



cimco

Cable ties

Fastening solutions for professionals



SICHER SEIT 1827.

Professional Quality, Made in Europe

Consistently reliable and well secured.
You can rest assured.

› Durability

We subject our range of cable ties to an extensive number of specific tests, so you can be sure they will not let you down. They undergo regular tests at extreme temperatures, dynamic load tests and flame retardance tests to ensure they will function correctly in such conditions – and to guarantee long-lasting product quality.



Temperature test

Checks that the product works correctly at minimal operating temperatures



Opening test

Checks the closure's stability via dynamic load tests



Resistance test

Measures the product's resistance to flame



Self-extinguishing test

Verifies that the product self-extinguishes within a specified time

› Certification

All our cable ties meet the requirements of EN 62275 and fulfil strict international certification standards. The raw materials that we use conform to RoHS and REACH standards, while the transparent packaging on our polyamide cable ties is fully recyclable.



Underwriters Laboratories Listed products

Product type 21/215/2/25, File E160935
(Guideline UL 62275, CSA-C22.2 No. 62275, IEC 62275, EN 62275)



RINA

Type Approval Certificate ELE325617CS
(Reference norm IEC 60092-101, UL 62275)



Underwriters laboratories recognized products

Product type 11, File E160935
(Guideline UL 62275, CSA-C22.2 No. 62275)



DNV

Type Approval Certificate n. TAE00003E9, TAE00003EA
(Reference norm IEC 62275 and UL 62275)



LLOYD'S Register

LR Type Approval Certificate n°LR2139366TA
(Reference norm UL 62275, EN 62275)



Bureau Veritas

Certificate of Type Approval n°09113/EO BV (Reference norm IEC 62275)

Easy to use, fastening that lasts

Cable ties are a standard fastening solution in today's electrical installations because they are so easy to use. CIMCO cable ties are made from halogen-free polyamide 6.6 and are available in natural, black or various other colours.

Special materials ensure:

- › UV stabilisation
- › Self-extinguishing
- › Acid-resistance
- › Localisation via metal detector
- › Resistant to high and low temperatures



High standards across the entire production chain:



From development and sourcing, to planning ...



... through to production and quality control.

Product variety

CIMCO boasts an extensive range of cable ties. From standard cable ties for almost any application in electrical installations, to self-cutting cable ties, through to cable ties for special applications, CIMCO always has the right fastening solution!



› CABLE TIES FOR HIGH DEMANDS

Thanks to their customised properties, these cable ties meet especially high demands in terms of detectability, UV protection or flame retardance, for example.



› CABLE TIES WITH STEEL TONGUE

Very robust and up to 60% stronger than standard cable ties



› CABLE TIES, RELEASABLE

Re-usable cable ties.



› PA 6.6 CABLE TIES

Standard cable ties, which are suitable for practically every application in electrical installations.



› CABLE TIES WITH LABELLING SURFACE

For individual markings, e.g. when cables are concealed.



› STEEL CABLE TIES

Cable ties made from stainless steel for extreme demands: resistant to corrosion, UV and temperature.



› ACCESSORIES FOR CABLE TIES

Versatile fastening solutions for screwing, plugging or sticking, as well as clamping and cutting tools.



- ✓ PA 6.6
- ✓ -40 to +85 °C
- ✓ UL 94 V-2

TOP SELLER



↳ Nylon cable ties – natural and black

Halogen-free, UV-stabilised (black). Self-extinguishing, flammability class UL 94 V-2, temperature resistance -40 °C to 85 °C. Certification: UL, RINA, DNV, LR, Bureau Veritas.

Width mm	Length mm	Cable harness ø mm	Minimal tensile strength N	PU	Item no. natural	Item no. black
2.5	75	2 – 16	80	100	18 1360	18 1860
	100	2 – 24		100	18 1361	18 1861
	135	2 – 35		100	18 1362	18 1862
	160	2 – 42		100	18 1402	18 1802
	200	2 – 55		100	18 1363	18 1863
3.5	140	3 – 36	150	100	18 1364	18 1864
	200	3 – 55		100	18 1404	18 1804
	280	3 – 80		100	18 1378	18 1878
	4.5	160		100	18 1365	18 1865
	180	3 – 45		100	18 1366	18 1866
4.5	200	3 – 51	220	100	18 1367	18 1867
	250	5 – 68		100	18 1379	18 1879
	280	5 – 76		100	18 1368	18 1868
	360	5 – 101		100	18 1369	18 1869
	380	5 – 110		100	18 1408	18 1808
7.5	180	5 – 44	460	100	18 1371	18 1871
	240	5 – 62		100	18 1372	18 1872
	280	5 – 76		100	18 1377	18 1877
	360	5 – 101		100	18 1373	18 1873
	450	20 – 130		100	18 1374	18 1874
9.0	540	20 – 160	680	100	18 1375	18 1875
	750	32 – 222		100	18 1376	18 1876
	780	20 – 235		100	18 1390	18 1890
	920	40 – 280		100	18 1391	18 1891
	1220	50 – 375		100	18 1394	18 1894
12.5	500	10 – 140	980	50	18 1392	18 1892
	750	40 – 222		50	18 1393	18 1893
	1000	40 – 300		50	18 1395	18 1895

↳ Nylon cable ties – coloured

Halogen and silicone-free. Self-extinguishing, flammability class UL 94 V-2, temperature resistance -40 °C to 85 °C. Certification: UL, RINA, DNV, LR, Bureau Veritas.

Width mm	Length mm	Cable harness ø mm	Minimal tensile strength N	PU	Item no.
red (RAL 3000)					
2.5	100	2 – 24	80	100	18 1450
3.5	140	3 – 36	150	100	18 1452
4.5	200	3 – 51	220	100	18 1454
4.5	280	5 – 76	220	100	18 1456
blue (RAL 5002)					
2.5	100	2 – 24	80	100	18 1460
3.5	140	3 – 36	150	100	18 1462
4.5	200	3 – 51	220	100	18 1464
4.5	280	5 – 76	220	100	18 1466
green (RAL 6024)					
2.5	100	2 – 24	80	100	18 1470
3.5	140	3 – 36	150	100	18 1472
4.5	200	3 – 51	220	100	18 1474
4.5	280	5 – 76	220	100	18 1476
yellow (RAL 1021)					
2.5	100	2 – 24	80	100	18 1480
3.5	140	3 – 36	150	100	18 1482
4.5	200	3 – 51	220	100	18 1484
4.5	280	5 – 76	220	100	18 1486



- ✓ PA 6.6
- ✓ -40 to +85 °C
- ✓ UL 94 V-2



Additional colours available upon request.



- ✓ PA 6.6
- ✓ -40 to +85 °C
- ✓ UL 94 V-2

↳ Cable ties – UV-resistant

UV-resistant cable ties made from PA 6.6 with a service life up to ten times longer than standard cable ties. Made exclusively from UV-resistant black granules. Cold-resistant to -40 °C. Ideal for use outdoors, e.g. when installing solar panels. Self-extinguishing, flammability class: UL 94 V-2.

Width mm	Length mm	Cable harness ø mm	Minimal tensile strength N	PU	Item no.
3.5	140	3 – 36	150	100	18 1720
4.5	200	3 – 51	220	100	18 1722
4.5	280	5 – 76	220	100	18 1723
4.5	360	5 – 101	220	100	18 1724
7.5	360	5 – 101	460	100	18 1726



- ✓ PA 6.6
- ✓ -20 to +80 °C
- ✓ UL 94 V-0

↳ Cable ties – flame-resistant

Flammability class UL 94 V-0. Meets especially high demands in terms of flame retardance: the material must not burn longer than 10 seconds nor ignite combustible materials underneath it. Halogen-free, temperature resistance -20 °C to +80 °C. Minimum installation temperature 0 °C. Colour: milk white.

Width mm	Length mm	Cable harness ø mm	Minimal tensile strength N	PU	Item no.
3.5	140	3 – 36	140	100	18 1728
4.5	280	5 – 76	175	100	18 1731
4.5	360	5 – 101	175	100	18 1732
7.5	360	5 – 101	430	100	18 1734



- ✓ PA 6.6
- ✓ -40 to +105 °C
- ✓ UL 94 V-2

↳ Cable ties – temperature-resistant

Permanently resistant to temperatures of up to +105 °C thanks to special additives in the raw material. Halogen-free. Self-extinguishing, flammability class: UL 94 V-2. Temperature resistance: -40 °C to +105 °C. Colour: pale green.

Width mm	Length mm	Cable harness ø mm	Minimal tensile strength N	PU	Item no.
3.5	140	3 – 36	150	100	18 1710
4.5	200	3 – 51	220	100	18 1712
4.5	280	5 – 76	220	100	18 1713
4.5	360	5 – 101	220	100	18 1714
7.5	360	5 – 101	460	100	18 1716



- ✓ PA 6.6
- ✓ -25 to +65 °C
- ✓ UL 94 HB

↳ Cable ties – detectable

Detectable thanks to added metal chips. Metal detectors or X-ray machines can detect even the tiniest fragments! Self-extinguishing according to UL 94 HB. Temperature resistance: -25 °C to +65 °C, colour: blue.

Width mm	Length mm	Cable harness ø mm	Minimal tensile strength N	PU	Item no.
2.5	100	2 – 24	80	100	18 1750
3.5	140	3 – 36	160	100	18 1752
4.5	200	3 – 51	200	100	18 1754
4.5	280	5 – 76	200	100	18 1756
4.5	380	5 – 110	200	100	18 1758
7.5	360	5 – 101	500	100	18 1760



- ✓ ETFE
- ✓ -60 to +170 °C
- ✓ UL 94 V-0

↳ Cable ties – Tefzel®

All-purpose cable ties made from ETFE fluoropolymer, locking lug made from type 316 stainless steel. Operating temperature: -60 °C to +170 °C. Silicon-free, highly resistant to most solvents, chemicals, acids, alkalis, oils and greases. Resistant to radioactivity, suitable for use in nuclear power plants and medical technology. Self-extinguishing, flammability class UL 94 V-0. Colour: aquamarine.

Width mm	Length mm	Cable harness ø mm	Minimal tensile strength N	PU	Item no.
4.5	186	3 – 48	220	100	18 1487
4.5	360	3 – 102	220	100	18 1488
7.0	338	6 – 95	540	100	18 1489



- ✓ PA 6.6
- ✓ -15 to +75 °C
- ✓ UL 94 V-2

↳ Cable ties – releasable

Can be released after use. Extra long unlocking tongue means the cable tie can be opened easily, without the need for tools. Ideal for provisional work and where retroactive modifications need to be made. Can be re-used multiple times. Halogen-free. Self-extinguishing, flammability class: UL 94 V-2. Temperature resistance: -15 °C to +75 °C. Certification: RINA, DNV, LR, Bureau Veritas.

Width mm	Length mm	Cable harness ø mm	Minimal tensile strength N	PU	Item no. natural	Item no. black
7.5	200	up to 10 – 50	280	100	18 1490	18 1495
7.5	280	up to 10 – 76	280	100	18 1491	18 1496
7.5	360	up to 10 – 100	280	100	18 1492	18 1497



- ✓ PA 6.6
- ✓ -40 to +85 °C
- ✓ UL 94 V-2

↳ Cable ties with labelling surface

With labelling plate positioned horizontally or vertically. For individual markings, e.g. when cables are concealed. Self-extinguishing, flammability class: UL 94 V-2. Temperature resistance: -40 °C to +85 °C. Colour: natural. Certification: RINA, DNV, LR, Bureau Veritas.

Width mm	Length mm	Cable harness ø mm	Minimal tensile strength N	Large labelling surface mm x mm	PU	Item no.
2.5	100	10 – 25	90	25 x 8	100	18 1420
2.5	200	10 – 50	90	25 x 8	100	18 1422
4.8	200	16 – 55	220	13 x 37	100	18 1424
4.8	290	16 – 80	220	13 x 37	100	18 1426



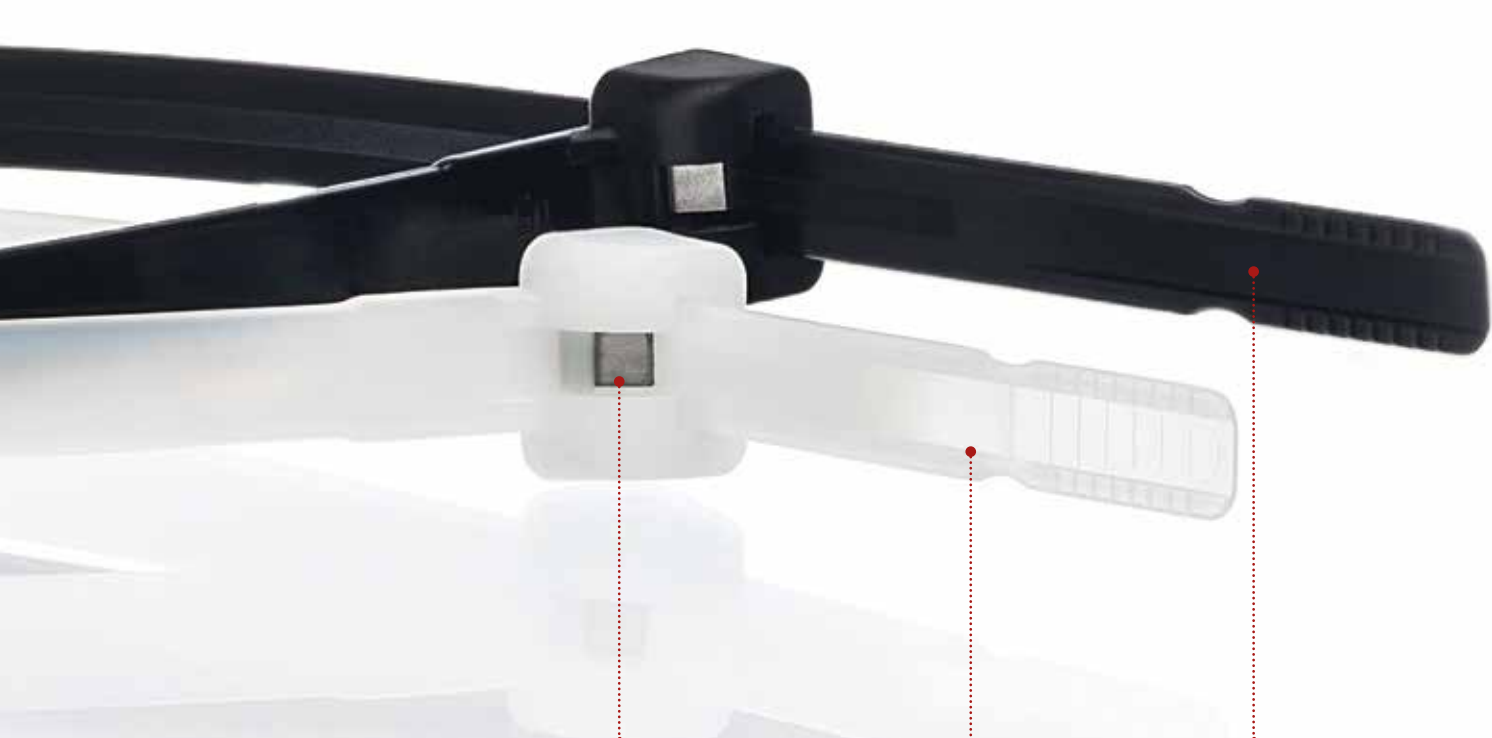
- ✓ PA 6.6
- ✓ -40 to +85 °C
- ✓ UL 94 V-2

↳ Plug-in cable ties

With expansion anchor head for fast and secure mounting in drill holes (5 mm ø), clamping range up to 3 mm, especially suited for use in vehicle and engine construction, as well as the aerospace industry. Halogen-free. Self-extinguishing, flammability class: UL 94 V-2. Temperature resistance: -40 °C to +85 °C. Colour: black. Certification: RINA, DNV, LR, Bureau Veritas.

Width mm	Length mm	Cable harness ø mm	Minimal tensile strength N	PU	Item no.
3.5	150	4 – 32	150	100	18 1850





POWERFUL

Cable ties with a stainless steel tongue are up to 60% stronger than standard cable ties.

+ 60%

ROBUST

The tongue made from austenitic stainless steel provides good strength and slots securely into any position on the cable tie.

Maximum resistance against opening!

FLEXIBLE

Notches positioned in the centre mean the cable ties are very flexible, while also providing maximum retention force.

Maximum flexibility and strength combined!

ERGONOMIC

Indentations on both sides and a specially shaped strap make insertion noticeably easier.

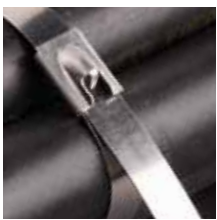
Less force required for fast and accurate working!

→ Cable ties with steel tongue

For increased strength. Halogen-free, UV-stabilised (black). Metal tongue made from V4A stainless steel, anti-magnetic and resistant to corrosion. Self-extinguishing, flammability class UL 94 V-2, temperature resistance -40 °C to 85 °C. Certification: UL, RINA, DNV, LR, Bureau Veritas.

Width mm	Length mm	Cable harness ø mm	Minimal tensile strength N	PU	Item no. natural	Item no. black
2.5	100	2 – 24	130	100	18 1338	18 1738
	200	2 – 55		100	18 1336	18 1736
3.5	140	2 – 36	180	100	18 1339	18 1739
	200	2 – 55		100	18 1340	18 1740
	280	2 – 80		100	18 1341	18 1741
	360	3 – 101		100	18 1342	18 1742
4.5	186	3 – 51	360	100	18 1343	18 1743
	290	3 – 80		100	18 1344	18 1744
	360	3 – 103		100	18 1345	18 1745
7.5	360	6 – 101	530	50	18 1347	18 1747
For large cable harness diameters						
7.0	762	6 – 229	540	50	18 1348	18 1748

- ✓ PA 6.6
- ✓ -40 to +85 °C
- ✓ UL 94 V-2



- ✓ Stainless steel
- ✓ -40 to +30 °C
- ✓ UL 94 V-2



- ✓ Stainless steel
- ✓ -25 to +65 °C
- ✓ UL 94 HB



→ Steel cable ties

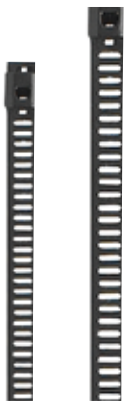
For extreme demands in machine and vehicle construction, signalling systems, shipbuilding, mining, the food and chemical industries, power plants, subways, buildings, switch cabinets, on oil rigs etc. Cable ties with UL approval (temperature resistance -40 °C to +30 °C, natural). Made from AISI 316 stainless steel (DIN 1.4401), with ball lock. Resistant to corrosion and radiation, anti-magnetic. Extremely resistant to aggressive chemicals. Steel thickness 0.26 mm (width 4.6/7.9 mm) or 0.32 mm (width 12 mm). Additional features in the black version: coated with polyester, UV-stabilised and halogen-free. Temperature resistance: -80 °C to +538 °C (natural) or -80 °C to +538/150 °C (black, steel/polyester).

Width mm	Length mm	Max. cable harness - ø mm	Minimal tensile strength N	PU	Item no. uncoated	Item no. coated black
4.6	100	20	550	100	18 6000	18 6100
	125	27		100	18 6001	18 6101
	150	44		100	18 6002	18 6102
	200	50		100	18 6003	18 6103
	290	75		100	18 6004	18 6104
	360	102		100	18 6005	18 6105
	520	152		25	18 6006	18 6106
7.9	200	50	1200	100	18 6010	18 6110
	290	75		100	18 6011	18 6111
	360	102		100	18 6012	18 6112
	520	152		25	18 6013	18 6113
	680	203		50	18 6014	18 6114
	840	254		25	18 6015	18 6115
	1000	318		25	18 6016	18 6116
12.0	290	75	2200	25	18 6020	18 6120
	360	102		25	18 6021	18 6121
	520	152		25	18 6022	18 6122
	680	203		25	18 6023	18 6123
	840	254		25	18 6024	18 6124
	1000	318		25	18 6025	18 6125

→ SLE steel cable ties

Made from AISI 316 stainless steel (DIN 1.4401) in a ladder format, coated with polyester. Secure closure using a hole matrix. Resistant to corrosion and radiation, anti-magnetic, UV-stabilised and halogen-free. Extremely resistant to aggressive chemicals. Steel thickness 0.30 mm (width 7 mm) or 0.35 mm (width 12 mm). Temperature resistance -80 °C to +538/150 °C. Colour: black, coated. Certification: UL, DNV, LR.

Width mm	Length mm	Cable harness ø mm	Minimal tensile strength N	PU	Item no.
7.0	150	45	445	100	18 6130
7.0	225	70	445	100	18 6132
7.0	300	95	445	100	18 6134
7.0	360	105	445	100	18 6136
7.0	450	140	445	50	18 6138
7.0	610	190	445	50	18 6140
12.0	200	50	890	100	18 6142
12.0	360	100	890	100	18 6144
12.0	450	135	890	50	18 6146
12.0	610	185	890	50	18 6148
12.0	750	230	890	25	18 6150



→ Cable ties – printed as per customer requirements

Custom printed in a variety of printing colours. For special marking, registration and labelling of cables, equipment and many other components, including for closure and tamper-proof sealing. For cable ties of any length at least 4.5 mm wide and 1 mm thick. Minimum order quantities must be borne in mind. We would be happy to advise you on technical details and answer your questions about processing (delivery times, pricing, etc.).

Cable tie tools

with clamping and cutting function

Item no.
10 1930



Clamping force
shown in the display
window.

↳ Cable clamping and cutting tool

- Ergonomic, pistol-type tool
- For cable ties made from PA 6.6
- For cable tie widths of 2.2 mm to 4.8 mm.
- Clamping force adjustable via rotating wheel up to max. 12 kg
- Value readable via display window
- Built-in automatic cutting tool, cut performed automatically when clamping ends.
- With clamping and cutting function.
- Dimensions: L 155 x W 125 x H 20 mm
- Weight 310 g

Item no.
10 1931



↳ HEAVY DUTY cable clamping and cutting tool

- Robust tool made from steel plate
- For cable ties made from PA 6.6
- Suitable for cable tie widths up to 12.5 mm
- With integrated, manual cutting function via extra handle
- With clamping and cutting function.
- Dimensions: L 195 x W 100 x H 25 mm
- Weight 260 g

Item no.
10 1935



↳ Clamping tool made from steel

- Robust tool made from steel plate
- For stainless steel cable ties
- Suitable for cable tie widths up to 12 mm
- With integrated, manual cutting function via extra lever
- With clamping and cutting function.
- Dimensions: L 210 x W 120 x H 40 mm
- Weight 570 g.



FIRE BEHAVIOUR ACCORDING TO UL 94

The fire behaviour of cable ties is classified according to the UL 94 V flammability classes (vertical test). While class V-2 permits a maximum burning time of 30 seconds and allows the dripping of burning specimens, the highest class of cable tie V-0 must have a maximum burning time of 10 seconds. The dripping of burning specimens is not allowed in this class. Class UL 94 HB (horizontal test) is a requirement below the level of UL 94 V. In this case, the material burns slowly and must have extinguished within a certain time. These cable ties are classed as self-extinguishing.

Test criteria (extract from UL 94 V)	UL 94 V-0	UL 94 V-1	UL 94 V-2
Burning time after flame application (s)	≤10	≤30	≤30
Burning time + after-glow time after flame application (s)	≤30	≤60	≤60
Dripping of burning test specimen	No	No	Yes

CIMCO "FLAME-RESISTANT" cable ties are class V-0 and therefore meet the highest demands laid down by UL 94 V!

Accessories

↳ Mounting dowels for cable ties

Journal mount made from PA 6.6 nylon for drill holes in the wall, Ø 6 or 8 mm. Halogen and silicone-free. For cable ties up to 9 mm in width. Self-extinguishing, flammability class UL 94 HB. Temperature resistance -40 °C to +85 °C. Colour: black

Head width mm	Head length mm	Head height mm	Length mm	Drill hole	PU	Item no.
14.5	11.0	6.3	36.0	6.0	100	18 1762
14.5	11.0	6.3	41.0	8.0	100	18 1764



↳ Wall dowel cable tie holder

Cable tie holder made from PA 6.6 nylon for drill holes in the wall, Ø 8 mm, screw-on head. Halogen and silicone-free. For cable ties up to 9 mm in width. Self-extinguishing, flammability class UL 94 HB. Temperature resistance -40 °C to +85 °C. Colour: black.

Size mm	PU	Item no.
10 x 13	1	18 1386



↳ Cable clips

Clip mount for cable ties made from PA 6.6 nylon, self-adhesive. Suitable for smooth, hard surfaces. Halogen and silicone-free. For cable ties up to 9 mm in width. Self-extinguishing, flammability class: UL 94 V-2. Temperature resistance: -40 °C to +85 °C. Colour: natural.

Length mm	Width mm	Height mm	Max. cable ø mm	PU	Item no.
19	19	8	5	100	18 1381
26	26	12	10	100	18 1383
26	26	17	15	100	18 1385



↳ Fastening element for screwing or sticking

Screw-on mount made from PA 6.6 nylon, with screw fastening. Halogen and silicone-free. Self-extinguishing, flammability class: UL 94 V-2. Temperature resistance: -40 °C to +85 °C.

Version	Dimensions mm	For cable ties up to max. width mm	For screw up to ø mm	PU	Item no.
natural	20 x 10	5.3	4	100	18 1380
natural	30 x 15	9.4	4	100	18 1389



18 1380



18 1389

Stick-on mount made from PA 6.6 nylon, self-adhesive. Suitable for smooth, hard surfaces. Halogen and silicone-free. Self-extinguishing, flammability class: UL 94 V-2. Temperature resistance: -40 °C to +85 °C. Also suitable for screwing on.

Version	Dimensions mm	For cable ties up to max. width mm	For screw up to ø mm	PU	Item no.
natural	19 x 19	4.3	4	100	18 1382
black	19 x 19	4.3	4	100	18 1882
natural	27 x 27	5.5	4	100	18 1384
black	27 x 27	5.5	4	100	18 1884





- ✓ PA 6.6
- ✓ -40 to +85 °C
- ✓ UL 94 V-2

↳ Clip-in cable tie with fixing clip

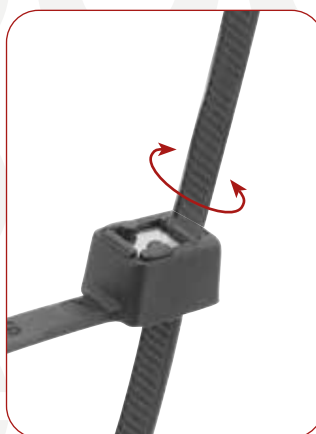
Clamping range 1 – 3 mm, cable ties can be used laterally or longitudinally in the clip, material: PA 6.6, UV-stabilised, can be used at 90° offset, weather-resistant with flexible application, quick, tool-free fastening, no damage to cables on sharp edges

Width mm	Length mm	Cable harness ø mm	Colour	PU	Item no.
4,6	200	4 – 45	black	100	18 1825



FOR TOOL-FREE TRIMMING

Polyamide 6.6 cable ties for tying loose cables. Cable ties are easy to trim by simply twisting against the integrated metal blade. No cutting tool required.



- ✓ PA 6.6
- ✓ -40 to +85 °C
- ✓ UL 94 V-2

↳ TWIST + CUT cable ties

For tool-free trimming, self-cutting, clean edge, no risk of injury, self-extinguishing, flammability class UL94 V-2, temperature resistance -40 °C to 85 °C

Width mm	Length mm	Cable harness ø mm	Minimal tensile strength N	PU	Item no. natural	Item no. black
4,2	200	5 – 51	230	100	18 1813	18 1811
4,2	280	5 – 76	230	100	18 1814	18 1812

NEW



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