



ELECTRIC FENCING 2020

DRINKING TECHNOLOGY



ANIMAL CLIPPERS



FARMING IMPLEMENTS



ELECTRIC FENCING 2020

Dear customer,

This catalogue contains all LISTER electric fencing products.

Our product range was born from experience, the progress of technology and its requirements.

Lister GmbH, Germany was established in 1954 and since more than 60 years Lister GmbH, Germany has grown to one of the leading manufacturers of **animal clippers, drinking bowls/ drinking systems, electric fencing and farm and stable accessories.**

Lister Germany products are always a good choice!

Take a look at the new catalogue. Our products will convince you.

As a manufacturer based in Germany, we pay attention to quality. Our staff is at your service with help and advice.

Furthermore our business-units of **dairy and industrial cooling** have expanded.

Further details can be found on our website www.lister-kuehlung.com.



**Lister GmbH Germany -
always the right decision!**

Visit us on the internet:



www.lister.de



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ELECTRIC FENCING IS A SYSTEM

A well installed electric fence is the most powerful and state-of-the-art solution for all fencing requirements.

This is valid for breeding, protection of cultivation farming as well as to herd domestic animals.

An electric fence is safer, more practical and more efficient than a barbed wire fence but as secure and as durable as a barbed wire fence. Due to the fact that electric fencing is a matter of a complete "system" you have to consider important facts while installing it. See circuit scheme:

Impulses will be distributed from the energizer via connections and wires and are always looking for different reverse current possibilities to the ground (via the animal, grass, etc.).

When an animal touches the fence the forthcoming impulse flows through the body of the animal in order to close the circuit.

Selection of energizer:

The energizer has to balance electrical impulses efficiently to the herd animal species, the fence area and the conditions of the field.

230 V power supply units as well as 6, 9 and 12 Volt battery sets are available.



Optimal grounding:

The grounding is a trespass with the most reverse current and its quality may change by the time according to nature of the ground and climate conditions.

The grounding should spend an appropriate fraction of the energy only.

ELECTRIC FENCING IS A SYSTEM

Why insulators are so important:

The Insulators are adapted to the latest electrification technologies. Due to high-grade, UV-consistent plastic the insulators add to achieve an optimal efficiency and durability.



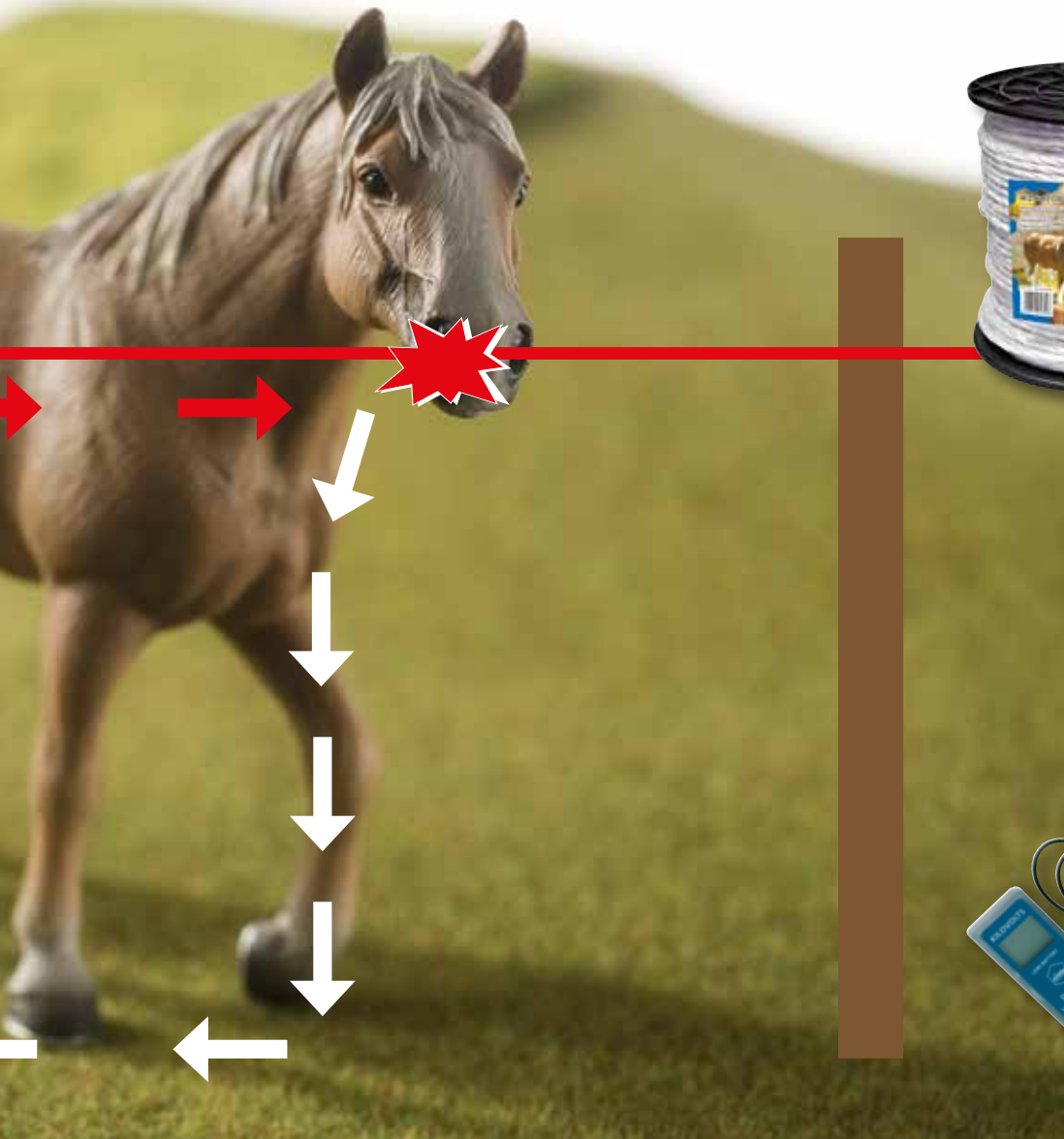
Selection of conductors and connections:

Conductors and connections have to be insensible against atmospheric conditions and mechanical impacts. They ensure the "transport" of impulses over the whole fence length without "wasting" too much energy as transit spots.



Importance of testing:

Appropriate tests have to be performed in order to check the perfect operation of energizer, electric fencing, grounding rod and of the total length of the fence device.

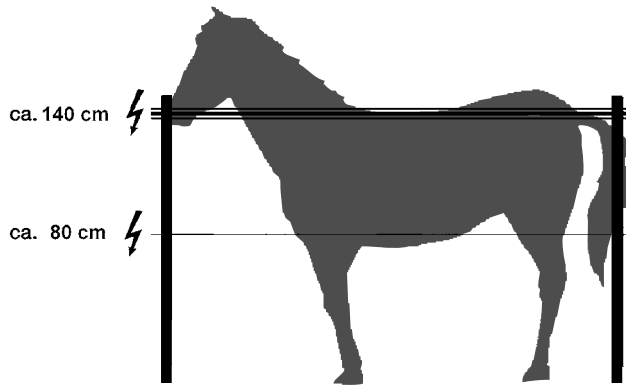


QUANTITY OF HEIGHT OF WIRES?

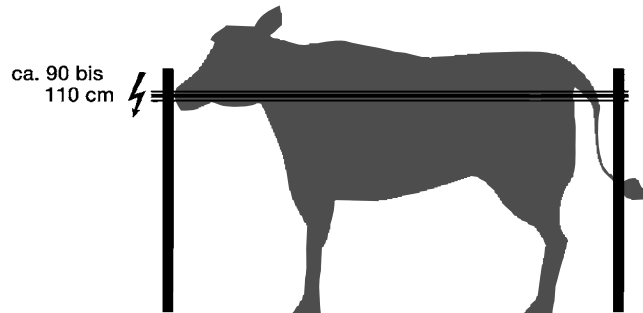
The appropriate energizer has to be chosen according to the fenced or fended animals due to the fact the animals may have got totally different consistence of coats and sensitivity.

The height of the animal, the animal species, the ground profile and the required benefit of the electric fence determine the height and the quantity of conductors.

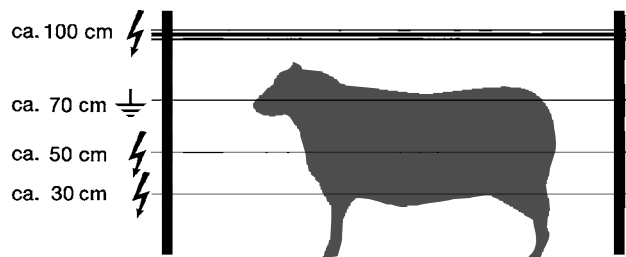
Subsequent you will find some classic examples which can be adapted to the particular fence:



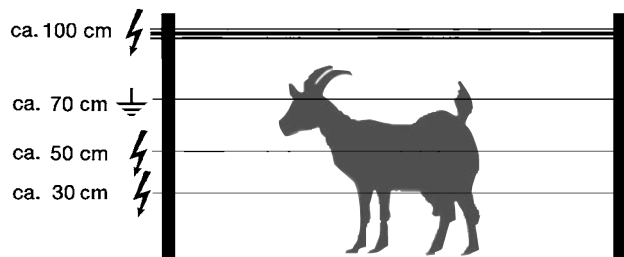
Electric fencing for horses



Electric fencing for cattle



Electric fencing for sheep



Electric fencing for goats



Electric fencing for small game



Electric fencing for small animals



The ideal anti-wildlife fence



damages caused by game



10 steps to the finished resistance fence



Mains fencer

WZG PROTECTOR 11

Our Protector 11 is a time delayed intelligent energiser as specified by European standard EN 60335-2-76/A12:2010. It has a delay time of 60 seconds. Protector 11 continuously monitors fence health, increasing and decreasing output power as required by fence length, grass, weather etc. If fence health suddenly gets worse, power is not increased until 60 seconds delay time has passed. This delay decreases the likelihood of entanglement. If an animal or person does get stuck in the fence for more than a few seconds or if they are in danger of receiving pulse energy in excess of 5 J our intelligent Protector 11 enters alarm mode.

In alarm mode, the Protector 11 will sound an alarm, blink the alarm indicator light, slow down the pulse rate and limit the fence out put energy to 5 Joule or less.

Alarm mode lasts until the fault is removed, 10 minutes has passed or the alarm is disabled using the alarm mute button.

When alarm sounds immediately stop the energiser and inspect the fence to verify the cause (a person or an animal may be stuck in the fence and need help). Boost mode is when the energiser is operating over 5 joules. This mode is visible in the display.

- **Maximum pulse voltage 11.700 V**
- **Maximum pulse energy 11 Joule**
- **Automatically impulse regulation**
- **Background highlighted display**
- **LED fence status display**
- **Second exit with reduced power**
- **Alarm function**
- **4 step voltage display**
- **Boost modus**
- **Integrated lightning protection**



Article	Article no.	Quantities
WZG Protector 11	35-0530011	per pcs

WZG 1000

Our careless high performance energizer for horses, cattle and sheep. Enough performance for all types of fences, especially long fences where the fence condition is monitored by the energiser. The intelligent WZG 1000 has an automatic power regulation and it delivers the maximum 4,5 J pulse energy on a broader range of fence load than any other fence energiser. Due to integrated voltage tester the WZG 1000 checks the condition of the fence and earth resistance.

- **Maximum pulse voltage 9.500 V**
- **Maximum pulse energy 4,5 Joule**
- **Automatically impulse regulation**
- **Background highlighted display**
- **Fence status display with smileys**
- **Integrated lightning protection**



Article	Article no.	Quantities
WZG 1000	35-0501000	per pcs

Mains fencer

WZG 950

Powerful energizer for horses, cattle and sheep. Enough performance for all types of fences, especially long fences where the fence condition is monitored by the energiser. The intelligent WZG 950 has an automatic power regulation and it delivers the maximum 4,5 J pulse energy on a broader range of fence load than any other fence energiser.

- **Maximum pulse voltage 10.000 V**
- **Maximum pulse energy 4,5 Joule**
- **Automatically impulse regulation**
- **Visual signal**
- **Integrated lightning protection**



Article	Article no.	Quantities
WZG 950	35-0500950	per pcs

WZG 600

Reliable universal fence energizer for cattle and horses. Pulse energy 3,8 J. Suitable for medium long cattle fences and long horse paddocks. New technology gives better fence voltage in all conditions, especially in long fences.

- **Maximum pulse voltage 8.300 V**
- **Maximum pulse energy 3,8 Joule**
- **Visual signal**
- **Integrated lightning protection**



Article	Article no.	Quantities
WZG 600	35-0500600	per pcs

WZG 300

Medium power energizer with 2,6 J pulse energy. A basic energizer for horse fences that serves well also in shorter cattle fences. The innovative technology gives higher pulse voltage that makes the WZG 300 more suitable for animals with long hair.

- **Maximum pulse voltage 8.000 V**
- **Maximum pulse energy 2,6 Joule**
- **Visual signal**
- **Integrated lightning protection**



Article	Article no.	Quantities
WZG 300	35-0500300	per pcs

Mains fencer

WZG 100







A compact, medium power energiser for smaller fences, horse paddocks and pastures, when the fence can be kept reasonably clear from vegetation. Especially suitable for horse paddocks and also for dog enclosures. Internal lightning protection is standard.

- Maximum pulse voltage 6.500 V
- Maximum pulse energy 1,2 Joule
- Integrated lightning protection



Article	Article no.	Quantities
WZG 100	35-0500100	per pcs

ENERGIZERS 230 VOLT

Description	WZG Protector 11	WZG 1000	WZG 950	WZG 600	WZG 300	WZG 100
Part-No.	35-0530011	35-0501000	35-0500950	35-0500600	35-0500300	35-0500100
Max. pulse voltage	11.700 V	9.500 V	10.000 V	8.300 V	8.000 V	6.500 V
Max. voltage at 500 Ω load	7.700 V	5.100 V	5.000 V	4.900 V	4.600 V	3.400 V
Loaded energy	14,0 J	9,3 J	8,9 J	6,0 J	3,8 J	1,4 J
Max. voltage at 2000 Ω load	9.200 V	8.400 V	6.700 V	6.700 V	6.700 V	3.600 V
Power consumption in Watt	14 W	13 W	11 W	7 W	4 W	2 W
Perfect fence	475 km	310 km	310 km	220 km	160 km	60 km
Medium vegetation	65 km	30 km	30 km	25 km	20 km	12 km
Strong vegetation	20 km	12 km	12 km	10 km	7 km	3 km
Quantity of earthing posts	3	3	3	2	2	1
Test function with display		X				
Info LED	X		X			
Intermittent light signal				X	X	X
Automatically impulse control	X	X	X			
Fast connecting terminals	X	X	X	X	X	
Separate second exit with reduced power	X					
Power display	X					
Alarm function (entangled animal)	X					
Suitable for						

Battery fence charger

WZG 122 B

Powerful electric fence for the midsize solid fence and mobile fence.

The device can be operated via 12V battery or 4 pcs. 1.5V batteries (size Mono D, LR20 type).

Especially for mobile fence ideal, because the device is mounted directly to the ground stake and can be rapidly disassembled and set up again.

Optionally, the unit can be operated in conjunction with a solar panel. The integrated electronics ensure that the battery is always charged properly and prevents through overload protection any damages that may arise on the battery.

The 4 pcs. "Mono" batteries ensure that the fence can be operated when the 12V battery is charging. (Up to 7 days) Through this, a second 12V battery is not needed to run the device continuously. Batteries are not included in delivery.

- **8.500 V peak voltage**
- **max. output power 1,21 Joule**
- **optical signal function**
- **Including grounding rod (= mounting posts)**
- **solar panels & Power Adapter upgradeable**
- **in two power levels selectable**
- **Two pulse speeds selectable**



Article	Article no.	Quantities
WZG 122 B	35-0510122	per pcs

WZG 62 B

Powerful electric fence for the midsize solid fence and mobile fence.

The device can be operated via 12V battery or 4 pcs. 1.5V batteries (size Mono D, LR20 type).

Especially for mobile fence ideal, because the device is mounted directly to the ground stake and can be rapidly disassembled and set up again processing.

Optionally, the unit can be operated in conjunction with a solar panel. The integrated electronics ensure that the battery is always charged properly and prevents through overload protection any damages that may arise on the battery.

The 4 pcs. "Mono" batteries ensure that the fence can be operated when the 12V battery is charging. (Up to 7 days) Through this, a second 12V battery is not needed to run the device continuously. Batteries are not included in delivery.

- **8.500 V peak voltage**
- **max. output power 0,6 Joule**
- **optical signal function**
- **Including grounding rod (= mounting posts)**
- **solar panels & Power Adapter upgradeable**
- **in two power levels selectable**
- **Two pulse speeds selectable**



Article	Article no.	Quantities
WZG 62 B	35-0510062	per pcs

Battery fence charger

WZG 250 B

Strong 12 V battery energizer for all animals. Top model with versatile features. Wall or pole mounting. Maximum pulse energy 2 J. Perfect efficiency with low power consumption. Our 250 B keeps the battery correctly charged and prevents damage that could occur if the battery would be completely discharged. The charging regulation for the solar panel prevents over charging of the battery in all situations. These features make the battery last longer in use. The measurement of the fence input voltage reveals ground leakages thus helping the user to keep the fence in a good operating condition.

- **Maximum pulse voltage 7.400 V**
- **Maximum pulse energy 2,0 Joule**
- **LED display for charging energy**
- **LED display for battery voltage**
- **Power on/off from the mode switch**

(the battery doesn't need to be removed)

- **Four power modes that are selected with the power/mode button**
- **Solar panel retrofit**



Article	Article no.	Quantities
WZG 250 B	35-0510250	per pcs

WZG 180 B

Medium power 12 V battery fence energizer for all animals. Wall or pole mounting. Maximum pulse energy 1,4 J. Deep discharge protection prevents damage that could result from completely discharging the battery. A yellow blink LED warns for a low battery voltage. New technology gives good energy efficiency and longer battery life. A basic model with good performance.

- **Maximum pulse voltage 8.500 V**
- **Maximum pulse energy 1,4 Joule**
- **LED display for charging energy**
- **LED display at low battery voltage**
- **Solar panel retrofit**



Article	Article no.	Quantities
WZG 180 B	35-0510180	per pcs

WZG BOX

Galvanized steel box for protection and transport of 12 volt battery devices and batteries.

With plastic handle.

(Charger and battery are not included in delivery)



Article	Article no.	Quantities
WZG Box	35-0540000	per pcs

Battery fence charger

WZG 9.07 S

Reliable and high-performance energizer for medium long cattle and long horse fences. Our innovative technology guarantees an optimal fence voltage at all operating conditions.

- Maximum pulse voltage 9.800 V
- Maximum pulse energy 0,71 Joule
- Visual signal
- 6 Watt solar panel and 12 Ah battery in shipment included
- Complete ready for connecting
- Inclusive earthing rod and connecting cable



Article	Article no.	Quantities
WZG 9.07 S	35-0520001	per pcs

WZG 9.07 B

Powerful unit which keeps a high fence voltage due to our innovative technology. Especially for animals with long and thick coat. Perfect for horses and cattle fences.

- Maximum pulse voltage 9.800 V
- Maximum pulse energy 0,71 Joule
- Visual signal
- 12 Volt capable
- Inclusive earthing rod and connecting cable
- Solar panel retrofit



Article	Article no.	Quantities
WZG 9.07 B	35-0520002	per pcs

WZG 9.03 B

Optimal energizer for small fencing, paddocks and summer pastures when the fence is not too much influenced by vegetation. Perfect for horse farms. Also suitable for dog fencing.

- Maximum pulse voltage 9.100 V
- Maximum pulse energy 0,34 Joule
- Inclusive earthing rod and connecting cable



Article	Article no.	Quantities
WZG 9.03 B	35-0520003	per pcs

Battery fence charger

WZG SG 3

Our energizer for small paddocks and short fences. This unit works in 12 Volt, 9 Volt and 6 Volt mode. In a 6 Volt mode you can place 4 x 1.5 V mono-cells. Only to use with a proper angle or earthing post.

- **Maximum pulse voltage 6.800 V**
- **Maximum pulse energy 0,3 Joule**
- **6,9 and 12 Volt mode possible**
- **Connecting terminals for 9 and 12 Volt included**



Article	Article no.	Quantities
WZG SG 3	35-0520004	per pcs

WZ 85

Robust corner post. Made of solid, hot-dip galvanized steel. With 3 points for secure positioning into the ground and pre-drilled slots for M6 threads.

For fences up to a height of 0,85 m.



Article	Article no.	Quantities
WZ 85	38-0840000	per pcs

ENERGIZERS 12 VOLT AND 9 VOLT

Description	WZG 122 B	WZG 62 B	WZG 250 B	WZG 180 B	WZG 9.07 S	WZG 9.07 B	WZG 9.03 B	WZG SG 3
Part-No.	35-0510122	35-0510062	35-0510250	35-0510180	35-0520001	35-0520002	35-0520003	35-0520004
Max. pulse voltage	8.500 V	8.500 V	7.400 V	8.500 V	9.800 V	9.800 V	9.100 V	6.800 V
Max. voltage at 500 Ω load	3.400 V	3.000 V	5.000 V	4.600 V	3.200 V	3.200 V	2.800 V	3.100 V
Loaded energy	1,63 J	0,82 J	2,6 J	1,7 J	0,86 J	0,86 J	0,43 J	0,5 J
Max. pulse energy at 500 Ω load	6.900 V	6.900 V	2,0 J	1,4 J	0,71 J	0,71 J	0,34 J	0,3 J
Power consumption	69-109 mA	40-55 mA	70 - 200 mA	130 mA	40 - 85 mA	40 - 85 mA	21 mA	18-40 mA
Perfect fence	62 km	32 km	90 km	80 km	35 km	35 km	23 km	9 km
Medium vegetation	12 km	6 km	18 km	15 km	7 km	7 km	3 km	1 km
Strong vegetation	3 km	2 km	6 km	4 km	2 km	2 km	1 km	0,3 km
Quantity of earthing posts	1	1	1-2	1-2	1	1	1	1
Operating mode			X					
Brightness control (energy saving)			X				X	
Measuring of fence voltage	X	X	X	X	X	X	X	
Warning light/ battery voltage	12 V / 1,5 V	12 V / 1,5 V	12 V	12 V	9 V / 12 V	9 V / 12 V	9 V	6 V / 9 V / 12 V
Low voltage disconnect at 12 V	X	X	X	X	X	X		
Suitable for								

Batteries

SOLAR PANEL 20 WATT

Solarpaneel 25 Watt for WZG 180 B, WZG 250 B und WZG 9.07 B.



Article	Article no.	Quantities
Solar panel 20 WATT	35-0626920	per pcs

SPECIAL BATTERY

As a very efficient energy source for portable energizers 12 Volt special accumulators will be insert. Due to the fact that they are anytime rechargeable by solar panel or battery charger they are practical, economic and eco-friendly. These special accumulators are developed in a way that they spend energy with a slight intensity over a long period.



Article	Article no.	Quantities
Special battery, 12 V / 85 Ah	35-0621000	per pcs
Special battery, 12 V / 62 Ah	35-0620900	per pcs
Gel battery 12 V / 12 Ah	35-0622012	per pcs

ALKALINE BATTERY

In comparison to conventional zinc carbon batteries with same capacity you`ll reach with alkaline batteries a considerably better voltage curve.



Article	Article no.	Quantities
Alkaline battery 9 V / 160 Ah	35-0350533	per pcs
Alkaline battery 9 V / 120 Ah	35-0350522	per pcs
Alkaline battery 9 V / 75 Ah	35-0350681	per pcs
Alkaline battery 9 V / 55 Ah	35-0350611	per pcs

Line testers

JOULI PRO

The Jouli Pro is a digital multimeter with error-search function (amperage + direction). It is the only tester on the market that can measure energy (Joule) as well as voltage (Volt).



Article	Article no.	Quantities
Jouli Pro	35-0662105	per pcs

DIGITAL VOLTMETERR DV 87 SB

Digital voltmeter for reliable control of voltage between 100 and 12,000 V.
Easy to handle, quick diagnosis.



Article	Article no.	Quantities
Digital voltmeter DV 87 SB	38-0355210	per blister pack á 1 pcs.

WZ 750

The line- and insulator tester with 5 indicator lights at 1000, 2000, 3000, 4000 and 5000 Volts

Equipped with earthing rod for a direct measurement
Measuring range up to 5000 Volts. No battery required.



Article	Article no.	Quantities
WZ 750	38-0454600	per pcs

10 KV CONTROL DEVICE

10 kV Voltmeter with 6 digits display from 1.000 to 10.000 V.
No battery required.



Article	Article no.	Quantities
10 kV CONTROL DEVICE	07-0490800	per blister pack á 1 pcs.
10 kV CONTROL DEVICE	35-0660303	per pcs

Complementary products

ES 1 S

Earth /ground rod, 110 cm.

Made of long lasting, thick galvanized steel assuring the earth contact with the soil.

For application together with your energizer, we recommend this long ground rod.



Article	Article no.	Quantities
ES 1 S	35-0667800	per pcs

FISOL HIGH VOLTAGE CABLE

For the reliable and safe connection/power supply of the energizer with the electric fence (e. g. pastures which are far away from the energizer).

Reinforced insulation, conduction without mentionable losses (impedance 0,015 0 p.m.) The cable is waterproof, subterranean installation possible.



Article	Article no.	Quantities
FISOL HIGH VOLTAGE CABLE 25 METER	35-0664102	per pcs
FISOL HIGH VOLTAGE CABLE 50 METER	35-0664702	per pcs
FISOL HIGH VOLTAGE CABLE 100 METER	35-0664202	per pcs
Fisol Hochspannungskabel 500 Meter	35-0664802	per pcs

FISOL CONNECTOR

Special connector for the FISOL HIGH VOLTAGE CABLE, connects two cables, waterproof, for subterranean and overground installation.



Article	Article no.	Quantities
FISOL CONNECTOR	35-0666002	per pcs

CONNECTING-SET

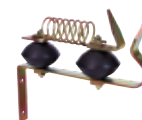
35-061543050



Article	Article no.	Quantities
CONNECTING-SET	35-061543050	per pcs

WZ 41

Lightning protector for mains powered energizers.



Article	Article no.	Quantities
WZ 41	36-0485020	per pcs

WARNING PLATE

Warning Sign



Article	Article no.	Quantities
WARNING PLATE	36-0510000	per pcs



Screw-in devices

LISOFIX

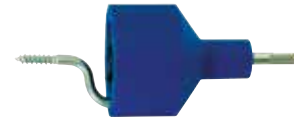
Universal screw-in device; to be used to screw in our insulators with standard drillers.
Fits to our insulators WI 24, WI 03, WI 04, WI 203 DS, WI 93, WI 94, WI 95 and most of other conventional ring and oval insulators.



Article	Article no.	Quantities
LISOFIX	07-0479201	per pcs

LISOFIX BLUE

Screw-in device for all drilling machines, takes insulators WI 19, WI 10000, WI 24 and WI 93.



Article	Article no.	Quantities
LISOFIX BLUE	07-0479000	per bag á 1 pcs.

LISOFIX RED

Screw-in device for all drilling machines, takes insulators WI 24, WI 86 and WI 93.



Article	Article no.	Quantities
LISOFIX RED	07-0479100	per bag á 1 pcs.

WI 11

Corner insulator for metal post with 2 hexagonal nuts.



Article	Article no.	Quantities
WI 11	05-0411000	per bag á 25 pcs. (palette: 10,500 pcs.)

WI 115

Corner /edge insulator for metal posts, reel turnable, with 7 mm support and 2 hexagon nuts.



Article	Article no.	Quantities
WI 115	05-0411100	per bag á 25 pcs. (palette: 10,500 pcs.)



Corner insulators

WI 120 S

Large egg insulator, super-solid, black (Edge and fixing insulator)



Article	Article no.	Quantities
WI 120 S	05-0412250	per bag á 10 pcs. (palette: 7,500 pcs.)

WI 120 W

Large egg insulator, super-solid, white (Edge and fixing insulator)



Article	Article no.	Quantities
WI 120 W	05-0412200	per bag á 10 pcs. (palette: 7,500 pcs.)

WI 120 G PA

Large egg insulator, made of grey PA (Polyamid) for extra strength.



Article	Article no.	Quantities
WI 120 G PA	05-0412400	per bag á 10 pcs. (palette: 7,500 pcs.)

WI 120 W PA-GV

As WI 120 PA, but 30 % glass-fibre reinforced, white, the best for extreme tensioning in permanent fences.



Article	Article no.	Quantities
WI 120 W PA-GV	05-0412410	per bag á 10 pcs. (palette: 7,500 pcs.)

WI 12 ECO

Large egg insulator with additional insulating ring.



Article	Article no.	Quantities
WI 12 ECO	05-0412000	per bag á 25 pcs. (palette: 7,500 pcs.)

WI 14

Roller insulator without nail.



Article	Article no.	Quantities
WI 14	05-0414000	per bag á 25 pcs. (palette: 18,000 pcs.)



Offset insulators

WI 2400

Shaft length 210 mm, insulator for wire, polywire and tape.
Screw thread approx. 30 mm.



Article	Article no.	Quantities
WI 2400	05-0446030	per bag á 10 pcs. (palette: 9,000 pcs.)

WI 2400/2

Insulator for wire, polywire and tape, with 2 hexagonal nuts M6. For metal posts.
Shaft length 210 mm, screw thread approx. 120 mm.



Article	Article no.	Quantities
WI 2400/2	05-0446070	per bag á 10 pcs. (palette: 9,000 pcs.)

WI 2410

With support 6 mm, 210 mm length, thread area approx. 30 mm, for smooth wires, stranded wires and tapes.



Article	Article no.	Quantities
WI 2410	05-0446200	per bag á 10 pcs. (palette: 10,500 pcs.)

WI 2403 / 180

With support 180 mm, thread area approx. 30 mm, for horse pastures and paddocks as well as for keeping out wild animals. For smooth wires, stranded wires and tapes.



Article	Article no.	Quantities
WI 2403 / 180	05-0424600	per bag á 10 pcs.

WI 286

Shaft length 210 mm, insulator for wire and rope < 9 mm.



Article	Article no.	Quantities
WI 286	05-0446100	per bag á 10 pcs. (palette: 6,000 pcs.)

WI 286/2

Shaft length 210 mm, insulator for wire and rope < 9 mm, with 2 hexagonal nuts M6. For metal posts. Screw thread approx. 120 mm.



Article	Article no.	Quantities
WI 286/2	05-0446151	per bag á 10 pcs. (palette: 6,000 pcs.)



Offset insulators

WI 95/180 LI-CROMET

Shaft length 180 mm, for wire, polywire and rope < 6.5 mm, shaft with LI-CROMET anti-corrosion coating.



Article	Article no.	Quantities
WI 95/180 LI-CROMET	05-0428100	per bag á 10 pcs. (palette: 6,000 pcs.)

WI 94/180

Combi insulator. Shaft length 180 mm, for rope < 6.5 mm and tape < 20 mm.



Article	Article no.	Quantities
WI 94/180	05-0447450	per bag á 10 pcs. (palette: 6,000 pcs.)

WI 94/180/2

Combi insulator. Shaft length 180 mm, for rope < 6.5 mm and tape < 20 mm, with 2 hexagonal nuts M6. For metal posts.



Article	Article no.	Quantities
WI 94/180/2	05-0447470	per bag á 10 pcs. (palette: 6,000 pcs.)

WI 12006 / 180

For wide tape up to 40 mm and fencing stringl/-rope, support 6 mm ø, 180 mm length. Thread area approx. 30 mm.



Article	Article no.	Quantities
WI 12006 / 180	05-0447350	per bag á 10 pcs. (palette: 4,500 pcs.)

WI 12006 / 180 / 2

For wide tape up to 40 mm and fencing stringl/-rope, support 6 mm ø, 180 mm length. With thread M 6 with 2 hexagon nuts. Thread area approx. 30 mm



Article	Article no.	Quantities
WI 12006 / 180 / 2	05-0447375	per bag á 10 pcs. (palette: 4,500 pcs.)

WI 4024 / 180

Stand-off insulator with 180 mm metal support, snap fastener for tape of up to 40 mm and rope of up to 8 mm; hexagonal piece for screwing-in with a wrench.



Article	Article no.	Quantities
WI 4024 / 180	05-0447155	per bag á 10 pcs. (palette: 9,000 pcs.)

WI 4024 / 180 / 2

Stand-off insulator with 180 mm metal support, snap fastener for tape of up to 40 mm and rope of up to 8 mm; hexagonal piece for screwing-in with a wrench. With M6 thread and 2 hexagonal nuts. Screw thread approx. 120mm.



Article	Article no.	Quantities
WI 4024 / 180 / 2	05-0447156	per bag á 10 pcs.

Slot and nail-on insulators

WI 10000

Large slot insulator for wooden post, black, with 6 mm \varnothing metal support.



Article	Article no.	Quantities
WI 10000	05-0450000	per bag á 25 pcs. (palette: 18,000 pcs.)

WI 10000/2

Large slot insulator for metal post, with 2 hexagonal nuts M6 and 6 mm \varnothing metal support.



Article	Article no.	Quantities
WI 10000/2	05-0450300	per bag á 25 pcs. (palette: 18,000 pcs.)

WI 19/6

Standard slot insulator for wooden post, 6 mm \varnothing shaft.



Article	Article no.	Quantities
WI 19/6	05-0419600	per bag á 25 pcs. (palette: 15,000 pcs.)

WI 19/6 C RED

Standard slot insulator made of orange/ red transparent material, for wooden post, 6 mm \varnothing shaft.



Article	Article no.	Quantities
WI 19/6 C RED	05-0419810	per bag á 25 pcs. (palette: 30,000 pcs.)

WI 19 / 6 C YELLOW

Standard slot insulator made of orange/ red transparent material, for wooden post, 6 mm \varnothing shaft.



Article	Article no.	Quantities
WI 19 / 6 C YELLOW	05-0419800	per bag á 25 pcs.

Slot and nail-on insulators



WI 23

Small standard nail-on insulator with fixed nail for wire and plastic stranded wire.



Article	Article no.	Quantities
WI 23	05-0423000	per bag á 50 pcs. (palette: 60,000 pcs.)

WI 61

Universal ("bobbin") insulator.



Article	Article no.	Quantities
WI 61	05-0423600	per bag á 100 pcs. (palette: 48,000 pcs.)

WI 60

Staple insulator for smooth wire and fencing stranded wire up to 5 mm diameter.



Article	Article no.	Quantities
WI 60	05-0423400	per bag á 100 pcs. (palette: 42,000 pcs.)



Ring insulators



WI 95 LI-CROMET

Super-strong ring insulator for wire, polywire and tape up to 10 mm width, extra UV-resistant, with 6 mm diam. support, LI-CROMET anti-corrosion coating.



Article	Article no.	Quantities
WI 95 LI-CROMET	05-0428000	per bag á 25 pcs. (palette: 21,000 pcs.)

WI 95 VZ

Extremely robust insulator for universal use with all types of fencing material. Especially suitable for fencing rope, but can also be used for wire, polywire and tape up to 10 mm. Diameter of metal, galvanized support: 6 mm.



Article	Article no.	Quantities
WI 95 VZ	05-0428004	per bag á 25 pcs. (palette: 21,000 pcs.)

WI 95/2

Extremely robust insulator for universal use for all types of fencing material, especially for rope, tape up to 10mm, metal support 6mm ø, thread M6 with 2 hexagonal nuts. Thread length: approx. 25 mm.



Article	Article no.	Quantities
WI 95/2	05-0428020	per bag á 25 pcs. (palette: 21,000 pcs.)

WI 93

Large oval ring insulator for wire, polywire and tape up to 10 mm. Diameter of metal support: 6 mm.



Article	Article no.	Quantities
WI 93	05-0424800	per bag á 25 pcs. (palette: 15,000 pcs.)

WI 93 ORANGE

Large oval ring insulator, orange, for wire, polywire and tape up to 10 mm. Diameter of metal support: 6 mm.



Article	Article no.	Quantities
WI 93 ORANGE	05-0424813	per bag á 25 pcs. (palette: 15,000 pcs.)

WI 93/2

Large oval ring insulator for metal post, with 2 hexagonal nuts M6. For wire, polywire and tape up to 10 mm. Diameter of metal support: 6 mm. Thread length: approx. 25 mm.



Article	Article no.	Quantities
WI 93/2	05-0424900	per bag á 25 pcs. (palette: 15,000 pcs.)

Ring insulators



WI 24

Super ring insulator for wire, polywire and tape up to 10 mm. Diameter of metal support: 6 mm.



Article		Article no.	Quantities
WI 24		05-0424010	per carton á 700 pcs. (palette: 21,000 pcs.)
WI 24 weiß		05-0424040	per bag á 25 pcs. (palette: 21,000 pcs.)
WI 24 blau		05-0424011	per bag á 25 pcs. (palette: 21,000 pcs.)
WI 24 gelb		05-0424200	per bag á 25 pcs. (palette: 21,000 pcs.)
WI 24 rot		05-0424100	per bag á 25 pcs. (palette: 21,000 pcs.)

WI 24/2

Super ring insulator for metal post, with 2 hexagonal nuts M6. For wire, polywire and tape up to 10 mm. Diameter of metal support: 6 mm. Thread length: approx. 25 mm.



Article	Article no.	Quantities
WI 24/2	05-0426000	per bag á 25 pcs. (palette: 21,000 pcs.)

WI 03/90-P

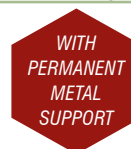
Ring insulator WI 03.



Article	Article no.	Quantities
WI 03/90-P	05-0464001	per bucket á 90 pcs.

WI 203 DS

Ring insulator with 6 mm metal support, extended in a semicircle in the plastic ring.



Article	Article no.	Quantities
WI 203 DS	05-0432400	per bag á 25 pcs. (palette: 21,000 pcs.)

WI 203/90 DS

Ring insulator with 6 mm metal support, extended in a semicircle in the plastic ring. 90 pieces per bucket.



Article	Article no.	Quantities
WI 203/90 DS	05-0432420	per bucket á 90 pcs.

WI 94

Combi-insulator for tape and rope up to 6,5 mm ø, tape up to 20 mm width, ideal for horse fences and wild animal fences.



Article	Article no.	Quantities
WI 94	05-0447400	per bag á 25 pcs. (palette: 15,000 pcs.)

WI 94/2

Combi-insulator for metal post, with 2 hexagonal nuts M6. For rope and tape, rope up to 6,5 mm ø, tape up to 20 mm width, ideal for horse fences and wild animal fences. Thread length: approx. 25 mm.



Article	Article no.	Quantities
WI 94/2	05-0447480	per bag á 25 pcs. (palette: 15,000 pcs.)



Rope and tape insulators

WI 86

Rope/Tape insulator for wire and rope < 9 mm + tape < 10 mm.



Article	Article no.	Quantities
WI 86	05-0445300	per bag á 25 pcs. (palette: 12,000 pcs.)

WI 4004

Special insulator for wide tape of up to 40 mm and rope of up to 8 mm with snap-fastener.



Article	Article no.	Quantities
WI 4004	05-0447600	per bag á 25 pcs. (palette: 9,000 pcs.)

WI 4024

Special insulator for wide tape of up to 40 mm and rope of up to 8 mm with snap-fastener; hexagonal piece for screwing-in with a wrench.



Article	Article no.	Quantities
WI 4024	05-0447150	per bag á 25 pcs. (palette: 15,000 pcs.)

WI 4024 / 2

Special insulator with M6 thread and 2 hexagonal nuts. For wide tape of up to 40 mm and rope of up to 8 mm with snap-fastener; hexagonal piece for screwing-in with a wrench. Thread length: approx. 25 mm.



Article	Article no.	Quantities
WI 4024 / 2	05-0447151	per bag á 25 pcs. (palette: 15,000 pcs.)

WI 4500

Wide tape insulator for tapes up to 40 mm width, tape "slides-in" perfectly even when pre-tensioned. Ideal for pulling through the tape



Article	Article no.	Quantities
WI 4500	05-0447500	per bag á 25 pcs. (palette: 12,000 pcs.)

WI 4000

Tape insulator in economy version, to mail on or to screw on, for electric fencing tapes of all types up to 40 mm width - safe stability in the WI 4000 insulator makes it possible to get the desired tape tension between the insulator - As a result of this there is neither abrasion of the tape nor wear through of the insulator. The tape will be fixed by each insulator. There is no possibility to pull through the tape.



Article	Article no.	Quantities
WI 4000	05-0447100	per bag á 25 pcs. (palette: 12,000 pcs.)

Rope and tape insulators

WI 12006

The most practical super-solid tape insulator with metal support, for tapes < 40 mm width and ropes up to 6.5 mm ø.



Article	Article no.	Quantities
WI 12006	05-0447300	per bag á 10 pcs. (palette: 6,000 pcs.)

WI 6000 L

Professional insulator for wire and cord up to 6 mm ø.



Article	Article no.	Quantities
WI 6000 L	05-0425300	per bag á 25 pcs. (palette: 12,000 pcs.)

WI 8000

Solid insulator for tape < 40 mm, black, tensioning of tape is possible from insulator to insulator.



Article	Article no.	Quantities
WI 8000	05-0425200	per bag á 15 pcs. (palette: 5,400 pcs.)

WI 8500

Solid insulator for tape < 40 mm, grey. Insulator just holds the tape for tape tensioning over longer distances (various insulators).



Article	Article no.	Quantities
WI 8500	05-0425201	per bag á 15 pcs. (palette: 5,400 pcs.)

WI 213

Wide tape insulator for tape up to 60 mm, with weatherproof rubber insert. Robust construction, also suitable as edge-/corner-insulator.



Article	Article no.	Quantities
WI 213	05-0448400	per bag á 25 pcs. (palette: 15,000 pcs.)

WI 930

Universal wide tape insulator for tapes of 20, 40 and 60 mm width, with "snap-on fastening".



Article	Article no.	Quantities
WI 930	05-0448500	per bag á 25 pcs. (palette: 15,000 pcs.)



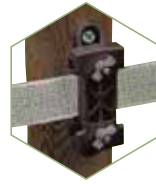
Professional Tape Insulators

WI 5000

Professional tape insulator, black, supplied in two pieces - highly UV resistant, for all tapes up to 40 mm width. Fields of application:

- + first-class professional line insulator
- + absolutely robust corner insulator to be fixed on corner posts
- + to keep cost low: use WI 5000 on every 5th post in the line.

Delivered in crystal clear blister pack with 2 stainless steel screws and nuts.



Article	Article no.	Quantities
WI 5000 (black)	05-0448000	per blister pack á 2 pcs.

WI 5005

Professional black tape insulator with stainless steel-contact plate.

Fields of application:

- + a mechanically and electrically perfect three-way-connector to divide a paddock into various sections, - at the beginning and the end of a tape line with:
- 4 possibility to make a direct contact to the energizer,
- 4 possibility to hook-in a gate handle,
- + a mechanically and electrically perfect connector of two tape ends.

Delivered with 2 stainless steel screws and nuts.



Article	Article no.	Quantities
WI 5005 (black)	05-0448010	per blister pack á 2 pcs.

BV 5005

Stainless steel contact plate for professional tape insulator WI 5005.



Article	Article no.	Quantities
BV 5005	07-0490050	per bag á 4 pcs. (carton: 40 pcs.)



Spare & replacement insulators

WZ 10 A

Insulator for round metal posts (without top insulator) with a diameter up to 8 mm.



Article	Article no.	Quantities
WZ 10 A	05-0459000	per bag á 25 pcs. (palette: 18,000 pcs.)

WI 57 S

Additional insulator for smooth wire and plastic stranded wire, in black. Suitable for round and oval posts (up to 10 mm \varnothing) without top insulator.



Article	Article no.	Quantities
WI 57 S	05-0459100	per bag á 50 pcs. (palette: 30,000 pcs.)

WI 57 G

Additional insulator for round posts (up to 10 mm \varnothing) without top insulator, yellow.



Article	Article no.	Quantities
WI 57 G	05-0459110	per bag á 25 pcs. (palette: 30,000 pcs.)

WI 174

Additional insulator for wire, polywire, rope and tape < 12 mm, for oval and round posts < 12 mm.



Article	Article no.	Quantities
WI 174	05-0447280	per bag á 25 pcs. (palette: 6,000 pcs.)

WI 13000 L

Additional insulator for wire and tape, with strip catching. Fits to round and oval steel posts (without top insulator) up to 14 mm \varnothing .



Article	Article no.	Quantities
WI 13000 L	05-0447240	per bag á 25 pcs.

WI 14000 L

Additional insulator for wire and rope up to 5 mm \varnothing . Fits to round and oval steel posts (without top insulator) up to 14 mm \varnothing .



Article	Article no.	Quantities
WI 14000 L	05-0447260	per bag á 25 pcs. (palette: 15,000 pcs.)

Spare & replacement insulators

WI 9005

Insulator to be pressed-on most round metal posts (8 mm diameter) and oval metal posts (11 x 5 mm) or to be nailed-on wooden posts (line insulator)



Article	Article no.	Quantities
WI 9005	05-0475100	per bag á 25 pcs. (palette: 12,000 pcs.)

WI 32

Splint insulator (big version) for metal angle posts with a material thickness of max.3.5 mm, complete with splint.



Article	Article no.	Quantities
WI 32	05-0427000	per bag á 50 pcs. (palette: 24,000 pcs.)

WI 17

Additional clip-on insulator (double clip) for oval posts (11 x 5 mm), extremely safe fit. The perfect addition for elcetric fences with more wires.



Article	Article no.	Quantities
WI 17	05-0417000	per bag á 25 pcs. (palette: 15,000 pcs.)

WI 18

Additional Clip-on insulator for round spring steel posts 7,5 mm and 8 mm ø.



Article	Article no.	Quantities
WI 18	05-0418000	per bag á 25 pcs. (palette: 15,000 pcs.)

WI 62

Additional insulator for oval metal posts, takes tape up to 20 mm width.



Article	Article no.	Quantities
WI 62	05-0418300	per bag á 50 pcs. (palette: 24,000 pcs.)

WI 12000

Top quality additional insulator for all posts with a diametre of up to 13 mm or 1/2", perfect grip on the post due to "turning" insert in fastening nut.



Article	Article no.	Quantities
WI 12000	05-0447200	per bag á 10 pcs. (palette: 4,500 pcs.)



Spare & replacement insulators

WI 82 R

Replacement top insulator for round metal posts approx. 7,5 mm diameter.



Article	Article no.	Quantities
WI 82 R	05-0474000	per bag á 25 pcs. (palette: 13,500 pcs.)

WI 82 O

Replacement top insulator for oval metal posts approx. 9 x 4,5 and 11 x 5 mm



Article	Article no.	Quantities
WI 82 O	05-0475000	per bag á 25 pcs. (palette: 13,500 pcs.)

WI 12 R

Replacement top insulator for round metal posts approx. 7,5 mm.



Article	Article no.	Quantities
WI 12 R	05-0472000	per bag á 25 pcs. (palette: 13,500 pcs.)

WI 12 O

Replacement top insulator for round metal posts approx. 11 x 5 mm.



Article	Article no.	Quantities
WI 12 O	05-0473100	per bag á 25 pcs. (palette: 13,500 pcs.)

WI 830

Replacement top insulator for oval metal posts approx. 11 x 5 mm.



Article	Article no.	Quantities
WI 830	38-0871001	per bag á 25 pcs.



Gate handle & anchor insulator

WI 604

Anchor insulator, traditional type, extra-solid, with turnable metal loops.
Hooks in gate handles from both sides (up/down) for fence wire anchoring, hang-up loops turnable.



Article	Article no.	Quantities
WI 604	07-0465000	per bag á 10 pcs. (palette: 10,500 pcs.)

WI 640

Corner insulator, with galvanized plate for up to 3 gate handles. For corners, gates and to sub-divide pastures.



Article	Article no.	Quantities
WI 640	35-0658402	per bag á 2 pcs.



Gate handles & sets



WZ 600

Safety gate handle, black, with hook. Available in a great variety of colours.







Article	Article no.	Quantities
WZ 600 	07-0460000	per pcs

WZ 600

Safety gate handle with hook. Available in a great variety of colours.








Article	Article no.	Quantities
WZ 600 blue 	07-0460111	per pcs
WZ 600 yellow 	07-0460101	per pcs
WZ 600 red 	07-0460012	per pcs
WZ 600 violette 	07-0460123	per pcs

WZ 600

Safety gate handle with hook. Available in different colours.







Article	Article no.	Quantities
WZ 600 NEON PINK 	07-0460130	per pcs
WZ 600 NEON ROT 	07-0460122	per pcs
WZ 600 NEON ORANGE 	07-0460131	per pcs
WZ 600 NEON GELB 	07-0460132	per pcs
WZ 600 NEON GRÜN 	07-0460133	per pcs

WZ 606

Safety gate handle, black, with metal loop.
Available in different colours.



Article	Article no.	Quantities
WZ 606 black 	07-0461100	per pcs
WZ 606 yellow 	07-0461101	per pcs
WZ 606 red 	07-0461102	per pcs
WZ 606 blue 	07-0461103	per pcs

Gate handles & sets

WZ 640

Gate handle, black, large version. With double loop on both sides of the spring.



Article	Article no.	Quantities
WZ 640	07-0460700	per pcs

WZ 640 ORANGE

Gate handle, orange, large version.
With double loop on both sides of the spring.



Article	Article no.	Quantities
WZ 640 ORANGE	07-0460705	per pcs

WZ 175

Small gate handle, economy version with hook
(5 pcs. per bag)



Article	Article no.	Quantities
WZ 175	07-0460400	per pcs / 5 per bag

WZ 185 L

Professional gate handle, black, with very high insulation quality.



Article	Article no.	Quantities
WZ 185 L	07-0460500	per pcs

WZ 185 L B

Professional gate handle, blue, with very high insulation quality.



Article	Article no.	Quantities
WZ 185 L B	07-0460501	per pcs

WZ 185 TAPE

Professional gate handle with connection for tape of up to 40 mm.



Article	Article no.	Quantities
WZ 185 TAPE	07-0460502	per pcs

WZ 800

Super-large safety gate handle with hook, can be used as spool to roll-up polywire
and tape.

With double loop on both sides of the spring.



Article	Article no.	Quantities
WZ 800	07-0451000	per pcs



Gate handles & sets

WZ 6028

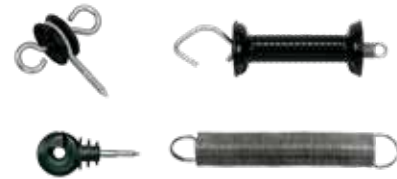
Elastic rope "Top Quality" gate set, consisting of:
 1 x anchor insulator WI 604,
 1 x insulator WI 93,
 1 x gate handle with elastic rope extendable up to 6 m



Article	Article no.	Quantities
WZ 6028	07-0464100	per bag á 1 pcs.

WZ 6024

Gate handle set complete:
 1 x spring of 45 mm \varnothing , extendable up to 5 metres,
 1 x gate handle WZ 600 E,
 1 x anchor insulator WI 604,
 1 x ring insulator WI 24 E.



Article	Article no.	Quantities
WZ 6024	07-0462000	per bag á 1 pcs.

WZ 6024 E

Spare spring for gate set WZ 6024, 45 mm \varnothing , extendable up to 5 metres.



Article	Article no.	Quantities
WZ 6024 E	07-0462250	per pcs

WZ 6029 S

Gate handle set complete:
 1 x WZ 600 E gate handle with built-in spring of 25 mm \varnothing , extendable up to 5 metres,
 1 x anchor insulator WI 604,
 1 x ring insulator WI 03 / 04.



Article	Article no.	Quantities
WZ 6029 S	07-0462450	per bag á 1 pcs.

WZ 6029

Gate handle WZ 175 with built-in spring of 25 mm \varnothing , extendable up to 5 metres



Article	Article no.	Quantities
WZ 6029	07-0462300	per bag á 1 pcs. (palette: 600 pcs.)



Reels

WZ 300

Large plastic reel, blue, with metal holder/stand and neck strip, with spring-loaded locking device. Approx. reel capacity:
 2000 m polywire,
 600 m tape of 10 mm,
 400 m tape of 20 mm.



Article	Article no.	Quantities
WZ 300	36-0484600	per pcs
WZ 300 ECO	36-0484641	per pcs / 40 per palette

WZ 301

Replacement or spare plastic reel for WZ 300 (blue).



Article	Article no.	Quantities
WZ 301	36-0484610	per pcs
Ersatztrommel 301 ECO	36-0484651	per pcs / 50 per palette

WZ 29

Multi-purpose plastic reel for polywire, tape and rope, reel fastened on handle by grip clip, very robust construction.

Fields of application of WZ 29 reel:

Unroll polywire or tape from new cops or roll up polywire and tape from fence line.

Capacities of WZ 29 reel:

Approx. 1000 metres of WZ 22 polywire

Approx. 600 metres of WZ 30 polywire

Approx. 300 metres of 10 mm tape

Approx. 100 metres of 20 mm tape

Approx. 50 metres of 40 mm tape



Article	Article no.	Quantities
WZ 29	07-0487000	per pcs

WZ 29 E

Spare or replacement reel for WZ 29. Delivery without tape!



Article	Article no.	Quantities
WZ 29 E	07-0487100	per pcs



Reels

WZ 27

Plastic fence reel (mainly for strip grazing) for easy paddock/pasture separation, capacity: 500 metres wire.



Article	Article no.	Quantities
WZ 27	07-0486000	per pcs

WZ 27 MH

With metal hooks instead of plastic hooks. Lightweighted, easy to handle, unbreakable, weather resistant.
For plastic stranded wires and tapes, reel lockable, for approx. 500 m of wire.



Article	Article no.	Quantities
WZ 27 MH	07-0483005	per pcs

WZ 27 E

Spare reel for WZ 27. (without handle)



Article	Article no.	Quantities
WZ 27 E	07-0486100	per pcs

WZ 25

Plastic fence reel (mainly for strip grazing) for easy paddock/pasture separation, capacity: 300 metres wire.



Article	Article no.	Quantities
WZ 25	07-0485000	per pcs

WZ 23 MH

With metal hook. Lightweighted, easy to handle, unbreakable, weather resistant.
For plastic stranded wires and tapes, reel lockable, for approx. 100 m of wire.



Article	Article no.	Quantities
WZ 23 MH	07-0483000	per pcs

Fence posts

WZ 135

Robust corner post. Made of solid, hot-dip galvanized steel. With 3 points for secure positioning into the ground and pre-drilled slots for M6 threads.
For fences up to a height of 1,35 m.



Article	Article no.	Quantities
WZ 135	38-0840001	per pcs

WZ 85

Robust corner post. Made of solid, hot-dip galvanized steel. With 3 points for secure positioning into the ground and pre-drilled slots for M6 threads.
For fences up to a height of 0,85 m.



Article	Article no.	Quantities
WZ 85	38-0840000	per pcs

WZ 82 ECO

Oval metal post approx. 11 x 5 mm with headinsulator

- **Length:** approx. 1,05 m
- **Length over ground:** approx. 0,85 m



Article	Article no.	Quantities
WZ 82 ECO	06-0475012	per carton á 50 pcs. (palette: 1,350 pcs.)

WZ 82/120

Oval spring steel post 8 mm ø, with top insulator.

- **Total length:** 120 cm
- **Length over ground:** 100 cm



Article	Article no.	Quantities
WZ 82/120	06-0475100	per carton á 25 pcs.

WZ 83 ECO

Oval metal post approx. 11 x 5 mm with ringinsulator.

- **Length:** approx. 1,05 m
- **Length over ground:** approx. 0,85 m



Article	Article no.	Quantities
WZ 83 ECO	38-0871000	per carton á 50 pcs. (palette: 1,350 pcs.)

ALL POSTS
GLASS-FIBRE REINFORCED
FOR HIGHER STABILITY

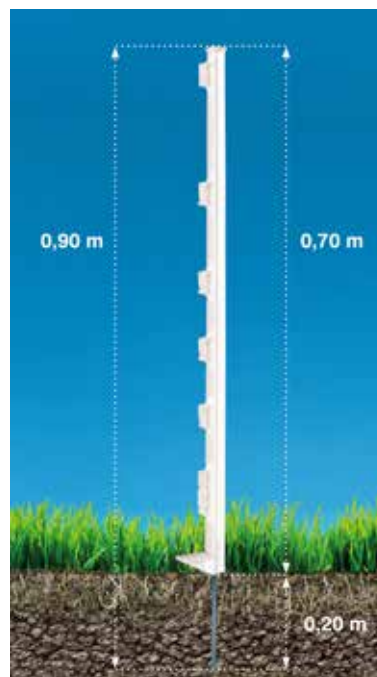
Fence posts

WZ 1000/70 K

Plastic fence post, white, in H-profile for polywire and tape, with 7 insulators.

- **Total length:** approx. 0,90 m
- **Length over ground:** approx. 0,70 m
- **Glass-fibre reinforced!**

Also available in blue.

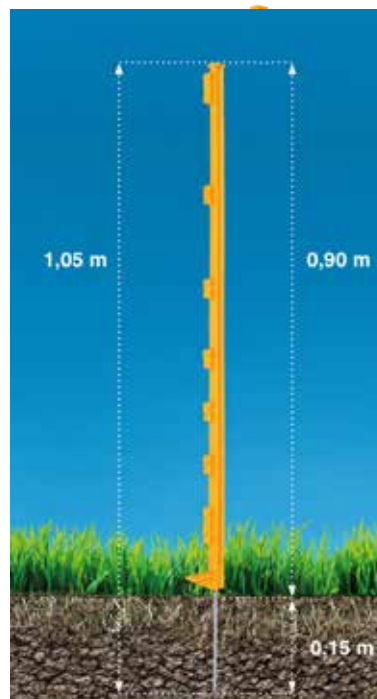


Article	Article no.	Quantities
WZ 1000/70 K (white)	38-0850504	per carton á 20 pcs. (palette: 1,040 pcs.)
WZ 1000/70 B K (blue)	38-0850506	per carton á 20 pcs. (palette: 1,040 pcs.)

WZ 1000/90 K

Plastic fence post, white, with 8 insulators.

- **Total length:** approx. 1,05 m
- **Length over ground:** approx. 0,90 m
- **Glass-fibre reinforced!**



Article	Article no.	Quantities
WZ 1000/90 K (yellow)	38-0850001	per carton á 20 pcs. (palette: 1,040 pcs.)

Fence posts

WZ 2100/110

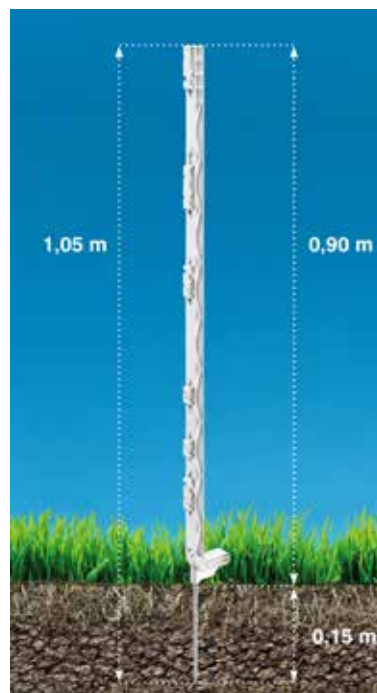
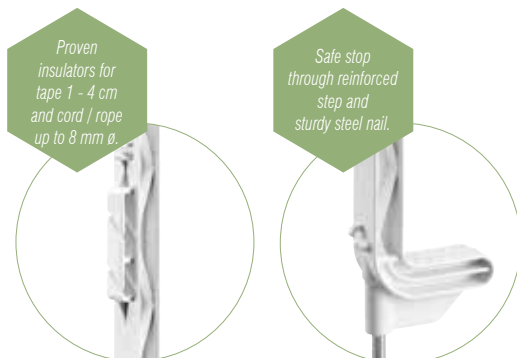
Polypost with reinforced footplate, white.

With 8 insulators for polytape up to 20mm or polwire. 3 of these insulators take polyrope up to 6mm and 2 take polytape up to 40mm.

With long reinforced steel nail.

- **Total length:** approx. 1,05 m
- **Length over ground:** approx. 0,90 m
- **Glass-fibre reinforced!**

Also available in green or blue.



Article	Article no.	Quantities
WZ 2100/110 (white)	38-0863001	per carton á 20 pcs. (palette: 720 pcs.)
WZ 2100/110 G (green)	38-0863011	per carton á 20 pcs. (palette: 720 pcs.)
WZ 2100/110 B (blue)	38-0863021	per carton á 20 pcs. (palette: 720 pcs.)

WZ 2100/140

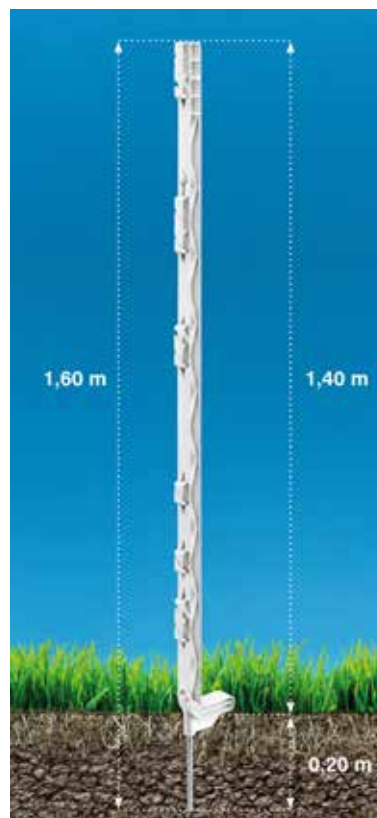
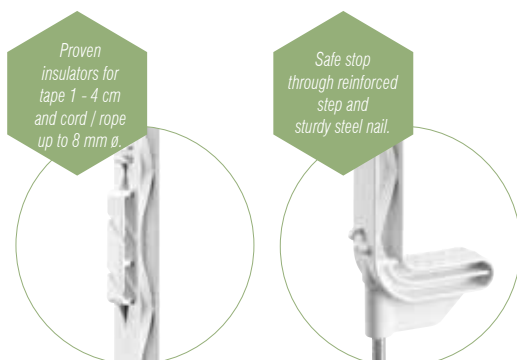
Polypost with reinforced footplate, white.

With 8 insulators for polytape up to 20mm or polwire. 4 of these insulators take polyrope p to 6mm and 4 take polytape up to 40mm.

With long reinforced steel nail.

- **Total length:** approx. 1,60 m
- **Length over ground:** approx. 1,40 m
- **Glass-fibre reinforced!**

Also available in green.



Article	Article no.	Quantities
WZ 2100/140 (white)	38-0863101	per carton á 20 pcs. (palette: 720 pcs.)
WZ 2100/140 G (green)	38-0863111	per carton á 20 pcs. (palette: 720 pcs.)

Fence posts

WZ 2100/110 D

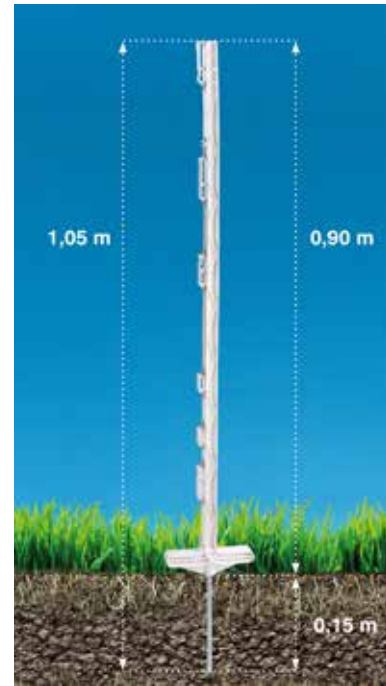
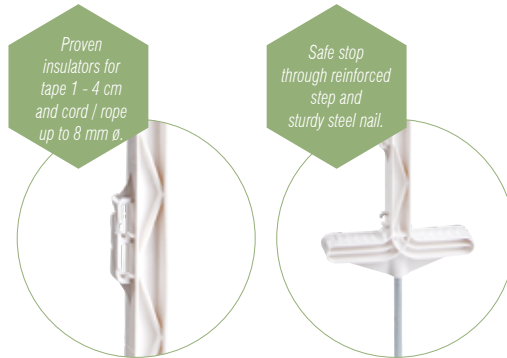
Plastic post with reinforced footplate.

White, with 8 insulators for polytape or polywire up to 20 mm. 3 of these insulators are for polyrope up to 6 mm and 2 for polytape up to 40 mm.

With long reinforced steel nail.

- **Total length:** approx. 1,05 m
- **Length over ground:** approx. 0,90 m
- **Glass-fibre reinforced!**

Also available in green.



Article	Article no.	Quantities
WZ 2100/110 D (white)	38-0863201	per carton á 20 pcs. (palette: 480 pcs.)
WZ 2100/110 D G (green)	38-0863211	per carton á 20 pcs. (palette: 480 pcs.)

WZ 2100/140 D

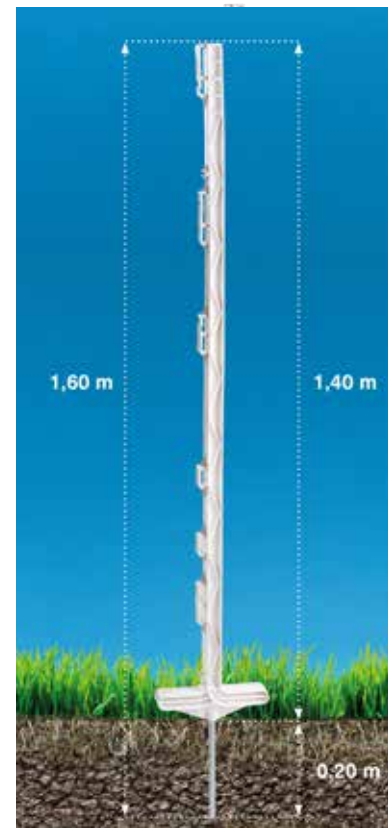
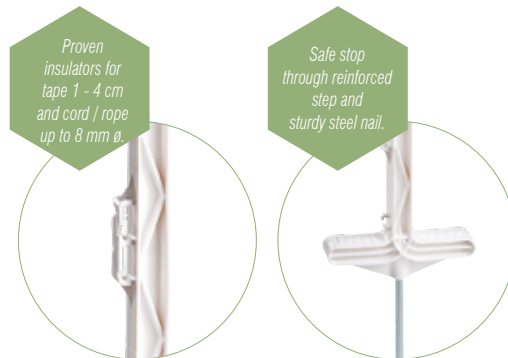
Polypost with reinforced footplate, white.

With 8 insulators for polytape up to 20mm or polwire. 4 of these insulators take polyrope up to 6mm and 4 take polytape up to 40mm.

With long reinforced steel nail.

- **Total length:** approx. 1,60 m
- **Length over ground:** approx. 1,40 m
- **Glass-fibre reinforced!**

Also available in green.



Article	Article no.	Quantities
WZ 2100/140 D (white)	38-0863301	per carton á 20 pcs. (palette: 480 pcs.)
WZ 2100/140 D G (green)	38-0863311	per carton á 20 pcs. (palette: 480 pcs.)

ALL POSTS
GLASS-FIBRE REINFORCED
FOR HIGHER STABILITY

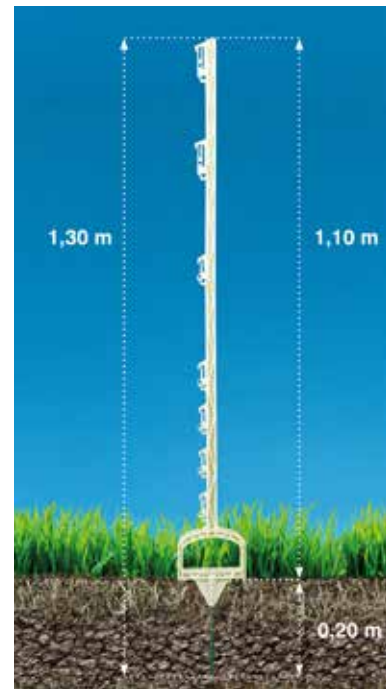
Fence posts

WZ 3000/110

Plastic fence post with "stirrup"-type foot, white, with 2 insulators for tape < 40mm or 20mm, 5 insulators for rope < 20mm and 7 insulators for rope < 8mm.

- **Total length:** approx. 1,30 m
- **Length over ground:** approx. 1,10 m
- **Glass-fibre reinforced!**

Also available in green.



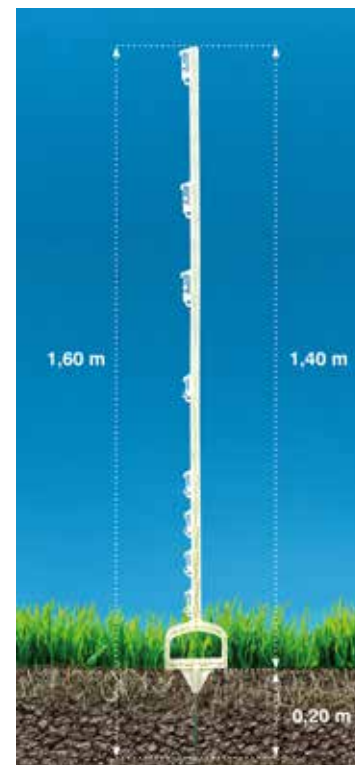
Article	Article no.	Quantities
WZ 3000/110 (white)	38-0880000	per carton á 20 pcs. (palette: 480 pcs.)
WZ 3000/110 G (green)	38-0880060	per carton á 20 pcs. (palette: 480 pcs.)

WZ 3000/140

Plastic fence post with "stirrup"-type foot, white, with 3 insulators for tape < 40mm or 20mm, 5 insulators for rope < 20mm and 8 insulators for rope < 8mm.

- **Total length:** approx. 1,60 m
- **Length over ground:** approx. 1,40 m
- **Glass-fibre reinforced!**

Also available in green.



Article	Article no.	Quantities
WZ 3000/140 (white)	38-0881000	per carton á 20 pcs. (palette: 480 pcs.)
WZ 3000/140 G (green)	38-0881060	per carton á 20 pcs. (palette: 480 pcs.)

ALL POSTS
GLASS-FIBRE REINFORCED
FOR HIGHER STABILITY

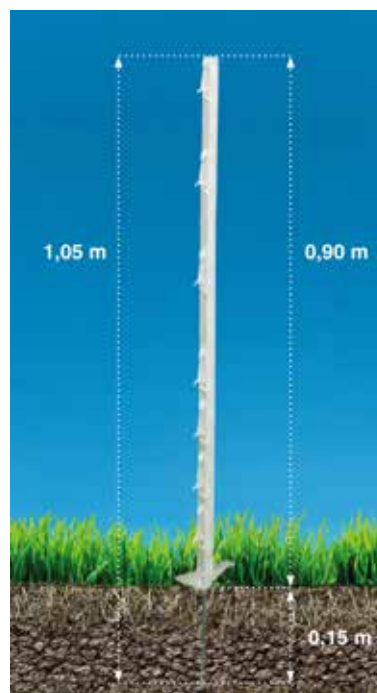
Fence posts

WZ 4000/110 D

Plastic fencing post, white, extra-strong, with double-side foot, with 7 insulators for rope and/or tape < 40mm.

- **Total length:** approx. 1,30 m
- **Length over ground:** approx. 1,10 m
- **Glass-fibre reinforced!**

Also available in green.



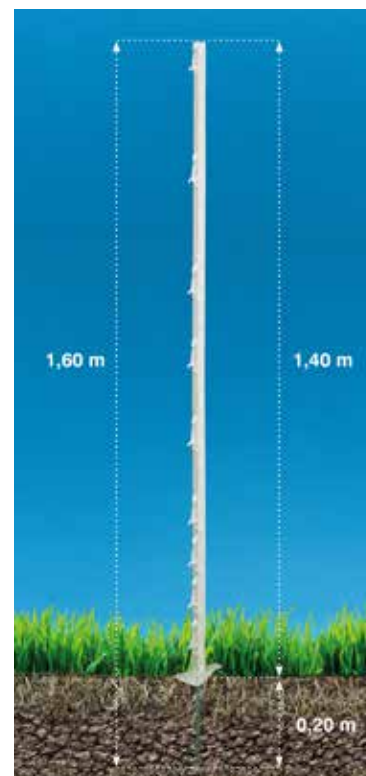
Article	Article no.	Quantities
WZ 4000/110 D (white)	38-0890300	per carton á 20 pcs. (palette: 800 pcs.)
WZ 4000/110 D G (green)	38-0890302	per carton á 20 pcs. (palette: 800 pcs.)

WZ 4000/140 D

Plastic fencing post, white, extra-strong, with 9 insulators for rope and/or tape < 40mm, with double-side foot.

- **Total length:** approx. 1,60 m
- **Length over ground:** approx. 1,40 m
- **Glass-fibre reinforced!**

Also available in green.



Article	Article no.	Quantities
WZ 4000/140 D (white)	38-0891300	per carton á 20 pcs. (palette: 740 pcs.)
WZ 4000/140 D G (green)	38-0891302	per carton á 20 pcs. (palette: 740 pcs.)

Conducting materials

WZ 180 TOP LEIT PLUS

Highly elastic wire in aluminium alloy, life-time warranty against corrosion.

- **resistance:** approx. 0.021 Ω /m
- **breaking strength:** approx. 75 kgs



Article	Article no.	Quantities
WZ 180 TOP LEIT PLUS (400 m)	35-0633700	per pcs

WZ 200 TOP LEIT PLUS

Highly elastic wire in aluminium alloy, life-time warranty against corrosion.

- **resistance:** approx. 0,017 Ω /m
- **breaking strength:** appx 92 kg



Article	Article no.	Quantities
WZ 200 TOP LEIT PLUS (400 m)	35-0634000	per pcs

WZ 250 TOP LEIT PLUS

Highly elastic wire in aluminium alloy, life-time warranty against corrosion.

- **resistance:** approx. 0.013 Ω /m
- **breaking strength:** approx. 180 kg



Article	Article no.	Quantities
WZ 250 TOP LEIT PLUS (400 m)	35-0633800	per pcs

WZ 20 N

Stranded wire, 7 strands, galvanized.

- **resistance:** approx. 0.15 Ω /m
- **breaking strength:** approx. 50 kg

Article	Article no.	Quantities
WZ 20 N (200 m)	36-0480010	per pcs
WZ 20 N (500 m)	36-0480020	per pcs

WZ 555 K TOP LEIT PLUS

Green/white polywire with 6 copper conductors of 0.25 mm \varnothing .

- **resistance:** approx. 0.06 Ω /m

Article	Article no.	Quantities
WZ 555 K TOP LEIT PLUS (200 m)	36-0484370	per pcs / 20 per carton
WZ 555 K TOP LEIT PLUS (200 m)	36-0484377	per pcs

Conducting materials

WZ 555 TOP LEIT PLUS

BLANFOR - universal stranded polywire with extra-thick galvanized steel conductor - just on outside of polywire.

- **resistance:** approx. 2.64 Ω/m
- **breaking strength:** approx. 50 kg



Article	Article no.	Quantities
WZ 555 TOP LEIT PLUS (200 m)	35-0632500	per pcs / 20 per carton
WZ 555 TOP LEIT PLUS (400 m)	35-0632600	per pcs / 10 per carton

WZ 70 TOP LEIT PLUS

Blue polywire, especially visible for wild animals.

3 copper conductors 0.25 mm Ø.

- **resistance:** approx. 0.13 Ω/m
- **breaking strength:** approx. 130 kg



Article	Article no.	Quantities
WZ 70 TOP LEIT PLUS (200 m)	36-0483070	per pcs
WZ 70 TOP LEIT PLUS (500 m)	36-0483072	per pcs
WZ 70 TOP LEIT PLUS (1000 m)	36-0483074	per pcs

WZ 71 TOP LEIT PLUS

Blue polywire, especially visible for wild animals.

3 copper conductors 0.25 mm Ø.

- **resistance:** approx. 0.13 Ω/m
- **breaking strength:** approx. 130 kg



Article	Article no.	Quantities
WZ 71 TOP LEIT PLUS (500 m)	36-0483076	per pcs

WZ 50 TOP LEIT

Polywire, white/yellow, with 6 stainless steel conductors 0.20 mm Ø.

- **resistance:** approx. 2.12 Ω/m
- **breaking strength:** approx. 90 kg



Article	Article no.	Quantities
WZ 50 TOP LEIT (200 m)	36-0484300	per pcs / 20 per carton
WZ 50 TOP LEIT (400 m)	36-0484301	per pcs

WZ 55 TOP LEIT PLUS

Polywire, white, with 3 tinned copper conductors 0.25 mm Ø

- **resistance:** approx. 0.12 Ω/m
- **breaking strength:** approx. 130 kg



Article	Article no.	Quantities
WZ 55 TOP LEIT PLUS (200 m)	36-0484350	per pcs / 20 per carton

Conducting materials

WZ 30

Polywire, white/blue, "double-thick" with 3 stainless steel conductors 0.18 mm \varnothing .
 resistance: approx. 4.77 Ω /m
 breaking strength: approx. 70 kg



Article	Article no.	Quantities
WZ 30 (200 m)	36-0483000	per pcs

WZ 22

Plastic stranded wire, orange, with 3 stainless steel conductors 0.18 mm \varnothing .

- **resistance:** approx. 4.77 Ω /m
- **breaking strength:** approx. 45 kg



Article	Article no.	Quantities
WZ 22 (250 m)	36-0482000	per pcs
WZ 22 (500 m)	36-0482001	per pcs

WZ 64 TOP LEIT

Plastic rope, white, with 6 stainless steel conductors 0.18 mm \varnothing

- **diameter:** approx. 6 mm \varnothing
- **resistance:** approx. 2.38 Ω /m
- **breaking strength:** approx. 600 kg



Article	Article no.	Quantities
WZ 64 TOP LEIT (200 m)	36-0484490	per pcs

WZ 65 K TOP LEIT PLUS

Plastic rope, white/green, with 6 copper conductors of 0.30 mm \varnothing .

- **diameter:** approx. 6 mm \varnothing
- **resistance:** approx. 0.03 Ω /m
- **breaking strength:** approx. 600 kg



Article	Article no.	Quantities
WZ 65 K TOP LEIT PLUS (200 m)	36-0484403	per pcs

WZ 65 TOP LEIT PLUS

Plastic rope, white, with 2 galvanized steel conductors 0.50 mm \varnothing , just on the outside of the rope.

- **diameter:** approx. 5 mm
- **resistance:** approx. 2.64 Ω /m
- **breaking strength:** approx. 250 kg



Article	Article no.	Quantities
WZ 65 TOP LEIT PLUS (200 m)	36-0484408	per pcs / 10 per carton

Conducting materials

WZ 65 TOP LEIT

Plastic rope, white/ blue, with 6 stainless steel conductors 0.20 mm \varnothing , approx. 5 years UV-stability!

- **diameter:** approx. 6.5 mm \varnothing
- **resistance:** approx. 2.12 Ω /m
- **breaking strength:** approx. 650 kg



Article	Article no.	Quantities
WZ 65 TOP LEIT (200 m)	36-0484400	per pcs

WZ 67

Plastic rope, green/red, with 3 stainless steel conductors 0.44 mm \varnothing .

- **diameter:** approx. 5 mm \varnothing
- **resistance:** approx. 2.3 Ω /m
- **breaking strength:** approx. 490 kg



Article	Article no.	Quantities
WZ 67 (200 m)	36-0484414	per pcs

WZ 68

Plastic rope, white, with stainless steel conductors 0.4 mm \varnothing .

- **diameter:** approx. 8 mm
- **resistance:** approx. 2.3 Ω /m
- **breaking strength:** approx. 1100 kg



Article	Article no.	Quantities
WZ 68 (200 m)	36-0484416	per pcs

ECO 65

Plastic rope, white, with 6 stainless steel conductors 0.16 mm \varnothing .

- **diameter:** approx. 6 mm \varnothing
- **resistance:** approx. 2.38 Ω /m
- **breaking strength:** approx. 350 kg



Article	Article no.	Quantities
ECO 65 (200 m)	36-0484402	per pcs

Conducting materials

WZ 32 VLQ TOP LEIT PLUS

Fencing tape, white, with 2 stainless steel conductors of 0.2 mm Ø, 1 copper conductor of 0.30 mm Ø and 1 stainless steel wire as cross-connection.

- **wide:** approx. 10 mm
- **resistance:** approx. 0.178 Ω/m
- **breaking strength:** approx. 50 kg



Article	Article no.	Quantities
WZ 32 VLQ TOP LEIT PLUS (200 m)	36-0483140	per pcs / 20 per carton

WZ 32 L TOP LEIT

Fencing tape, white with blue filament, with 4 stainless steel conductors 0.20 mm ø.

- **wide:** approx. 10 mm
- **resistance:** approx. 3.18 Ω/m
- **breaking strength:** approx. 65 kg



Article	Article no.	Quantities
WZ 32 L TOP LEIT (200 m)	36-0483130	per pcs / 20 per carton

WZ 32 OR

Fencing tape, orange, with 5 stainless steel conductors 0.30 mm ø.

- **wide:** approx. 10 mm
- **resistance:** approx. 1.93 Ω/m
- **breaking strength:** approx. 65 kg



Article	Article no.	Quantities
WZ 32 OR (200 m)	36-0483090	per pcs / 20 per carton

WZ 32 GE/OR TOP LEIT

Fencing tape, yellow/orange, with 4 stainless steel conductors 0.20 mm ø.

- **wide:** approx. 10 mm
- **resistance:** approx. 3.18 Ω/m
- **breaking strength:** approx. 65 kg



Article	Article no.	Quantities
WZ 32 GE/OR TOP LEIT (200 m)	36-0483100	per pcs / 20 per carton
WZ 32 GE/OR TOP LEIT (400 m)	36-0483101	per pcs / 10 per carton

ECO 10

Fencing tape, white with red filament, with 3 stainless steel conductors 0.18 mm ø.

- **wide:** approx. 10 mm
- **resistance:** approx. 4.77 Ω/m
- **breaking strength:** approx. 50 kg



Article	Article no.	Quantities
ECO 10 (200 m)	36-0484410	per pcs

Conducting materials

WZ 333 TOP LEIT PLUS

Fencing tape, white with blue edges, extra-strong, 7 tinned copper conductors 0.30 mm \varnothing .

- **wide:** approx. 20 mm
- **resistance:** approx. 0.029 Ω /m
- **breaking strength:** approx. 215 kg



Article	Article no.	Quantities
WZ 333 TOP LEIT PLUS (200 m)	36-0483410	per pcs / 6 per carton

WZ 33 VLQ TOP LEIT PLUS

Fencing tape, white, with 4 stainless steel conductors 0,20 mm \varnothing , 1 copper conductor.

- **wide:** approx. 20 mm
- **resistance:** approx. 0,17 Ω /m
- **breaking strength:** approx. 90 kg



Article	Article no.	Quantities
WZ 33 VLQ TOP LEIT PLUS (200 m)	36-0483310	per pcs / 6 per carton

WZ 33 L TOP LEIT

Fencing tape, white with blue filament, with 6 stainless steel conductors 0.20 mm \varnothing .

- **wide:** approx. 20 mm
- **resistance:** approx. 2.12 Ω /m
- **breaking strength:** approx. 90 kg

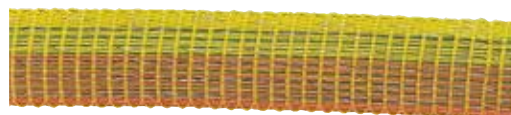


Article	Article no.	Quantities
WZ 33 L TOP LEIT (200 m)	36-0483330	per pcs / 15 per carton

WZ 33 GE/OR TOP LEIT

Fencing tape, yellow/orange, with 6 stainless steel conductors 0.20 mm \varnothing .

- **wide:** approx. 20 mm
- **resistance:** approx. 2.12 Ω /m
- **breaking strength:** approx. 85 kg



Article	Article no.	Quantities
WZ 33 GE/OR TOP LEIT (200 m)	36-0483300	per pcs / 15 per carton

ECO 20

Fencing tape, white with red filament, with 4 stainless steel conductors 0.18 mm \varnothing .

- **wide:** approx. 20 mm
- **resistance:** approx. 3.58 Ω /m
- **breaking strength:** approx. 65 kg



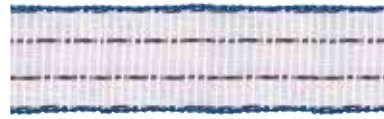
Article	Article no.	Quantities
ECO 20 (200 m)	36-0484420	per pcs

Conducting materials

WZ 444 TOP LEIT PLUS

Fencing tape, white with blue edges, extra-strong, with 6 stainless steel and 4 copper conductors 0.30 mm ø.

- **wide:** approx. 40 mm
- **resistance:** approx. 0.018 Ω/m
- **breaking strength:** approx. 385 kg



Article	Article no.	Quantities
WZ 444 TOP LEIT PLUS (200 m)	36-0484240	per pcs

WZ 44 L TOP LEIT

Fencing tape, white with blue filament, with 12 stainless steel conductors 0.20 mm ø.

- **wide:** approx. 40 mm
- **resistance:** approx. 1.06 Ω/m
- **breaking strength:** approx. 150 kg



Article	Article no.	Quantities
WZ 44 L TOP LEIT (200 m)	36-0484220	per pcs

ECO 40

Fencing tape, white with red filament, with 8 stainless steel conductors 0.18 mm ø.

- **wide:** approx. 40 mm
- **resistance:** approx. 1.79 Ω/m
- **breaking strength:** approx. 100 kg

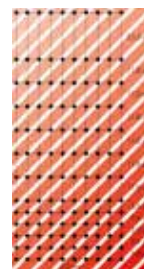


Sheep and poultry netting

EN 90/2 HOBBY

LI Euro-Net Hobby with 14 posts with double spike.

- **length:** 50 m
- **height:** 90 cm



Article	Article no.	Quantities
EN 90/2 HOBBY	36-0602040	per pcs

EN 90/2 KOMBI

LI Euro-Net Kombi with reinforced knots and 14 posts with double spike, e.g. for sheep and lambs.

- **length:** 50 m
- **height:** 90 cm



Article	Article no.	Quantities
EN 90/2 KOMBI	36-0602010	per pcs

EN 106/2 HOBBY

LI Euro-Net Kombi with 14 posts with double spike, e.g. for sheep, goats and lambs.

- **length:** 50 m
- **height:** 106 cm



Article	Article no.	Quantities
EN 106/2 HOBBY	36-0602020	per pcs

EN 112/2

LI Euro-Net with 15 posts with double spike, e.g. for poultry, goose and turkey.

- **length:** 50 m
- **height:** 112 cm



Article	Article no.	Quantities
EN 112/2	36-0603000	per pcs

Connectors & connection cables

BV 4

Professional tape connector for two tape ends of 10, 12.5 and 20 mm. Made of stainless steel. Conductor material may never be knotted!



Article	Article no.	Quantities
BV 4	07-0490000	per bag á 5 pcs.

BV 444

Professional tape connector for two tape ends of 40 mm each. Made of stainless steel. Conductor material may never be knotted!



Article	Article no.	Quantities
BV 444	07-0490010	per bag á 5 pcs.

BVT 405

Professional tape connector for tapes of 10, 20 or 40 mm on one side and gate handle spring or anchor insulator on the other side. Made of stainless steel.



Article	Article no.	Quantities
BVT 405	07-0490700	per bag á 5 pcs.

KV 700

Rope connector, galvanized, for rope up to 6mm Ø, for a secure mechanical and electrical connection.



Article	Article no.	Quantities
KV 700	38-0452100	per pcs / 50 per bag

KV 650

Professional rope connector, for rope up to 6.5 mm Ø.



Article	Article no.	Quantities
KV 650	38-0452000	per pcs

KV 500

Professional rope connector, for rope up to 5 mm Ø.



Article	Article no.	Quantities
KV 500	38-0452030	per pcs

KV 250

Professional wire- and rope connector, for conductor material up to 2.5 mm Ø.



Article	Article no.	Quantities
KV 250	38-0452001	per pcs

Connectors & connection cables

WZ 39 NIRO

Wire connector, stainless steel, the perfect joiner of two fence wires in a permanent fence.



Article	Article no.	Quantities
WZ 39 NIRO	36-0487120	per bag á 10 pcs.

BAK 60

Professional connection cable between energizer and tape up to 40 mm, stainless steel contact plates, length of cable: 60 cm, insulated cable.



Article	Article no.	Quantities
BAK 60	07-0490110	per pcs

BAK 130

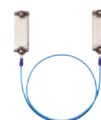
Professional connection cable between energizer and tape up to 40 mm, stainless steel contact plates, length of cable: 130 cm, insulated cable.



Article	Article no.	Quantities
BAK 130	07-0490100	per pcs

ZVK 60

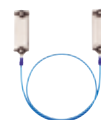
Professional connection cable between two tapes of up to 40 mm, stainless steel contact plates, length of cable: 60 cm, insulated cable.



Article	Article no.	Quantities
ZVK 60	07-0490210	per bag á 1 pcs.

ZVK 150

Professional connection cable between two tapes of up to 40 mm, stainless steel contact plates, length of cable: 150 cm, insulated cable.



Article	Article no.	Quantities
ZVK 150	07-0490200	per bag á 1 pcs.

Connectors & connection cables

KA 655

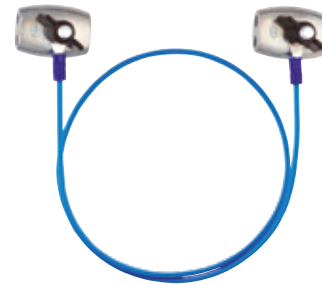
Professional connection cable between two fencing ropes up to 6.5 mm, length of cable: 60 cm.



Article	Article no.	Quantities
KA 655	07-0490300	per pcs

KVK 60

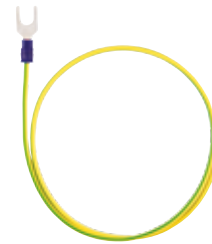
Professional connection cable for rope 6 mm diameter in order to get reliable connection between two fencing ropes, length of cable: 60 cm.



Article	Article no.	Quantities
KVK 60	07-0490600	per bag á 1 pcs.

WZ 2 N

Earthing cable, insulated, with loop and tinned opposite end.

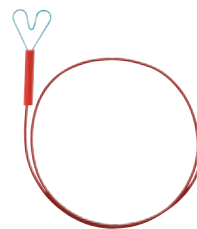


Article	Article no.	Quantities
WZ 2 N	14-0492010	per pcs / 1 per bag

Connectors & connection cables

WZ 2 A

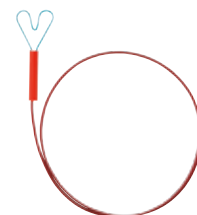
Fencing cable, insulated, with "heart" and banana plug.



Article	Article no.	Quantities
WZ 2 A	14-0493000	per pcs

WZ 2 B

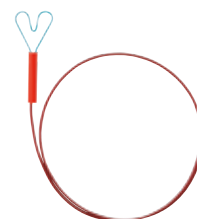
Fencing cable, insulated, with "heart" and tinned end.



Article	Article no.	Quantities
WZ 2 B	14-0494000	per pcs

WZ 2 B/120

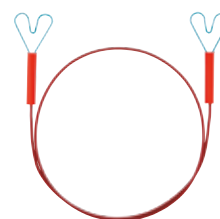
Fencing cable, insulated, with heart and tinned end, length of cable 120 cm.



Article	Article no.	Quantities
WZ 2 B/120	14-0499000	per pcs

WZ 2 V

Fencing cable with two "hearts", insulated cable.



Article	Article no.	Quantities
WZ 2 V	14-0496000	per pcs

Fencing accessories

DS 96 V

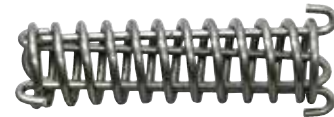
Zinc-plated tensioner for wires and stranded wires -robust construction-.
For tensioning of wires and stranded wires.
A necessity for the professional fence.



Article	Article no.	Quantities
DS 96 V	36-0487201	per pcs

WZ 480

Very lightweight tension spring, aluminium. Used to constantly tension fence wire and to balance differences in temperature. Also to relief strain from wire and corner posts.



Article	Article no.	Quantities
WZ 480	35-0670200	per pcs

WZ 38

Extra-solid tensioning spring, stainless steel,
for a constant tension on the wire-fence line.



Article	Article no.	Quantities
WZ 38	36-0487110	per pcs

WZ 380

Extra-solid tension spring of zinc plated steel wire,
For a constant tension on wir, e.g. at temperature fluctuations,
also for relief of wire and corner posts



Article	Article no.	Quantities
WZ 380	36-0487300	per pcs

WM 4

On-and-off switch for electric fences, extra solid, mechanically and electrically perfect.



Article	Article no.	Quantities
WM 4	35-0668510	per pcs / 10 per carton



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