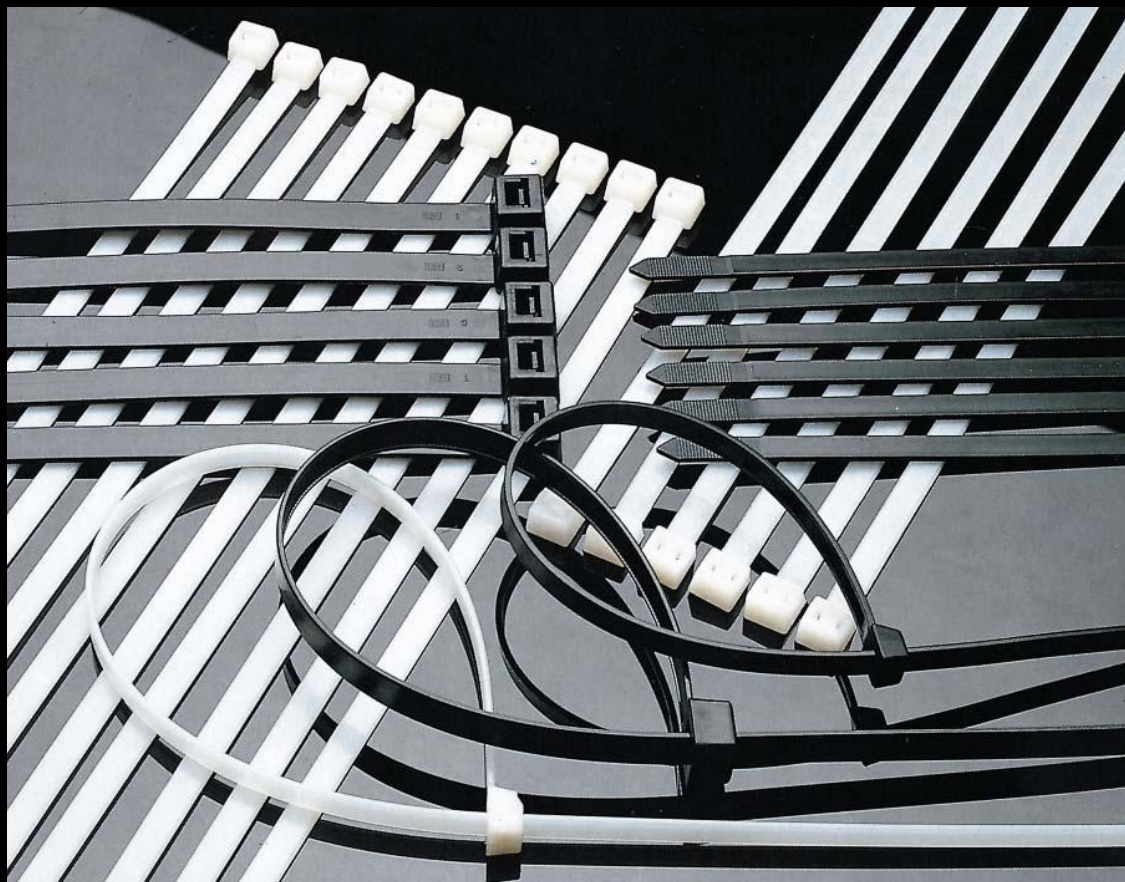


Cable connection technology

Cable ties, processing tools,
adhesive and screw-type sockets, mounting plugs,
shrinkable tubes, spiral tubes



Product line cable ties

HAUPA cable ties are characterised by their tightness, high tensile strength of the loop and extreme flexibility of the cord. As a result of these characteristics, HAUPA cable ties are able to cope with even the most extreme installation practices, which conventional cable ties would not be able to cope with. All HAUPA cable ties conform to WEEE/RoHS guidelines.

The cable ties product range includes:

- **cable ties**
colour: natural/black
- **cable ties**
colour: black (UV-resistant)
- **releasable ties**
colour: black
- **double-locking cable ties**
colour: black
- **cable ties with fixing eye**
colour: natural
- **cable ties with label**
colour: natural
- **hook and loop ties**
colour: black, green

Accessories:

- **adhesive base, screw base, plug mount base**

Ideal storage conditions for cable ties made from nylon

Cable ties are made from high-quality nylon. This technical plastic is usually processed through injection moulding, but it can also be extruded.

Nylon is a hygroscopic plastic that absorbs water and can release it. In order to process the ties optimally, it is important that the material is in a balanced state with a water content of approx. 2.5%. The original HAUPA cable tie packaging provides constant water content in the material.

The cable ties should be stored as follows:



Storage in a closed plastic bag made from polyethylene



No direct sunlight



Storage without direct exposure to heat (radiator etc.)



Ideal storage temperature (standard Central European climatic conditions) up to 23° with 50% humidity

INFO

Cable ties

All HAUPA cable ties are made from plastic and are recyclable. The internal toothing of the ties gives you the necessary strength to tie the material. The cable ties can be simply used by hand or with a HAUPA cable tie tool. The slightly bent end allows the tie to be inserted into the head easily.

Use: For bundling and fastening cables, wires and tubes. NH (non-halogen) - RoHS conform

Cable ties

material: nylon, colour natural, quick and simple to fix by hand or with tensioning tools, extremely resistant to sea water, oil, grease, etc., manufactured in accordance with UL and MIL specification requirements, - 40° C bis 85° C



Art. no.	TL	width	1	2	kg/100	PU	PE
262500	96	2,5	23	8	0,030	100	100
262502	100	2,5	25	8	0,030	100	100
262504	142	2,5	35	8	0,050	100	100
262506	203	2,5	55	8	0,070	100	100
262508	142	3,2	35	18	0,070	100	100
262510	292	3,6	85	18	0,158	100	100
262512	190	4,8	52	22	0,147	100	100
262516	203	4,6	55	22	0,145	100	100
262518	250	4,8	74	22	0,203	100	100
262520	310	4,8	89	22	0,228	100	100
262522	368	4,8	102	22	0,274	100	100
262528	203	7,6	55	55	0,296	100	100
262530	280	7,6	78	55	0,409	100	100
262532	380	7,6	110	55	0,555	100	100
262536	450	8,0	133	80	0,754	50	100
262538	610	9,0	185	80	1,000	50	100
262540	812	9,0	246	80	1,000	20	100
262542	914	9,0	270	80	1,000	50	100
262546	550	12,7	166	114	1,000	50	100

Cable ties

material: nylon - colour black, all other data and properties like No. 26 25 00 - 46, weather- and UV-resistant



Art. no.	TL	width	1	2	kg/100	PU	PE
262600	96	2,5	23	8	0,029	100	100
262602	100	2,5	25	8	0,030	100	100
262604	142	2,5	35	8	0,051	100	100
262606	203	2,5	55	8	0,067	100	100
262608	142	3,2	35	18	0,072	100	100
262610	292	3,6	85	18	0,158	100	100
262616	203	4,6	52	22	0,152	100	100
262618	250	4,8	74	22	0,200	100	100
262620	310	4,8	89	22	0,243	100	100
262622	368	4,8	102	22	0,275	100	100
262628	203	7,6	55	55	0,297	100	100
262630	280	7,6	78	55	0,389	100	100
262632	380	7,6	110	55	0,550	100	100
262636	450	8,0	133	80	0,800	50	100
262638	610	9,0	185	80	1,000	50	100
262640	812	9,0	246	80	1,000	20	100
262642	914	9,0	270	80	1,000	50	100
262646	550	12,7	166	114	1,000	50	100

kg/100	Weight in kg/100
l	Length
TL	Total length
CSS	Conductor cross section

IN	Identification number
B	Flange width
c	Flange length
c1	Flange length1

c2	Flange length2
A	Sleeve length
M	Thread metric
plug	Connector gauge

d1	Internal diameter
d4	External diameter
d2	Hole diameter
E	Length to middle of hole

v1	Slim pressing
v2	Wide pressing
s	Material thickness
Pr/PU	Pricing/Packing unit

Cable ties

Cable ties

material: polyamide 6,6 - colour natural, resistant to mildew and rotting, extremely resistant to sea water, oil, grease, hydrocarbons and hydraulic fluids, operating temperature: -40° to +85° C, these binders meet the requirements of the military specification Mil.-Spec. 23 190C (WEP) MS-3367, UL 94 V2



Art. no.	TL	width	†	□	kg/100	PU	PE
262100	100	2,5	23	8	0,030	100	100
262101	203	3,6	55	18	0,115	100	100
262102	142	3,2	35	18	0,071	100	100
262106	203	4,6	55	22	0,150	100	100
262108	310	4,8	89	22	0,225	100	100
262110	368	4,8	102	22	0,266	100	100
262114	380	7,6	110	55	0,560	50	100
262116	550	12,7	166	114	1,000	50	100

Cable ties

material: polyamide 6,6 - colour black, all other data and properties like No. 26 21 00 - 16, resistant to sea water, oil, grease, etc., not UV-resistant



Art. no.	TL	width	†	□	kg/100	PU	PE
262120	100	2,5	25	8	0,032	100	100
262122	142	3,2	35	18	0,071	100	100
262124	203	3,6	55	18	0,116	100	100
262126	203	4,6	55	22	0,145	100	100
262128	310	4,8	89	22	0,248	100	100
262130	368	4,8	102	22	0,269	100	100
262132	280	7,6	78	55	0,400	100	100
262134	380	7,6	110	55	0,582	50	100
262136	550	12,7	166	114	1,000	50	100

Cable ties

material: nylon - colour natural, all other data and properties like No. 26 25 00 - 46, big packing unit 1000 pcs.



Art. no.	TL	width	†	□	kg/100	PU	PE
262501	96	2,5	23	8	0,030	1000	100
262503	100	2,5	25	8	0,030	1000	100
262505	142	2,5	35	8	0,050	1000	100
262507	203	2,5	55	8	0,070	1000	100
262509	142	3,2	35	18	0,070	1000	100
262511	292	3,6	85	18	0,158	1000	100
262513	190	4,8	52	22	0,147	1000	100
262517	203	4,6	55	22	0,145	1000	100

Cable ties

material: nylon - colour black all other data and properties like No. 26 26 00 - 46, big packing unit 1000 pcs.



Art. no.	TL	width	†	□	kg/100	PU	PE
262601	96	2,5	23	8	0,029	1000	100
262609	142	3,2	35	18	0,072	1000	100

Releasable cable ties

for temporary wiring and sub-assembly, material: polyamide 6,6 - colour black, operation temperature: -40° to +85° C



Art. no.	TL	width	†	□	kg/100	PU	PE
262140	150	7,6	35	22	0,150	100	100
262142	200	7,6	50	22	0,200	100	100
262144	300	7,6	80	22	0,200	100	100

Double-locking cable ties

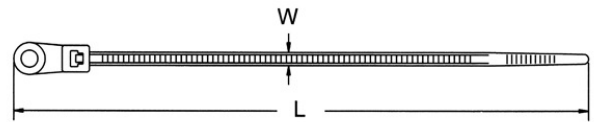
material: nylon - colour black, (26 27 10 Nylon 12)



Art. no.	TL	width	†	□	kg/100	PU	PE
262700	180	9,0	45	55	0,500	100	100
262702	300	9,0	88	55	0,600	100	100
262704	360	9,0	100	55	0,500	100	100
262710	300	9,0	88	55	0,800	100	100

Cable ties with fixing eye

material: nylon, colour natural, quick and simple to fix by hand or with tensioning tools, extremely resistant to sea water, oil, grease, etc., manufactured in accordance with UL and MIL specification requirements, - 40° C bis 85° C

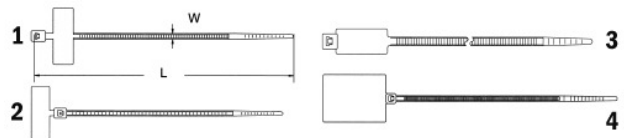


Art. no.	TL	width	†	□	kg/100	PU	PE
262820	100	2,5	25	8	0,200	100	100
262822	170	3,7	40	18	0,200	100	100
262824	170	3,7	40	18	0,200	100	100
262826	205	4,2	60	22	0,200	100	100
262828	300	4,8	85	22	0,200	100	100
262830	300	7,8	80	55	0,200	100	100
262832	370	4,8	102	22	0,200	100	100
262834	398	7,9	122	55	0,200	100	100

Cable ties with marking space

These cable ties are suitable for simple labelling and simultaneous bundling of cable loops. This saves one work step. Material: nylon, colour natural, can be fastened quickly and easily using a tool or by hand. Extremely resistant to sea water, oil, fats etc, manufactured according to UL gema tested nylon. Technical data: material polyamide 6.6 (N66), operating temperature -40 to +85 C.

Group features: HF (non-halogen), RoHS-conform



Art. no.	TL	width	label	†	□	kg/100	PU	PE
262840	100	2,5	25 x 8	25	8	0,200	100	100
262842	130	2,5	28 x 20	25	8	0,200	100	100
262844	110	2,5	25 x 8	25	8	0,200	100	100
262846	200	4,6	28 x 13	50	22	0,200	100	100
262848	200	2,5	30 x 15	50	8	0,200	100	100
262850	270	4,6	28 x 13	75	22	0,200	100	100

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Cable ties, accessories

Tensioning tools for cable ties

Prevents overstretching and constriction by continuously adjustable stress limitation. The built-in knife will cut only, when the requested tension has been reached



Art. no.	width	material	kg	PU	PE
262151	2,5-5	plastic	0,245	1	
262152	2,5-5	metal	0,335	1	
262154	2,5-13	metal	0,363	1	
262158	2,5-10	metal	0,267	3	

Hook-and-loop cable ties

made from extruded polyamide-velour laminate, thickness approx. 1.4 mm, self-adhesive back to back, suitable for approx. 200 uses. Colours: black and green Hook-and-loop cable ties with loop, cut to binder measurements for all standard electrical installations



pieces

Art. no.	TL	width	kg/100	PU	PE
262750	125	black	0,500	20	100
262752	135	black	0,500	20	100
262754	180	black	0,500	20	100
262756	210	black	0,500	20	100
262758	310	black	0,500	20	100
262760	125	green	0,500	20	100
262762	135	green	0,500	20	100
262764	180	green	0,500	20	100
262766	210	green	0,500	20	100
262768	310	green	0,500	20	100

coil

Art. no.	TL	width	kg/100	PU	PE
262782	10000	black	30,000	1	1



Self adhesive sockets

for cable ties and a quick and reliable fastening of line or cable bundles and other objects



Art. no.	TL	width	TL	kg/100	PU	PE
262160	19	natural	19	0,080	100	100
262161	19	black	19	0,078	100	100
262162	28	natural	28	0,177	100	100
262163	28	black	28	0,195	100	100

Screw type sockets

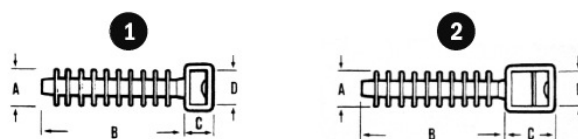
for cable ties and a quick and reliable fastening of large diam. Cable bundles and other objects, not UV-resistant



Art. no.	TL	width	TL	kg/100	PU	PE
262164	1,5	natural	1	0,120	100	100
262165	1,5	black	1	0,120	100	100

Dowel Mounting sockets/Christmas trees

for cable ties up to a width of 9 mm, 2 types with different wall-distances, available wall-fixing avoid the friction of the cable on the wall, black colour



Art. no.	TL	width	C	D	kg/100	PU	PE
262170	37	10	6,5	9,2	0,210	100	100
262172	37	10	6,5	9,2	0,276	100	100

kg/100 Weight in kg/100
l Length
TL Total length
CSS Conductor cross section

IN Identification number
B Flange width
c Flange length
c1 Flange length1

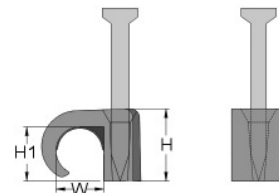
c2 Flange length2
A Sleeve length
M Thread metric
plug Connector gauge

d1 Internal diameter
d4 External diameter
d2 Hole diameter
E Length to middle of hole

v1 Slim pressing
v2 Wide pressing
s Material thickness
PrU/PU Pricing/Packing unit

Nailing clips for round cable

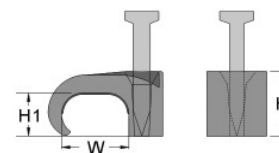
for attaching and fixing electrical cables, optimum claw shape for secure fixing of the cable, can be fixed to the cable, version with inserted galvanised nail, material: hammer-proof polyethylene (PE), halogen-free, temperature resistant: - 40 °C to + 80 °C, and for short periods up to approximately 100 °C.



Art. no.	colour	Ø	H	H1	W	NL	ND	kg/100	PU
262200	transparent	2-3	4,3	2,8	2,8	19	1,65	0,030	100
262202	transparent	3-5	5,6	3,7	2,9	15	2,0	0,038	100
262204	pure white	3-5	5,6	3,7	2,9	15	2,0	0,038	100
262206	black	5-7	8,0	6,0	5,3	20	2,0	0,102	100
262208	transparent	5-7	8,0	6,0	5,3	20	2,0	0,102	100
262210	pure white	5-7	8,0	6,0	5,3	20	2,0	0,102	100
262212	black	7-10	9,5	7,1	6,8	25	2,0	0,092	100
262214	brown	7-10	9,5	7,1	6,8	25	2,0	0,092	100
262216	red	7-10	9,5	7,1	6,8	25	2,0	0,092	100
262218	pure white	7-10	9,5	7,1	6,8	25	2,0	0,092	100
262220	black	10-14	13,0	10,3	9,4	35	2,0	0,102	100
262222	pure white	10-14	13,0	10,3	9,4	35	2,0	0,102	100
262224	black	14-20	17,1	13,7	13,1	40	2,5	0,102	50
262226	pure white	14-20	17,1	13,7	13,1	40	2,5	0,102	50
262228	black	18-22	19,5	17,0	16,4	38	3,2	0,101	50
262230	pure white	18-22	19,5	17,0	16,4	38	3,2	0,101	50
262232	black	22-26	21,0	19,5	24,0	38	3,2	0,095	50
262234	pure white	22-26	21,0	19,5	24,0	38	3,2	0,095	50

Nailing clips for flat cable

for attaching and fixing electrical cables, optimum claw shape for secure fixing of the cable, can be fixed to the cable, version with inserted galvanised nail, material: hammer-proof polyethylene (PE), halogen-free, temperature resistant: - 40 °C to + 80 °C, and for short periods up to approximately 100 °C.



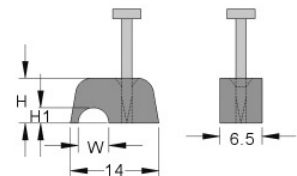
Art. nr.	colour	Ø	H	H1	W	NL	N-Ø	kg/100	PU
262236	transparent	2-4	4,0	2,0	4,0	15	2,0	0,033	100
262238	transparent	3-5	5,2	3,3	4,6	15	2,0	0,039	100
262240	transparent	4-6	5,9	3,8	5,8	15	2,0	0,046	100
262242	light grey	5-8	7,5	4,9	7,9	25	2,0	0,107	100
262243	pure white	5-8	7,5	4,9	7,9	25	2,0	0,107	100
262244	light grey	6-10	8,2	5,8	9,8	25	2,0	0,120	100
262245	pure white	6-10	8,2	5,8	9,8	25	2,0	0,120	100
262246	light grey	7-14	9,3	6,5	11,8	25	2,0	0,104	100
262247	pure white	7-14	9,3	6,5	11,8	25	2,0	0,104	100
262248	light grey	9-18	12,2	9,4	16,7	22	2,5	0,121	100
262249	pure white	9-18	12,2	9,4	16,7	22	2,5	0,121	100

NL = nail length
 ND = nail diameter
 H = height
 H1 = height 1
 W = width (opening)

Nailing clips

Nailing clips for round cable

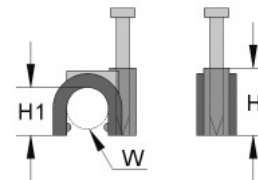
for attaching and fixing electrical cables, version with inserted galvanised nail, material: hammer-proof polyethylene (PE), halogen-free, temperature resistant: - 40 °C to + 80 °C, and for short periods up to approximately 100 °C.



Art. no.	colour	Ø	W	NL	ND	kg/100	PU
262254	light grey	4,1	4,1	15	2,0	0,086	100
262256	transparent	4,1	4,1	20	2,0	0,364	100
262258	light grey	7,0	7,0	20	2,0	0,214	100
262260	light grey	9,0	9,0	20	2,0	0,321	100
262262	light grey	13,2	13,2	20	2,0	0,226	100

ISO nailing clips

for attaching and fixing electrical cables, can be fixed to the cable, version with inserted galvanised nail, material: hammer-proof polyethylene (PE), halogen-free, temperature resistant: - 40 °C to + 80 °C, and for short periods up to approximately 100 °C.



Art. no.	colour	Ø	H	H1	W	NL	ND	kg/100	PU
262264	light grey	2,75-2,6	4,5	2,6	2,75	20	2,0	0,344	100
262266	light grey	6,0-6,6	9,0	6,6	6,0	20	2,0	0,300	100
262268	light grey	8,0-9,0	12,9	9,0	8,0	25	2,0	0,266	100
262270	light grey	9,0-9,0	12,0	9,0	9,0	22	2,0	0,262	100
262272	light grey	9,3-10,4	13,8	10,4	9,3	25	2,0	0,310	100
262274	light grey	2,75-2,6	4,5	2,6	2,75	19	1,65	0,408	100
262276	light grey	3,5-3,7	5,9	3,7	3,5	15	2,0	0,366	100
262278	light grey	4,0-4,2	6,6	4,2	4,0	18	2,5	0,376	100
262280	light grey	5,0-5,0	7,6	5,0	5,0	18	2,5	0,424	100
262282	light grey	6,0-6,6	9,0	6,6	6,0	18	2,5	0,342	100
262284	light grey	6,0-6,9	10,5	6,9	6,0	20	2,5	0,375	100
262286	light grey	7,0-7,5	11,0	7,5	7,0	22	2,5	0,266	100
262288	light grey	8,0-8,15	12,9	8,15	8,0	22	2,5	0,294	100
262290	light grey	9,0-9,0	12,0	9,0	9,0	22	2,5	0,282	100
262292	light grey	9,3-10,4	13,8	10,4	9,3	25	2,5	0,338	100
262294	light grey	11,0-12,2	16,6	12,2	11,0	27	2,5	0,390	100
262296	light grey	12,0-12,3	16,0	12,3	12,0	27	2,5	0,417	100
262298	light grey	14,0-15,6	20,5	15,6	14,0	35	3,0	0,352	100
262300	light grey	16,5-17,0	21,7	17,0	16,5	38	3,2	0,372	100
262302	light grey	18,0-17,5	22,0	17,5	18,0	38	3,2	0,380	100
262304	light grey	20,0-18,5	23,5	18,5	20,0	38	3,2	0,393	50
262306	light grey	22,0-23,0	27,8	23,0	22,0	42	3,2	0,441	50
262308	light grey	25,4-24,1	30,4	25,0	25,0	47	3,2	0,370	50
262310	light grey	32,0-33,5	40,0	33,5	32,0	56	3,6	0,256	25

NL = nail length
 ND = nail diameter
 H = height
 H1 = height 1
 W = width (opening)

kg/100 Weight in kg/100
 l Length
 TL Total length
 CSS Conductor cross section

IN Identification number
 B Flange width
 c Flange length
 c1 Flange length1

c2 Flange length2
 A Sleeve length
 M Thread metric
 plug Connector gauge

d1 Internal diameter
 d4 External diameter
 d2 Hole diameter
 E Length to middle of hole

v1 Slim pressing
 v2 Wide pressing
 s Material thickness
 PrU/PU Pricing/Packing unit