tie mount for screw fixation, CTAM-Series | x | | |
| Ratchet P-Clamp, A-D Series | | x | |
| Fixing elements with fir tree, In-Line Ratchet P-Clamp | | x | |
| Fixing elements with fir tree for round holes | | | |
| Self-adhesive mount, In-Line Ratchet P-Clamp, B-Series | | x | |
| Cable clip for edge, GalvaLok Edge-Clips | x | | |
| Cable tie mount for screw fixation, KR with curved design for KR-Ties | x | | |



| | Alternative Materials to Polyamide 6.6 (PA66) | Reseusable Product solutions | Reduced waste solutions |
|--|---|------------------------------|-------------------------|
| Cable tie locked by glass fibre pin, KR-Series, endless | | | x |
| Fixing tie with pipe/tube holder | x | | |
| Screw fixing mounts, KR with curved design for KR-Ties | x | | |
| Fixing tie with pipe/tube holder | x | | |
| Blind plug | x | | |
| Self-closing polyester sleeving, Helagain Twist-In | | x | |
| Re-closeable protective sleeving with hook-and-loop seal, HELAHOOK | | x | |
| Identification ties and plates for marking cable bundles, Arrowtag | | x | x |
| Hard tags with RFID transponder, HardLine – Ultra high frequency (UHF) | | x | x |
| Pre-printed cable markers, WIC, snap on | | x | x |
| Pre-printed cable markers, Helagrip, slide on, chevron cut | | x | x |
| Carrier marking system, laser printer Helafix HC Carriers | | x | x |
| Carrier marking system, laser printer Helafix HCR Carriers continuous | | x | |
| Cotton cloth labels, HELASIGN, material 270 (yellow) | x | | |
| Waste-free bundling up to Ø 100 mm, Autotool System ATS flex | | | x |
| Waste-free bundling up to Ø 100 mm, Cable ties for Autotool System ATS | | | x |

Cable Ties inside serrated

T-Series

| TYPE | Width (W) | Length (L) | Bundle Ø max. | Material | Article-No. |
|------|-----------|------------|---------------|----------|-------------|
| T18R | 2.5 | 100.0 | 22.0 | PA11 | 111-01718 |
| | 2.5 | 100.0 | 22.0 | PP | 111-08310 |
| T30R | 3.5 | 150.0 | 35.0 | PA11 | 111-01719 |
| | 3.5 | 150.0 | 35.0 | PP | 111-01725 |
| T40S | 3.5 | 153.0 | 37.0 | PA11 | 111-00884 |

Please click on the article number to receive detailed information about this product on the HellermannTyton website.



Cable Ties inside serrated

T-Series

| TYPE | Width (W) | Length (L) | Bundle Ø max. | Material | Article-No. |
|-------|-----------|------------|---------------|----------|-------------|
| T18R | 2.5 | 100.0 | 22.0 | PA11 | 111-01718 |
| | 2.5 | 100.0 | 22.0 | PP | 111-08310 |
| T30R | 3.5 | 150.0 | 35.0 | PA11 | 111-01719 |
| | 3.5 | 150.0 | 35.0 | PP | 111-01725 |
| T40S | 3.5 | 153.0 | 37.0 | PA11 | 111-00884 |
| T30L | 3.5 | 190.0 | 50.0 | PP | 111-01724 |
| T50S | 4.6 | 150.0 | 35.0 | PA11 | 111-01720 |
| T50R | 4.6 | 200.0 | 50.0 | PP | 111-01728 |
| T50M | 4.6 | 245.0 | 65.0 | PA11 | 111-02218 |
| T50I | 4.6 | 300.0 | 85.0 | PA11 | 111-02217 |
| | 4.6 | 305.0 | 85.0 | PP | 111-01726 |
| T50L | 4.6 | 390.0 | 110.0 | PP | 111-01727 |
| T50R | 4.7 | 202.0 | 50.0 | PPW | 111-00730 |
| T120S | 7.6 | 225.0 | 55.0 | PP | 111-01730 |
| T120R | 7.6 | 387.0 | 104.0 | PP | 111-08313 |
| T120L | 7.6 | 760.0 | 225.0 | PA11 | 111-12470 |
| T50I | 4.6 | 305.0 | 85.0 | PP | 111-08312 |
| T40S | 3.5 | 151.0 | 37.0 | PP | 111-00708 |
| | 3.5 | 151.0 | 37.0 | PPW | 111-00709 |
| T60S | 4.8 | 251.0 | 65.0 | PP | 111-00759 |
| | 4.8 | 251.0 | 65.0 | PPW | 111-00760 |

All dimensions in mm. Subject to technical changes.



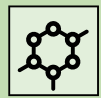
1-piece fixing ties with mounting head for screws

ESD Series

| TYPE | Material | Article-No. |
|--------|----------|-------------|
| ESD100 | PPCOND | 111-01195 |
| ESD200 | PPCOND | 111-01705 |

All dimensions in mm. Subject to technical changes.





Cable Ties for bundling wires in solar power systems

Galvalok-Series in PA11 black

| TYPE | Width (W) | Length (L) | Bundle Ø max. | Material | Article-No. |
|-------|-----------|------------|---------------|----------|-------------|
| GL200 | 4.7 | 203.2 | 50.0 | PA11W | 111-01264 |
| GL250 | 4.8 | 252.0 | 65.0 | PA11W | 111-01265 |
| GL300 | 4.8 | 302.3 | 80.0 | PA11W | 111-01266 |
| GL150 | 3.5 | 153.0 | 36.0 | PA11W | 111-01546 |
| GL380 | 4.8 | 383.0 | 105.0 | PA11W | 111-01641 |
| GL100 | 2.5 | 100.0 | 22.0 | PA11W | 111-01565 |
| GL460 | 9.6 | 465.0 | 130.0 | PA11W | 111-02052 |
| GL600 | 9.6 | 605.0 | 175.0 | PA11W | 111-02053 |

All dimensions in mm. Subject to technical changes.



Biodegradable cable ties

BDG-series

| TYPE | Width (W) | Length (L) | Bundle Ø max. | Material | Article-No. |
|--------|-----------|------------|---------------|----------|-------------|
| BDG100 | 2.5 | 100.0 | 22.0 | PLA | 111-90010 |
| BDG150 | 3.5 | 153.0 | 36.0 | PLA | 111-90015 |
| BDG200 | 4.7 | 202.0 | 50.0 | PLA | 111-90020 |
| BDG250 | 4.8 | 252.0 | 65.0 | PLA | 111-90025 |

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 ties with low profile head

Robusto-Series

| TYPE | Width (W) | Length (L) | Bundle Ø max. | Material | Article-No. |
|------------------|-----------|------------|---------------|----------|-------------|
| Robusto (LPH922) | 9.0 | 123.0 | 22.0 | PA11 | 112-00025 |
| Robusto (LPH942) | 9.0 | 180.0 | 42.0 | PA11 | 112-00011 |
| Robusto (LPH962) | 9.0 | 260.0 | 62.0 | PA11 | 112-00012 |
| Robusto (LPH992) | 9.0 | 355.0 | 92.0 | PA11 | 112-00013 |
| LPH123 | 9.0 | 123.0 | 22.0 | PA11 | 112-00101 |

All dimensions in mm. Subject to technical changes.





Hook and loop ties

TEXTIE-Series

| TYPE | Width (W) | Length (L) | Bundle Ø max. | Colour | Material | Article-No. |
|-----------|-----------|------------|---------------|--------|------------|-------------|
| TEXTIE M | 12.5 | 200.0 | 60.0 | BK | PA66 PP | 130-00013 |
| | 12.5 | 200.0 | 60.0 | BU | PA66 PP | 130-00018 |
| | 12.5 | 200.0 | 60.0 | GN | PA66 PP | 130-00017 |
| | 12.5 | 200.0 | 60.0 | RD | PA66 PP | 130-00014 |
| | 12.5 | 200.0 | 60.0 | YE | PA66 PP | 130-00016 |
| TEXTIE L | 12.5 | 330.0 | 100.0 | BK | PA66 PP | 130-00019 |
| TEXTIE M | 12.5 | 200.0 | 60.0 | WH | PA66 PP | 130-00021 |
| TEXTIE S | 12.5 | 150.0 | 45.0 | BK | PA66 PP | 130-00012 |
| TEXTIE 1M | 13.0 | 1000.0 | 300.0 | BK | PA66 PP | 130-00008 |
| TEXTIE M | 13.0 | 200.0 | 60.0 | BK | PA66 PP | 130-00062 |
| TEXTIE S | 12.5 | 150.0 | 45.0 | BK | PA66 PP | 130-00079 |

All dimensions in mm. Subject to technical changes.



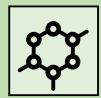
Hook and loop ties

TEXTIE-Series endless

| TYPE | Width (W) | Length (L) | Bundle Ø max. | Colour | Material | Article-No. |
|------------|-----------|------------|---------------|--------|------------|-------------|
| TEXTIE 5M | 12.5 | 5000.0 | - | BK | PA66 PP | 130-00020 |
| TEXTIE 25M | 13.0 | 25000.0 | - | BK | PA66 PP | 130-00022 |
| TEXTIE 1M | 13.0 | 1000.0 | 300.0 | BU | PA66 PP | 130-00004 |
| | 13.0 | 1000.0 | 300.0 | GY | PA66 PP | 130-00006 |
| | 13.0 | 1000.0 | 300.0 | WH | PA66 PP | 130-00007 |
| | 13.0 | 1000.0 | 300.0 | BK | PA66 PP | 130-00008 |
| TEXTIE S | 12.5 | 150.0 | 45.0 | BK | PA66 PP | 130-00079 |

All dimensions in mm. Subject to technical changes.





Fixing ties with fir tree, with disc, for round holes

Fir tree parts FT6

| TYPE | Hole Ø (FH) | Panel Thickness | Width (W) | Material | Article-No. |
|--------------|-------------|-----------------|-----------|-----------------|-------------|
| OS150-WPM712 | 7.0 x 12.0 | 1.2 - 3.5 | 6.0 | PA610 | 126-00273 |
| T50RFT6LG | 6.4 - 7.1 | 0.75 - 6.0 | 4.6 | PP PA66HIRHS | 156-00801 |

All dimensions in mm. Subject to technical changes.



Fixing base

LOK-Series

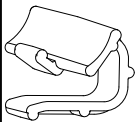
| TYPE | Width (W) | Length (L) | Length (L2) | Material | Article-No. |
|-------|-----------|------------|-------------|----------|-------------|
| LOK01 | 12.0 | 44.0 | 6.5 | PA11 | 151-01277 |

All dimensions in mm. Subject to technical changes.



Bundling Clips for edges

3,0 - 5,0 mm

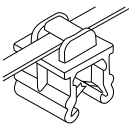
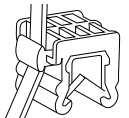
| TYPE | Drawing | Panel Thickness | Material | Article-No. |
|---------|---|-----------------|----------|-------------|
| TC58CIC |  | 3.0 - 5.0 | PP | 151-02532 |

All dimensions in mm. Subject to technical changes.



2-Piece Fixing Ties for Edges, 3,0 - 6,0 mm

EdgeClip-Series, 3,0 - 6,0 mm, top fixing

| TYPE | Drawing | Width (W) | Length (L) | Bundle Ø max. | Material | Article-No. |
|----------|---|-----------|------------|---------------|-----------------|-------------|
| T50REC20 |  | 4.6 | 200.0 | 45.0 | PP PA66HIRHS | 156-00993 |
| T50REC23 |  | 4.6 | 200.0 | 45.0 | PP PA66HIRHS | 156-00994 |

All dimensions in mm. Subject to technical changes.





Screw fixing mounts

CTAM-Series for applications where space is limited

| TYPE | Width (W) | Length (L) | Height (H) | Material | Article-No. |
|-------|-----------|------------|------------|----------|-------------|
| CTAM1 | 10.4 | 20.8 | 5.2 | PPCOND | 151-00671 |

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



Fixing Elements for cables with Automatic Locking Feature

GalvaLok Edge-Clips

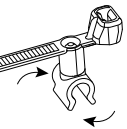
| TYPE | Length (L) | Panel Thickness | Material | Article-No. |
|------------|------------|-----------------|----------|-------------|
| GLEC1-2J-7 | 45.5 | 3.0 | PA11W | 151-02060 |

All dimensions in mm. Subject to technical changes.



2-Piece fixing ties with pipe clip, twistable 360°

for multiple routing

| TYPE | Drawing | Width (W) | Length (L) | Material | Article-No. |
|----------|---|-----------|------------|--------------|-------------|
| T50SVC4S |  | 4.7 | 155.0 | PA66HS PP | 156-00318 |

All dimensions in mm. Subject to technical changes.



Screw fixing mounts

KR with curved design for KR-Ties

| TYPE | Width (W) | Length (L) | Height (H) | Material | Article-No. |
|-------|-----------|------------|------------|----------|-------------|
| KR6G5 | 12.0 | 18.0 | 9.0 | PP | 151-03286 |

All dimensions in mm. Subject to technical changes.



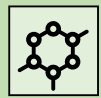
2-piece fixing ties with pipe clip, twistable 360°

for multiple routing

| TYPE | Width (W) | Material | Article-No. |
|--------------|-----------|-----------------|-------------|
| T50SOSASVC4S | 4.6 | PA66HIRHS PP | 156-03032 |

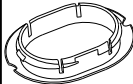
All dimensions in mm. Subject to technical changes.





Open Plugs

Please maintain data!



| TYPE | Drawing | Hole Ø (FH) | Material | Colour | Material | Article-No. |
|-----------------|---|-------------|----------|------------|----------|-------------|
| Open Plug 55x70 |  | 55.0 x 70.0 | PP | Black (BK) | PP | 151-00392 |

All dimensions in mm. Subject to technical changes.



Cotton cloth labels, manual marking

HELASIGN, material 270 (yellow), booklet

| TYPE | Drawing | Width (W) | Height (H) | Labels per Sheet | Material | Article-No. |
|-----------------|---|-----------|------------|------------------|----------|-------------|
| TAG120B-270-YE |  | 15.0 | 6.0 | 105 pcs. | 270 | 598-12027 |
| TAG122B-270-YE | | 15.0 | 9.0 | 70 pcs. | 270 | 598-12227 |
| TAG124B-270-YE | | 19.0 | 11.0 | 44 pcs. | 270 | 598-12427 |
| TAG121B-270-YE | | 20.0 | 8.0 | 60 pcs. | 270 | 598-12127 |
| TAG122FB-270-YE |  | 15.0 | 9.0 | 70 pcs. | 270 | 598-92227 |
| TAG124FB-270-YE | | 19.0 | 11.0 | 44 pcs. | 270 | 598-92427 |
| TAG121FB-270-YE | | 20.0 | 8.0 | 60 pcs. | 270 | 598-92127 |
| TAG125FB-270-YE | | 38.0 | 11.0 | 22 pcs. | 270 | 598-92527 |

All dimensions in mm. Subject to technical changes.





Cable ties with low profile head

Robusto-Series

| TYPE | Width (W) | Length (L) | Bundle Ø max. | Material | Article-No. |
|------------------|-----------|------------|---------------|----------|-------------|
| Robusto (LPH922) | 9.0 | 123.0 | 22.0 | PA11 | 112-00025 |
| Robusto (LPH942) | 9.0 | 180.0 | 42.0 | PA11 | 112-00011 |
| Robusto (LPH962) | 9.0 | 260.0 | 62.0 | PA11 | 112-00012 |
| Robusto (LPH992) | 9.0 | 355.0 | 92.0 | PA11 | 112-00013 |
| LPH123 | 9.0 | 123.0 | 22.0 | PA11 | 112-00101 |

All dimensions in mm. Subject to technical changes.



Cable ties with quick release mechanism, parallel bundling

SpeedyTie

| TYPE | Width (W) | Length (L) | Bundle Ø max. | Material | Article-No. |
|----------------------|-----------|------------|---------------|------------|-------------|
| SpeedyTie (RTT750HR) | 13.0 | 752.0 | 210.0 | PA66 | 115-00001 |
| | 13.0 | 752.0 | 210.0 | PA66 | 115-00000 |
| | 13.0 | 752.0 | 210.0 | PA66HIR(S) | 115-00030 |
| | 13.0 | 750.0 | 210.0 | PA66 | 115-00107 |

All dimensions in mm. Subject to technical changes.



Cable ties inside serrated with kickdown lever

REL-Series

| TYPE | Width (W) | Length (L) | Bundle Ø max. | Material | Article-No. |
|--------|-----------|------------|---------------|----------|-------------|
| REL100 | 6.7 | 100.0 | 21.0 | PA66 | 131-21010 |
| REL140 | 7.6 | 150.0 | 35.0 | PA66 | 131-21419 |
| | 7.6 | 150.0 | 35.0 | PA66 | 131-21410 |
| REL180 | 6.5 | 180.0 | 46.0 | PA66 | 115-00027 |
| REL250 | 7.6 | 250.0 | 68.0 | PA66 | 131-22510 |
| | 7.6 | 250.0 | 68.0 | PA66 | 131-22519 |
| | 7.6 | 250.0 | 68.0 | PA66W | 131-22560 |
| | 7.6 | 250.0 | 68.0 | PA66 | 115-40804 |

All dimensions in mm. Subject to technical changes.





Cable ties outside serrated for marking, releasable

LR55-Series

| TYPE | Width (W) | Length (L) | Bundle Ø max. | Material | Article-No. |
|-------|-----------|------------|---------------|----------|-------------|
| LR55R | 4.8 | 196.0 | 50.0 | PA66 | 115-00004 |
| | 4.8 | 196.0 | 50.0 | PA66 | 115-00003 |
| | 4.8 | 196.0 | 50.0 | PA66HS | 131-55000 |
| | 4.7 | 196.0 | 50.0 | PA66 | 115-00005 |
| | 4.8 | 196.0 | 50.0 | PA66HS | 115-00002 |
| | 4.8 | 196.0 | 50.0 | PA66 | 131-55009 |
| | 4.8 | 195.0 | 50.0 | PA66 | 115-00006 |
| | 4.8 | 196.0 | 50.0 | PA66 | 115-00008 |

All dimensions in mm. Subject to technical changes.



Cable ties inside serrated

RELK-Series up to 200 N loop tensile strength

| TYPE | Width (W) | Length (L) | Bundle Ø max. | Material | Article-No. |
|--------|-----------|------------|---------------|----------|-------------|
| RELK2I | 4.6 | 300.0 | 81.0 | PA66 | 115-06760 |
| | 4.6 | 300.0 | 81.0 | PA66 | 115-02101 |
| RELK2L | 4.6 | 350.0 | 95.0 | PA66 | 115-02302 |
| | 4.6 | 350.0 | 95.0 | PA66 | 115-02300 |
| RELK2M | 4.6 | 250.0 | 65.0 | PA66 | 115-06729 |
| | 4.6 | 250.0 | 65.0 | PA66 | 115-02000 |
| RELK2R | 4.6 | 200.0 | 50.0 | PA66 | 115-02202 |
| RELK2L | 4.6 | 350.0 | 95.0 | PA66 | 115-06919 |

All dimensions in mm. Subject to technical changes.



Cable ties inside serrated with one-hand release mechanism

REZ-Series

| TYPE | Width (W) | Length (L) | Bundle Ø max. | Material | Article-No. |
|--------|-----------|------------|---------------|----------|-------------|
| REZ200 | 4.7 | 200.0 | 50.0 | PA66 | 115-40200 |
| | 4.7 | 200.0 | 50.0 | PA66 | 115-00132 |
| | 4.7 | 200.0 | 50.0 | PA66 | 115-00106 |
| | 4.7 | 200.0 | 50.0 | PA66 | 115-00147 |
| REZ300 | 4.7 | 305.0 | 80.0 | PA66 | 115-40300 |
| | 4.7 | 305.0 | 80.0 | PA66 | 115-00043 |
| | 4.7 | 305.0 | 80.0 | PA66 | 115-00138 |
| | 4.7 | 305.0 | 80.0 | PA66 | 115-00032 |

All dimensions in mm. Subject to technical changes.





Cable ties inside serrated, releasable

RLT-Series up to 670 N loop tensile strength

| TYPE | Width (W) | Length (L) | Bundle Ø max. | Material | Article-No. |
|--------|-----------|------------|---------------|----------|-------------|
| RLT120 | 7.6 | 340.0 | 90.0 | PA66 | 111-70361 |
| | 7.6 | 340.0 | 90.0 | PA66 | 111-70319 |
| RLT150 | 8.9 | 770.0 | 225.0 | PA66 | 111-70119 |
| | 8.9 | 770.0 | 225.0 | PA66 | 111-70110 |
| | 8.9 | 770.0 | 225.0 | PA66W | 111-70160 |
| | 8.9 | 770.0 | 225.0 | PA66HS | 111-70159 |
| | 8.9 | 770.0 | 225.0 | PA66 | 115-00017 |

All dimensions in mm. Subject to technical changes.



Cable ties inside serrated, releasable

LRT-Series up to 535 N loop tensile strength

| TYPE | Width (W) | Length (L) | Bundle Ø max. | Material | Article-No. |
|--------|-----------|------------|---------------|----------|-------------|
| LRT230 | 7.6 | 230.0 | 52.0 | PA66 | 111-70400 |

All dimensions in mm. Subject to technical changes.



Cable tie outside serrated with lever lock

ORF-Series up to 135 N loop tensile strength

| TYPE | Width (W) | Length (L) | Bundle Ø max. | Material | Article-No. |
|----------|-----------|------------|---------------|----------|-------------|
| ORF150-S | 4.7 | 150.0 | 36.0 | PA66W | 115-00161 |
| ORF200-S | 4.7 | 200.0 | 50.0 | PA66W | 115-00164 |
| | 4.7 | 200.0 | 50.0 | PA66 | 115-00163 |
| ORF300 | 7.4 | 301.0 | 78.0 | PA66 | 115-00124 |

All dimensions in mm. Subject to technical changes.



Cable tie outside serrated

RT-series up to 190 N loop tensile strength

| TYPE | Width (W) | Length (L) | Bundle Ø max. | Material | Article-No. |
|---------|-----------|------------|---------------|----------|-------------|
| RT250 | 9.0 | 250.0 | 71.0 | PA12 | 131-12520 |
| RT250R | 12.5 | 515.0 | 125.0 | PA66 | 131-75019 |
| RT250M | 12.5 | 565.3 | 150.0 | PA66 | 131-75610 |
| | 12.5 | 565.3 | 150.0 | PA66UV | 131-75620 |
| RT250I | 12.5 | 730.0 | 203.0 | PA66 | 115-41401 |
| RT250S | 12.5 | 230.0 | 50.0 | PA66UV | 115-41803 |
| RT250XL | 12.5 | 1030.0 | 305.0 | PA66 | 131-75519 |
| | 12.5 | 1030.0 | 305.0 | PA66 | 131-75510 |
| RT250R | 12.5 | 515.0 | 125.0 | PA66 | 115-41300 |
| RT250I | 12.5 | 730.0 | 203.0 | PA66UV | 115-41403 |

All dimensions in mm. Subject to technical changes.





Cable Ties without serration in flexible TPU

SOFTFIX-Family

| TYPE | Width (W) | Length (L) | Bundle Ø max. | Material | Article-No. |
|----------|-----------|------------|---------------|----------|-------------|
| SRT1807 | 7.0 | 180.0 | 45.0 | TPU | 115-07189 |
| SRT26011 | 11.0 | 260.0 | 65.0 | TPU | 115-11269 |
| SRT2607 | 7.0 | 260.0 | 70.0 | TPU | 115-07269 |
| SRT34011 | 11.0 | 340.0 | 90.0 | TPU | 115-11349 |
| SRT58028 | 28.0 | 580.0 | 150.0 | TPU | 115-28589 |
| SRT88028 | 28.0 | 880.0 | 240.0 | TPU | 115-28889 |

All dimensions in mm. Subject to technical changes.



Cable Ties without serration in flexible TPU

SOFTFIX-Family

| TYPE | Width (W) | Length (L) | Bundle Ø max. | Material | Article-No. |
|-------------|-----------|------------|---------------|----------|-------------|
| SOFTFIX L | 11.0 | 340.0 | 90.0 | TPU | 115-11350 |
| SOFTFIX M | 11.0 | 260.0 | 65.0 | TPU | 115-11270 |
| SOFTFIX S | 7.0 | 260.0 | 70.0 | TPU | 115-07270 |
| SOFTFIX XL | 28.0 | 580.0 | 150.0 | TPU | 115-28590 |
| SOFTFIX XS | 7.0 | 180.0 | 45.0 | TPU | 115-07190 |
| SOFTFIX XXL | 28.0 | 880.0 | 240.0 | TPU | 115-28898 |

All dimensions in mm. Subject to technical changes.



Hook and loop ties

TEXTIE-Series

| TYPE | Width (W) | Length (L) | Bundle Ø max. | Material | Article-No. |
|----------|-----------|------------|---------------|------------|-------------|
| TEXTIE M | 12.5 | 200.0 | 60.0 | PA66 PP | 130-00018 |
| | 12.5 | 200.0 | 60.0 | PA66 PP | 130-00014 |
| | 12.5 | 200.0 | 60.0 | PA66 PP | 130-00013 |
| TEXTIE L | 12.5 | 330.0 | 100.0 | PA66 PP | 130-00019 |
| TEXTIE M | 12.5 | 200.0 | 60.0 | PA66 PP | 130-00016 |
| | 12.5 | 200.0 | 60.0 | PA66 PP | 130-00017 |
| | 12.5 | 200.0 | 60.0 | PA66 PP | 130-00021 |
| TEXTIE S | 12.5 | 150.0 | 45.0 | PA66 PP | 130-00012 |
| | 12.5 | 150.0 | 45.0 | PA66 PP | 130-00066 |

All dimensions in mm. Subject to technical changes.





Hook and loop ties

TEXTIE-Series endless

| TYPE | Width (W) | Length (L) | Colour | Material | Article-No. |
|------------|-----------|------------|--------|------------|-------------|
| TEXTIE 5M | 12.5 | 5000.0 | BK | PA66 PP | 130-00020 |
| TEXTIE 25M | 13.0 | 25000.0 | BK | PA66 PP | 130-00022 |
| TEXTIE 1M | 13.0 | 1000.0 | BU | PA66 PP | 130-00004 |
| | 13.0 | 1000.0 | RD | PA66 PP | 130-00005 |
| | 13.0 | 1000.0 | GY | PA66 PP | 130-00006 |
| | 13.0 | 1000.0 | WH | PA66 PP | 130-00007 |
| | 13.0 | 1000.0 | BK | PA66 PP | 130-00008 |

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



Ratchet P-Clamp

For bundle diameters from 6.2 mm to 13.7 mm, A-Series

| TYPE | Hole Ø (FH) | Fixing Hole Centres (F) | Material | Article-No. |
|------------|-------------|-------------------------|-------------------------|-------------|
| RCA180SM6 | 6.5 | 50.5 | PA66HIRHSUV ST ZN | 151-01637 |
| RCA180MM6 | 6.5 | 72.5 | PA66HIRHSUV ST ZN | 151-01638 |
| RCA180LM6 | 6.5 | 101.5 | PA66HIRHSUV ST ZN | 151-01639 |
| RCA180SM10 | 10.29 | 50.5 | PA66HIRHSUV ST ZN | 151-01417 |
| RCA180SM12 | 12.95 | 50.5 | PA66HIRHSUV ST ZN | 151-01418 |
| RCA180SM8 | 8.31 | 50.5 | PA66HIRHSUV ST ZN | 151-01416 |
| RCA90LM6 | 6.5 | 24.9 | PA66HIRHSUV ST ZN | 151-01644 |
| RCA90LM8 | 8.31 | 24.9 | PA66HIRHSUV ST ZN | 151-01437 |
| RCA90SM10 | 10.29 | 24.9 | PA66HIRHSUV ST ZN | 151-01435 |
| RCA90SM6 | 6.5 | 24.9 | PA66HIRHSUV ST ZN | 151-01643 |

All dimensions in mm. Subject to technical changes.





Ratchet P-Clamp

For bundle diameters from 12.7 mm to 19.5 mm, B-Series

| TYPE | Hole Ø (FH) | Fixing Hole Centres (F) | Material | Article-No. |
|--------------|-------------|-------------------------|-------------------------|-------------|
| RCB180SM6 | 6.5 | 52.8 | PA66HIRHSUV ST ZN | 151-03038 |
| | 6.5 | 52.8 | PA66HIRHSUV ST ZN | 151-01645 |
| RCB180LM6 | 6.5 | 103.8 | PA66HIRHSUV ST ZN | 151-01647 |
| RCB180SM6SS | 6.6 | 52.8 | PA666V0 SS304 | 151-02736 |
| RCB90SM8 | 8.31 | 26.7 | PA66HIRHSUV ST ZN | 151-01457 |
| RCB30SM8 | 8.31 | 48.8 | PA66HIRHSUV ST ZN | 151-01451 |
| RCB180SM8SS | 8.31 | 52.8 | PA66HIRHSUV SS304 | 151-01944 |
| RCB180SM8 | 8.31 | 52.8 | PA66HIRHSUV ST ZN | 151-01440 |
| RCB180MM8 | 8.31 | 74.8 | PA66HIRHSUV ST ZN | 151-01442 |
| RCB180LM8SS | 8.31 | 103.8 | PA66HIRHSUV SS304 | 151-01952 |
| RCB180LM8 | 8.31 | 103.8 | PA66HIRHSUV ST ZN | 151-01445 |
| RCB180SM10 | 10.29 | 52.8 | PA66HIRHSUV ST ZN | 151-01390 |
| RCB30SM12 | 12.95 | 48.8 | PA66HIRHSUV ST ZN | 151-01453 |
| RCB180SM12SS | 12.95 | 52.8 | PA66HIRHSUV SS304 | 151-01946 |
| RCB180SM12 | 12.95 | 52.8 | PA66HIRHSUV ST ZN | 151-01441 |
| RCB90LM10 | 10.29 | 26.7 | PA66HIRHSUV ST ZN | 151-01461 |
| RCB90LM12 | 12.95 | 26.7 | PA66HIRHSUV ST ZN | 151-01462 |
| RCB90LM8 | 8.31 | 26.7 | PA66HIRHSUV ST ZN | 151-01460 |
| RCB90SM12 | 12.95 | 26.7 | PA66HIRHSUV ST ZN | 151-01459 |
| RCB90SM6 | 6.5 | 26.7 | PA66HIRHSUV ST ZN | 151-01651 |



All dimensions in mm. Subject to technical changes.



Ratchet P-Clamp

For bundle diameters from 19.4 mm to 36.0 mm, C-Series

| TYPE | Hole Ø (FH) | Fixing Hole Centres (F) | Material | Article-No. |
|-------------|-------------|-------------------------|-------------------------|-------------|
| RCC30SM6 | 6.5 | 50.5 | PA66HIRHSUV ST ZN | 151-01657 |
| RCC180SM6 | 6.5 | 62.3 | PA66HIRHSUV ST ZN | 151-01653 |
| RCC180MM6 | 6.5 | 84.3 | PA66HIRHSUV ST ZN | 151-01654 |
| RCC180LM6 | 6.5 | 113.3 | PA66HIRHSUV ST ZN | 151-01655 |
| RCC90SM8 | 8.31 | 39.9 | PA66HIRHSUV ST ZN | 151-01492 |
| RCC30SM8SS | 8.31 | 50.5 | PA66HIRHSUV SS304 | 151-01992 |
| RCC30SM8 | 8.31 | 50.5 | PA66HIRHSUV ST ZN | 151-01486 |
| RCC180SM8SS | 8.31 | 62.3 | PA66HIRHSUV SS304 | 151-01976 |
| RCC180SM8 | 8.31 | 62.3 | PA66HIRHSUV ST ZN | 151-01474 |
| RCC180MM8 | 8.31 | 84.3 | PA66HIRHSUV ST ZN | 151-01477 |
| RCC180LM8 | 8.31 | 113.3 | PA66HIRHSUV ST ZN | 151-01480 |
| RCC180SM8SS | 8.4 | 62.3 | PA666V0 SS304 | 151-02737 |
| RCC180SM10 | 10.29 | 62.3 | PA66HIRHSUV ST ZN | 151-01475 |
| RCC180LM10 | 10.29 | 113.3 | PA66HIRHSUV ST ZN | 151-01481 |
| RCC180SM12 | 12.95 | 62.3 | PA66HIRHSUV ST ZN | 151-01476 |
| RCC180LM12 | 12.95 | 113.3 | PA66HIRHSUV ST ZN | 151-01482 |
| RCC90LM10 | 10.29 | 39.9 | PA66HIRHSUV ST ZN | 151-01496 |
| RCC90LM6 | 6.5 | 39.9 | PA66HIRHSUV ST ZN | 151-01660 |
| RCC90LM8 | 8.31 | 39.9 | PA66HIRHSUV ST ZN | 151-01495 |
| RCC90SM6 | 6.5 | 39.9 | PA66HIRHSUV ST ZN | 151-01659 |
| RCC90SM8SS | 8.31 | 39.9 | PA66HIRHSUV SS304 | 151-02001 |

All dimensions in mm. Subject to technical changes.





Ratchet P-Clamp

For bundle diameters from 36.0 mm to 51.0 mm, D-Series

| TYPE | Hole Ø (FH) | Fixing Hole Centres (F) | Material | Article-No. |
|-------------|-------------|-------------------------|-------------------------|-------------|
| RCD180SM6 | 6.5 | 70.0 | PA66HIRHSUV ST ZN | 151-01673 |
| | 6.5 | 70.0 | PA66HIRHSUV ST ZN | 151-01661 |
| RCD180SM8 | 8.31 | 70.0 | PA66HIRHSUV ST ZN | 151-01499 |
| RCD180MM8 | 8.31 | 92.0 | PA66HIRHSUV ST ZN | 151-01503 |
| RCD180LM8 | 8.31 | 121.0 | PA66HIRHSUV ST ZN | 151-01506 |
| RCD180SM8SS | 8.4 | 70.0 | PA666V0 SS304 | 151-02734 |
| RCD180MM8SS | 8.4 | 92.0 | PA666V0 SS304 | 151-03111 |
| RCD180LM8SS | 8.4 | 121.0 | PA666V0 SS304 | 151-02735 |
| RCD90LM10 | 10.29 | 42.4 | PA66HIRHSUV ST ZN | 151-01522 |
| RCD180SM10 | 10.29 | 70.0 | PA66HIRHSUV ST ZN | 151-01501 |
| RCD180MM10 | 10.29 | 92.0 | PA66HIRHSUV ST ZN | 151-01504 |
| RCD180LM10 | 10.29 | 121.0 | PA66HIRHSUV ST ZN | 151-01507 |
| RCD90LM6 | 6.5 | 42.4 | PA66HIRHSUV ST ZN | 151-01628 |
| RCD90LM8 | 8.31 | 42.4 | PA66HIRHSUV ST ZN | 151-01521 |
| RCD90SM10 | 10.29 | 42.4 | PA66HIRHSUV ST ZN | 151-01519 |
| RCD90SM6 | 6.5 | 42.4 | PA66HIRHSUV ST ZN | 151-01667 |
| RCD90SM8 | 8.31 | 42.4 | PA66HIRHSUV ST ZN | 151-01518 |

All dimensions in mm. Subject to technical changes.





Ratchet P-Clamp

For bundle diameters from 63.0 mm up to 80.0 mm, F-Series

| TYPE | Hole Ø (FH) | Fixing Hole Centres (F) | Material | Article-No. |
|--------------|-------------|-------------------------|----------------------|-------------|
| RCF180SM10SS | 10.29 | 88.0 | PA66HIRHSUV SS304 | 151-03123 |

All dimensions in mm. Subject to technical changes.



Fixing elements with fir tree for round holes

In-Line Ratchet P-Clamp, A-Series

| TYPE | Hole Ø (FH) | Width (W) | Length (L) | Material | Article-No. |
|-------------|-------------|-----------|------------|-------------|-------------|
| IRCAFT6.5LG | 6.5 | 34.9 | 34.8 | PA66HIRHSUV | 156-02706 |

All dimensions in mm. Subject to technical changes.



Fixing elements with fir tree for oval holes

In-Line Ratchet P-Clamp, B-Series

| TYPE | Hole Ø (FH) | Width (W) | Length (L) | Material | Article-No. |
|------------|-------------|-----------|------------|-------------|-------------|
| IRCBFTOVAL | 7.0 x 12.0 | 34.9 | 34.8 | PA66HIRHSUV | 156-02628 |

All dimensions in mm. Subject to technical changes.



Self-adhesive mount

In-Line Ratchet P-Clamp, B-Series

| TYPE | Width (W) | Length (L) | Material | Article-No. |
|----------|-----------|------------|-------------|-------------|
| IRCBMB5A | 34.9 | 34.8 | PA66HIRHSUV | 156-02634 |

All dimensions in mm. Subject to technical changes.



Heavy duty cable clamps

screwable, Inline Ratchet Clamps

| TYPE | Hole Ø (FH) | Width (W) | Length (L) | Material | Article-No. |
|----------|-------------|-----------|------------|-------------|-------------|
| CMRCBHM6 | 7.0 | 35.1 | 86.1 | PA66HIRHSUV | 151-03538 |
| CMRCCHM6 | 7.0 | 35.1 | 125.3 | PA66HIRHSUV | 151-03547 |
| CMRCCHM8 | 9.0 | 35.1 | 125.3 | PA66HIRHSUV | 151-03548 |
| CMRCDHM8 | 9.0 | 35.1 | 149.7 | PA66HIRHSUV | 151-03559 |

All dimensions in mm. Subject to technical changes.





Self-closing polyester sleeving

Helagaine Twist-In

| TYPE | Bundle Ø min. | Bundle Ø max. | Material | Article-No. |
|-----------------|---------------|---------------|-----------|-------------|
| Twist-In-FR 05 | 4.0 | 5.0 | PET | 170-01100 |
| Twist-In 05-5 m | 4.0 | 5.0 | PET | 170-01011 |
| Twist-In 05 | 4.0 | 5.0 | PET | 170-01000 |
| Twist-In-FR 08 | 5.0 | 8.0 | PET | 170-01101 |
| Twist-In 08-5 m | 5.0 | 8.0 | PET | 170-01012 |
| Twist-In 08 | 5.0 | 8.0 | PET | 170-01001 |
| Twist-In-FR 13 | 10.0 | 13.0 | PET | 170-01102 |
| Twist-In 13-5 m | 10.0 | 13.0 | PET | 170-01013 |
| Twist-In 13 | 10.0 | 13.0 | PET | 170-01002 |
| Twist-In-RR-13 | 10.0 | 13.0 | PET GF | 170-01175 |
| | 10.0 | 13.0 | PET GF | 170-01161 |
| Twist-In-FR 19 | 16.0 | 19.0 | PET | 170-01104 |
| Twist-In 19-2 m | 16.0 | 19.0 | PET | 170-01014 |
| Twist-In 19 | 16.0 | 19.0 | PET | 170-01004 |
| Twist-In-RR-19 | 16.0 | 19.0 | PET GF | 170-01162 |
| Twist-In-FR 25 | 19.0 | 25.0 | PET | 170-01105 |
| Twist-In 25-2 m | 19.0 | 25.0 | PET | 170-01015 |
| Twist-In 25 | 19.0 | 25.0 | PET | 170-01005 |
| Twist-In-FR 29 | 25.0 | 29.0 | PET | 170-01106 |
| Twist-In 29-2 m | 25.0 | 29.0 | PET | 170-01016 |
| Twist-In 29 | 25.0 | 29.0 | PET | 170-01006 |
| Twist-In-FR 32 | 29.0 | 32.0 | PET | 170-01107 |
| Twist-In 32-2 m | 29.0 | 32.0 | PET | 170-01017 |
| Twist-In 32 | 29.0 | 32.0 | PET | 170-01007 |
| Twist-In-FR 38 | 32.0 | 38.0 | PET | 170-01108 |
| Twist-In 38-2 m | 32.0 | 38.0 | PET | 170-01018 |
| Twist-In 38 | 32.0 | 38.0 | PET | 170-01008 |
| Twist-In-FR 50 | 38.0 | 50.0 | PET | 170-01109 |
| Twist-In 50 | 38.0 | 50.0 | PET | 170-01010 |
| Twist-In-RR-19 | 16.0 | 19.0 | PET GF | 170-01176 |
| Twist-In-RR-29 | 25.0 | 29.0 | PET GF | 170-01163 |
| | 25.0 | 29.0 | PET GF | 170-01177 |
| Twist-In-RR-32 | 29.0 | 32.0 | PET GF | 170-01164 |
| | 29.0 | 32.0 | PET GF | 170-01178 |

All dimensions in mm. Subject to technical changes.





Re-closeable protective sleeving with hook-and-loop seal

HELAHOOK

| TYPE | Bundle Ø min. | Bundle Ø max. | Material | Article-No. |
|------------|---------------|---------------|----------|-------------|
| HELAHOOK10 | 3.0 | 15.0 | PET | 170-05100 |
| HELAHOOK15 | 10.0 | 20.0 | PET | 170-05150 |
| HELAHOOK20 | 15.0 | 30.0 | PET | 170-05200 |
| HELAHOOK25 | 20.0 | 40.0 | PET | 170-05250 |
| HELAHOOK30 | 25.0 | 50.0 | PET | 170-05300 |

All dimensions in mm. Subject to technical changes. Cuts in any lengths.



Identification ties and plates for marking cable bundles

Arrowtag

| TYPE | Length (L) | Width (W) | Strap Width max. (G) | Material | Article-No. |
|------|------------|-----------|----------------------|----------|-------------|
| AT1 | 62.5 | 4.7 | 7.4 | PA66 | 151-41110 |
| | 62.5 | 4.7 | 7.4 | PA66 | 151-41119 |

All dimensions in mm. Subject to technical changes.



Hard tags with RFID transponder

HardLine – Ultra high frequency (UHF), bolt-on, blank

| TYPE | Ø (D) | Material | Article-No. |
|---------------------|-------|----------|-------------|
| RFID HARDTAG DISC | 50.0 | PPA | 556-00809 |
| RFID_HTAG_DISC_PA34 | 34.0 | PA6GF30 | 556-00861 |

All dimensions in mm. Subject to technical changes.

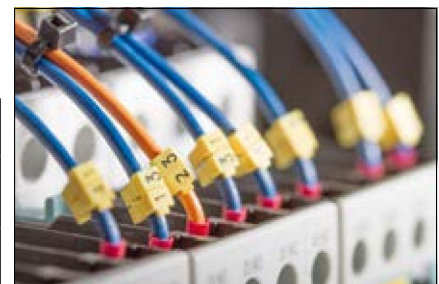


Pre-printed cable markers

WIC, snap on

| | Bundle Ø min. | Bundle Ø max. | Width (W) |
|------|---------------|---------------|-----------|
| WIC0 | 0.8 | 2.2 | 5.0 |
| WIC1 | 2.0 | 2.8 | 5.0 |
| WIC2 | 2.8 | 3.8 | 5.6 |
| WIC3 | 4.3 | 5.3 | 8.0 |

All dimensions in mm. Subject to technical changes.





Pre-printed cable markers

Helagrip, slide on, chevron cut

| TYPE | Bundle Ø min. | Bundle Ø max. | Length (L) |
|---------|---------------|---------------|------------|
| HGDC1-3 | 1.0 | 3.0 | 3.5 |
| HGDC2-5 | 2.0 | 5.0 | 3.5 |
| HGDC4-9 | 4.0 | 9.0 | 5.0 |

All dimensions in mm. Subject to technical changes.



Carrier marking system, laser printer

Helafix HC Carriers

| TYPE | Length (L) | Height (H) | Material | Article-No. |
|---------|------------|------------|----------|-------------|
| HC06-17 | 17.5 | 7.0 | PEUV | 525-07173 |
| HC09-17 | 17.5 | 10.0 | PEUV | 525-10173 |
| HC12-17 | 17.5 | 13.0 | PEUV | 525-13173 |
| HC06-35 | 35.0 | 7.0 | PEUV | 525-07353 |
| HC09-35 | 35.0 | 10.0 | PEUV | 525-10353 |
| HC12-35 | 35.0 | 13.0 | PEUV | 525-13353 |
| HC18-35 | 35.0 | 19.0 | PEUV | 525-19353 |
| HC09-52 | 52.0 | 10.0 | PEUV | 525-10523 |
| HC12-52 | 52.0 | 13.0 | PEUV | 525-13523 |
| HC18-52 | 52.0 | 19.0 | PEUV | 525-19523 |
| HC24-52 | 52.0 | 25.0 | PEUV | 525-25523 |
| HC12-70 | 70.0 | 13.0 | PEUV | 525-13703 |
| HC18-70 | 70.0 | 19.0 | PEUV | 525-19703 |
| HC24-70 | 70.0 | 25.0 | PEUV | 525-25703 |

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



Carrier marking system, laser printer

Helafix HCR Carriers continuous

| TYPE | Height (H) | Reel Length | Material | Article-No. |
|-------|------------|-------------|----------|-------------|
| HCR06 | 7.0 | 25 m | PEUV | 525-07003 |
| HCR09 | 10.0 | 25 m | PEUV | 525-10003 |
| HCR12 | 13.0 | 25 m | PEUV | 525-13003 |
| HCR18 | 19.0 | 25 m | PEUV | 525-19003 |
| HCR24 | 25.0 | 25 m | PEUV | 525-25003 |

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





Hook and loop ties

TEXTIE-Series

| TYPE | Width (W) | Length (L) | Bundle Ø max. | Material | Article-No. |
|------------|-----------|------------|---------------|------------|-------------|
| TEXTIE 5M | 12.5 | 5000.0 | - | PA66 PP | 130-00020 |
| TEXTIE 25M | 13.0 | 25000.0 | - | PA66 PP | 130-00022 |
| TEXTIE 1M | 13.0 | 1000.0 | 300.0 | PA66 PP | 130-00004 |
| | 13.0 | 1000.0 | 300.0 | PA66 PP | 130-00005 |
| | 13.0 | 1000.0 | 300.0 | PA66 PP | 130-00006 |
| | 13.0 | 1000.0 | 300.0 | PA66 PP | 130-00007 |
| | 13.0 | 1000.0 | 300.0 | PA66 PP | 130-00008 |

All dimensions in mm. Subject to technical changes.



Cable tie locked by glass fibre pin

KR-Series, endless

| TYPE | Width (W) | Length (L) | Material | Article-No. |
|--------|-----------|------------|----------|-------------|
| KR8/C5 | 11.7 | 38.0 | PA66HS | 121-58551 |
| | 11.7 | 38.0 | PA66W | 121-58560 |
| KR8/S1 | 8.0 | 50.0 m | PA66W | 121-98160 |
| | 8.0 | 50.0 m | PA66HS | 121-98151 |
| | 8.0 | 50.0 m | PA66 | 121-98119 |

All dimensions in mm. Subject to technical changes.



Endless cable ties with separate head and spacer

EL-TY-Series

| TYPE | Width (W) | Length (L) | Height (H) | Material | Article-No. |
|-------------------|-----------|------------|------------|----------|-------------|
| EL-TY (TELS1) | 12.7 | 15.2 m | - | POM | 111-30000 |
| EL-TY (TELSH) | 20.3 | 15.8 | 12.4 | POM | 111-31000 |
| EL-TY (TELS-SPK2) | 53.3 | 30.5 | 17.0 | PP | 111-32000 |

All dimensions in mm. Subject to technical changes.



Waste-free bundling up to Ø 100 mm

Autotool System ATS flex

| TYPE | Description | Weight | Material | Article-No. |
|----------|-----------------------------|----------|----------|-------------|
| ATS_flex | Autotool System ATS flex | 2.443 kg | MET | 102-60000 |

All dimensions in mm. Subject to technical changes.





Waste-free bundling up to Ø 100 mm

Cable ties for Autotool System ATS

| TYPE | Description | Bundle Ø max. | Material | Article-No. |
|-------------------------|----------------------|---------------|-------------|-------------|
| Closures_Natural_ATS | Closures Natural ATS | 100.0 | PA66HSUV | 102-66209 |
| Closures_Black_ATS | Closures Black ATS | 100.0 | PA66HSUV | 102-66210 |
| Strap_Natural_ATS | Strap Natural ATS | 100.0 | PA66HIRHSUV | 102-66109 |
| Strap_Black_ATS | Strap Black ATS | 100.0 | PA66HIRHSUV | 102-66110 |
| Power_pack_ATS_flex_24V | Power pack ATS flex | 100.0 | MET | 102-00150 |

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



Identification ties and plates for marking cable bundles

Arrowtag

| TYPE | Length (L) | Width (W) | Strap Width max. (G) | Material | Article-No. |
|------|------------|-----------|----------------------|----------|-------------|
| AT1 | 62.5 | 4.7 | 7.4 | PA66 | 151-41110 |
| | 62.5 | 4.7 | 7.4 | PA66 | 151-41119 |

All dimensions in mm. Subject to technical changes.



Hard tags with RFID transponder

HardLine – Ultra high frequency (UHF), bolt-on, blank

| TYPE | Ø (D) | Material | Article-No. |
|---------------------|-------|----------|-------------|
| RFID HARDTAG DISC | 50.0 | PPA | 556-00809 |
| RFID_HTAG_DISC_PA34 | 34.0 | PA6GF30 | 556-00861 |

All dimensions in mm. Subject to technical changes.

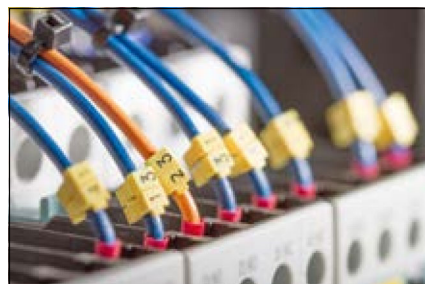


Pre-printed cable markers

WIC, snap on

| | Bundle Ø min. | Bundle Ø max. | Width (W) |
|------|---------------|---------------|-----------|
| WIC0 | 0.8 | 2.2 | 5.0 |
| WIC1 | 2.0 | 2.8 | 5.0 |
| WIC2 | 2.8 | 3.8 | 5.6 |
| WIC3 | 4.3 | 5.3 | 8.0 |

All dimensions in mm. Subject to technical changes.



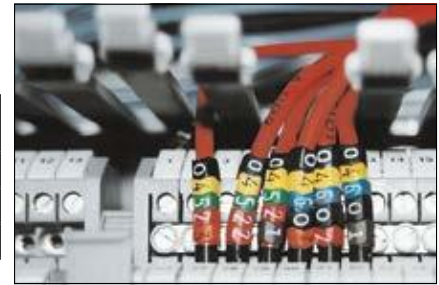


Pre-printed cable markers

Helagrip, slide on, chevron cut

| TYPE | Bundle Ø min. | Bundle Ø max. | Length (L) |
|---------|---------------|---------------|------------|
| HGDC1-3 | 1.0 | 3.0 | 3.5 |
| HGDC2-5 | 2.0 | 5.0 | 3.5 |
| HGDC4-9 | 4.0 | 9.0 | 5.0 |

All dimensions in mm. Subject to technical changes.



Carrier marking system, laser printer

Helafix HC Carriers

| TYPE | Length (L) | Height (H) | Material | Article-No. |
|---------|------------|------------|----------|-------------|
| HC06-17 | 17.5 | 7.0 | PEUV | 525-07173 |
| HC09-17 | 17.5 | 10.0 | PEUV | 525-10173 |
| HC12-17 | 17.5 | 13.0 | PEUV | 525-13173 |
| HC06-35 | 35.0 | 7.0 | PEUV | 525-07353 |
| HC09-35 | 35.0 | 10.0 | PEUV | 525-10353 |
| HC12-35 | 35.0 | 13.0 | PEUV | 525-13353 |
| HC18-35 | 35.0 | 19.0 | PEUV | 525-19353 |
| HC09-52 | 52.0 | 10.0 | PEUV | 525-10523 |
| HC12-52 | 52.0 | 13.0 | PEUV | 525-13523 |
| HC18-52 | 52.0 | 19.0 | PEUV | 525-19523 |
| HC24-52 | 52.0 | 25.0 | PEUV | 525-25523 |
| HC12-70 | 70.0 | 13.0 | PEUV | 525-13703 |
| HC18-70 | 70.0 | 19.0 | PEUV | 525-19703 |
| HC24-70 | 70.0 | 25.0 | PEUV | 525-25703 |

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



