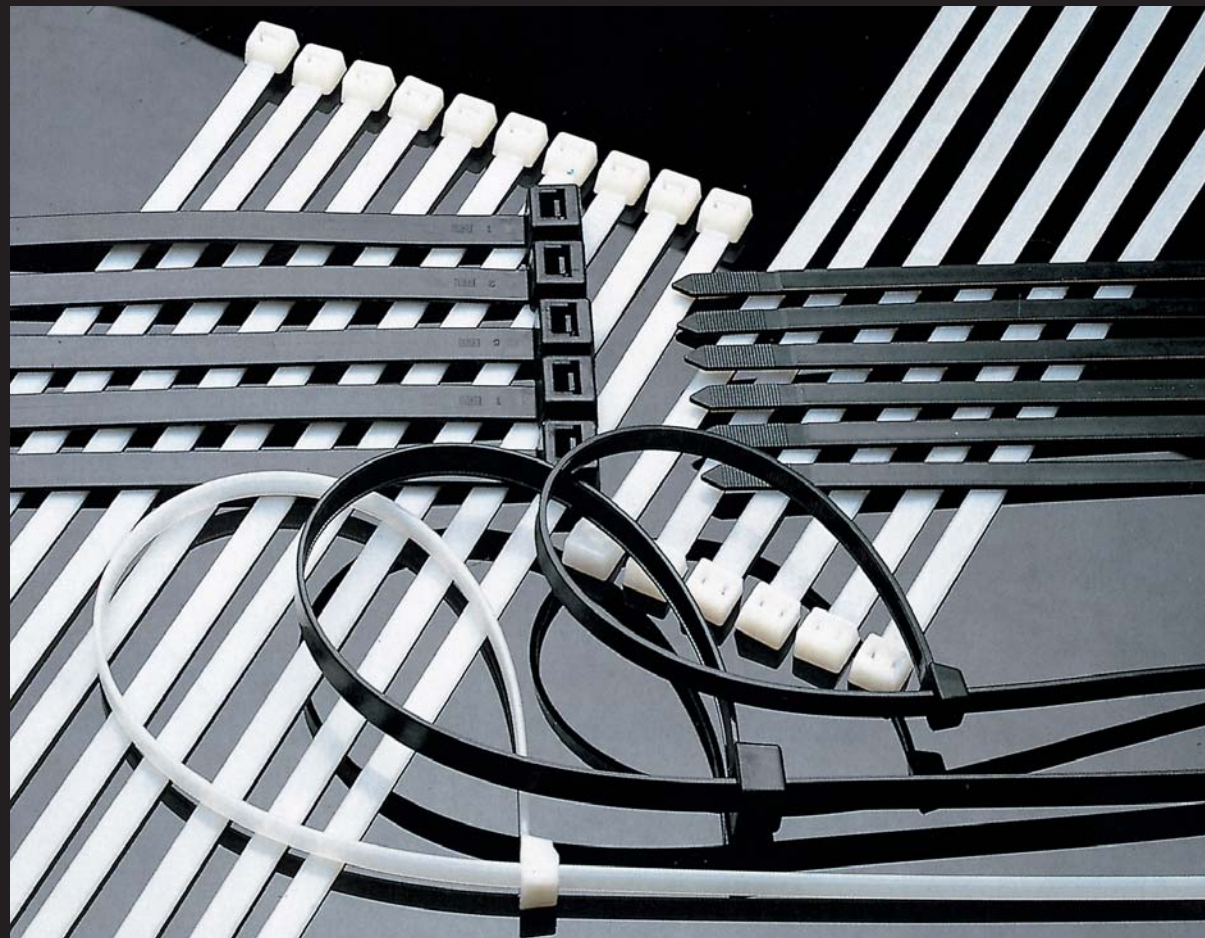


## Cable connection technology

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

All HAUPA cable ties are made from plastic and are recyclable. The internal tothing 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.	length	width			weight	PU	PU
26 25 00	96	2,5	23	8	290	100/	30000
26 25 02	100	2,5	25	8	310	100/	25000
26 25 04	142	2,5	35	8	480	100/	25000
26 25 06	203	2,5	55	8	700	100/	13000
26 25 08	142	3,2	35	18	480	100/	10000
26 25 10	292	3,6	85	18	750	100/	7000
26 25 12	190	4,8	52	22	100	100/	8000
26 25 16	203	4,6	55	22	150	100/	7000
26 25 18	250	4,8	74	22	200	100/	6000
26 25 20	310	4,8	89	22	200	100/	5000
26 25 22	368	4,8	102	22	250	100/	4000
26 25 28	203	7,6	55	55	300	100/	2000
26 25 30	280	7,6	78	55	400	100/	2000
26 25 32	380	7,6	110	55	500	100/	2500
26 25 36	450	8,0	133	80	350	50/	500
26 25 38	610	9,0	185	80	500	50/	500
26 25 40	812	9,0	246	80	300	20/	500
26 25 42	914	9,0	270	80	800	50/	500
26 25 46	550	12,7	166	114	1000	50/	500

## Cable ties

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



Art. No.	length	width			weight	PU	PU
26 26 00	96	2,5	23	8	290	100/	30000
26 26 02	100	2,5	25	8	310	100/	25000
26 26 04	142	2,5	35	8	480	100/	20000
26 26 06	203	2,5	55	8	670	100/	10000
26 26 08	142	3,2	35	18	720	100/	10000
26 26 10	292	3,6	85	18	150	100/	7000
26 26 16	203	4,6	52	22	150	100/	6000
26 26 18	250	4,8	74	22	150	100/	6000
26 26 20	310	4,8	89	22	200	100/	5000
26 26 22	368	4,8	102	22	250	100/	4000
26 26 28	203	7,6	55	55	300	100/	2000
26 26 30	280	7,6	78	55	400	100/	2000
26 26 32	380	7,6	110	55	500	100/	2500
26 26 36	450	8,0	133	80	350	50/	500
26 26 38	610	9,0	185	80	500	50/	500
26 26 40	812	9,0	246	80	300	20/	500
26 26 42	914	9,0	270	80	800	50/	500
26 26 46	550	12,7	166	114	1000	50/	500

## 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.	length	width	⌘	🔒	weight	PU	PU
26 21 00	100	2,5	25	8	310	100/	25000
26 21 02	142	3,2	35	18	100	100/	10000
26 21 01	203	3,6	55	18	50	100/	10000
26 21 06	203	4,6	55	22	150	100/	7000
26 21 08	310	4,8	89	22	250	100/	5000
26 21 10	368	4,8	102	22	250	100/	4000
26 21 14	380	7,6	110	55	290	50/	2000
26 21 16	550	12,7	166	114	1000	50/	500

## 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.	length	width	⌘	🔒	weight	PU	PU
26 21 20	100	2,5	25	8	300	100/	25000
26 21 22	142	3,2	35	18	300	100/	10000
26 21 24	203	3,6	55	18	100	100/	10000
26 21 26	203	4,6	55	22	170	100/	6000
26 21 28	310	4,8	89	22	250	100/	5000
26 21 30	368	4,8	102	22	400	100/	4000
26 21 32	280	7,6	78	55	400	100/	2000
26 21 34	380	7,6	110	55	250	50/	2000
26 21 36	550	12,7	166	114	750	50/	500

## Cable ties

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



Art. No.	length	width	⌘	🔒	weight	PU	PU
26 25 01	96	2,5	23	8	290	1000/	30000
26 25 03	100	2,5	25	8	310	1000/	25000
26 25 05	142	2,5	35	8	480	1000/	10000
26 25 07	203	2,5	55	8	300	1000/	10000
26 25 09	142	3,2	35	18	650	1000/	10000
26 25 11	292	3,6	85	18	800	1000/	8000
26 25 17	203	4,6	55	22	1400	1000/	10000
26 25 13	190	4,8	50	22	1450	1000/	8000

## Cable ties

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



Art. No.	length	width	⌘	🔒	weight	PU	PU
26 26 01	96	2,5	23	8	300	1000/	30000
26 26 09	142	3,2	35	18	700	1000/	10000

## Releasable cable ties

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



Art. No.	length	width	⌘	🔒	weight	PU	PU
26 21 40	150	7,6	35	22	150	100/	5000
26 21 42	200	7,6	50	22	200	100/	5000
26 21 44	300	7,6	80	22	350	100/	5000

## Double-locking-cable ties

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

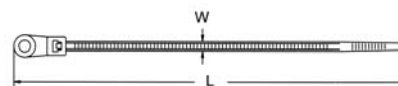


Art. No.	length	width	⌘	🔒	weight	PU	PU
26 27 00	180	9,0	45	55	8	100/	500
26 27 02	300	9,0	88	55	100	100/	500
26 27 04	360	9,0	100	55	100	100/	500
26 27 10	300	9,0	88	55	100	100/	500

## Cable ties with fixing eye

**New**

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



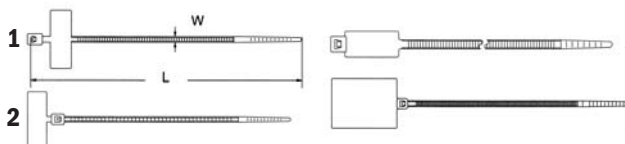
Art. No.	length	width	hole-Ø	⌘	🔒	PU
26 28 20	100	2,5	3,0	25	8	100
26 28 22	170	3,7	4,8	40	18	100
26 28 24	170	3,7	4,0	40	18	100
26 28 26	205	4,2	4,6	60	22	100
26 28 28	300	4,8	4,8	85	22	100
26 28 30	300	7,8	6,0	80	55	100
26 28 32	370	4,8	4,9	102	22	100
26 28 34	398	7,9	6,1	122	55	100

## Cable ties with marking space

**New**

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.	length	width	1	⌘	🔒	marking space	PU
26 28 40	100	2,5	1	25	8	25 x 8	100
26 28 42	130	2,5	4	25	8	28 x 20	100
26 28 44	110	2,5	2	25	8	25 x 8	100
26 28 46	200	4,6	3	50	22	28 x 13	100
26 28 48	200	2,5	1	50	8	30 x 15	100
26 28 50	270	4,6	3	75	22	28 x 13	100

**haupa®**

...convincing solutions

## 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.	material	width	weight	PU
26 21 51	plastic	2,5 - 5,0 mm	250	1
26 21 52	metal	2,5 - 5,0 mm	300	1
26 21 54	metal	2,5 - 13,0 mm	320	1
26 21 58	metal	2,5 - 10,0 mm	300	1

### 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.	colour	length mm	width mm	PU	PE
26 27 50	black	125	12	20	100
26 27 52	black	135	12	20	100
26 27 54	black	180	12	20	100
26 27 56	black	210	16	20	100
26 27 58	black	310	16	20	100
26 27 60	green	125	12	20	100
26 27 62	green	135	12	20	100
26 27 64	green	180	12	20	100
26 27 66	green	210	16	20	100
26 27 68	green	310	16	20	100

#### coil

Art. No.	colour	length m	width mm	PU	PE
26 27 82	black	10	20	1 coil	1

### Self adhesive sockets

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



Art. No.	mm	width	colour	weight	PU	PU
26 21 60	19 x 19	to 3,6 mm	natural	780	100/	1000
26 21 61	19 x 19	to 3,6 mm	black	800	100/	1000
26 21 62	28 x 28	to 4,8 mm	natural	850	100/	500
26 21 63	28 x 28	to 4,8 mm	black	900	100/	500

### Screw type sockets

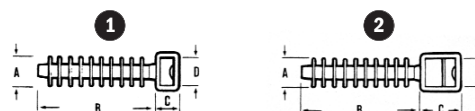
for cable ties and a quick and reliable fastening of large diam. cable bundles and other objects, not UV-resistant



Art. No.	mm	width	colour	weight	PU	PU
26 21 64	1,5 x 1,0	to 7,8 mm	natural	150	100/	10000
26 21 65	1,5 x 1,0	to 7,8 mm	black	150	100/	10000

### 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.	A	B	C	D	weight	PU	PU
26 21 70	1	10	37	6,5	9,2	150	100/ 5000
26 21 72	2	10	37	13	9,2	150	100/ 4000

## Heat shrinkable tubes

### Heat shrinkable tubes

of polyolefin, radiation interlaced, self extinguished according to MV SS 302, thin and flexible, dielectric strength 15 - 25 KV/mm acc. to DIN 53481, operating temperature: - 55° C to 135° C, shrinking temperature: > 115° C, **1 m length in self-service-pack**



Art. No.	SR to	SR from	th. wall	weight	PU
26 20 85	4,8	2,4	0,50	300	10
26 20 86	6,4	3,2	0,60	300	10
26 20 87	9,5	4,8	0,60	350	10
26 20 88	12,7	6,4	0,60	400	10
26 20 89	19,0	9,5	0,80	600	10
26 20 90	25,4	12,7	0,90	750	10

### Heat shrinkable tubes

of polyolefin, self extinguished according to MV SS 302, thin and flexible universal using, dielectric strength 15 - 25 KV/mm DIN 53481, operating temperature: - 55° C to 135° C, shrinking temperature: > 115° C, **in 5 m length, in self-service-pack**



Art. No.	SR to	SR from	th. wall	weight	PU
26 20 95	19,0	9,5	0,80	300	1
26 20 96	25,4	12,7	0,90	300	1

### Heat shrinkable tubes

of polyolefin, self extinguished according to MV SS 302, thin and flexible universal using, dielectric strength 15 - 25 KV/mm DIN 53481, operating temperature: - 55° C to 135° C, shrinking temperature: > 115° C, **in 10 m length, in self-service-pack**



Art. No.	SR to	SR from	th. wall	weight	PU
26 20 73	1,2	0,6	0,40	1100	1
26 20 74	1,6	0,8	0,50	2200	1
26 20 75	2,4	1,2	0,50	3000	1
26 20 76	3,2	1,6	0,50	3000	1
26 20 91	4,8	2,4	0,50	3000	1
26 20 92	6,4	3,2	0,60	3000	1
26 20 93	9,5	4,8	0,60	3000	1
26 20 94	12,7	6,4	0,60	3000	1

### Heat shrinkable tubes

of polyolefin, self extinguished according to MV SS 302, thin and flexible universal using, dielectric strength 15 - 25 KV/mm DIN 53481, operating temperature: - 55° C to 135° C, shrinking temperature: > 115° C, **in 75 m role**



Art. No.	SR to	SR from	th. wall	weight	PU
26 20 93/75	9,5	4,8	0,70	1100	1

### Industrial hot air blower for shrink hoses

Electronic hot air blower with continuous temperature control and two blower levels, characterised by low weight and slim design. This makes it ideal for long and fatigue-free working and for use in difficult to access areas. The temperature control is continuous, and the air volume can be set to two different levels. for shrink hoses.

#### Technical data:

Length/Ø (at shock protection):	325 mm / 85 mm
Voltage:	230 V / 50 Hz (special voltages possible)
Power:	2000 W
Temperature:	100° - 600° C continuous control
Air volume:	min. 300 l/min. / max. 500 l/min.
Weight:	620 g



Art. No.	weight	PU
26 20 97	620	1

**haupa®**

... convincing solutions

## Cable protection

### Polyethene spiral binding

natural, non-flame resistant



Art. No.	Ø	length m	KB	weight	PU
26 20 60	1,5	30	1,5 - 18	250	1
26 20 62	4	30	4 - 50	550	1
26 20 64	9	30	9 - 65	2350	1

### Polyethene spiral binding

white, nearly flame resistant



Art. No.	Ø	length m	KB	weight	PU
26 20 66	1,5	30	1,5 - 18	400	1
26 20 68	4	30	4 - 50	800	1
26 20 69	9	30	9 - 65	1950	1