

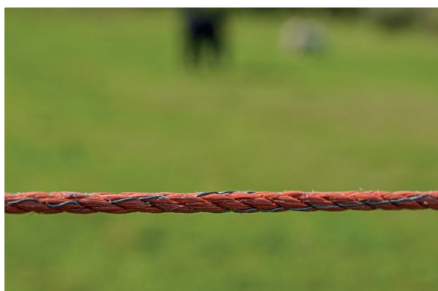
PASTUCH

POLYPROPYLENE ROPE FOR ELECTRIC FENCES



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PASTUCH

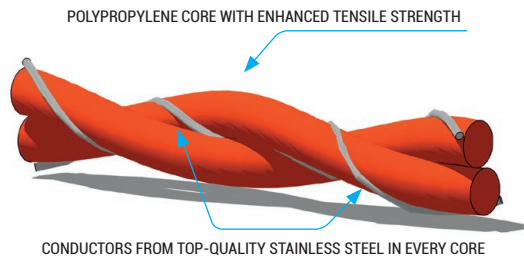
POLYPROPYLENE ROPE FOR ELECTRIC FENCES



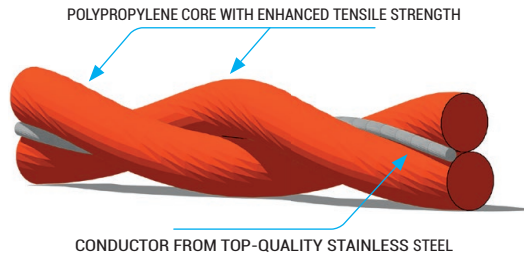
Pastuch meaning “Shepherd” is the proper name of a polypropylene rope with an electrical conductor inside. When it is spread between posts using insulators and connected to a source of high voltage – which, however, is not dangerous to the health and safety of living organisms – it effectively protects and secures the fenced-off area, preventing the animals inside from leaving and stopping intruders from getting in.

The Pastuch system uses a power source that delivers electrical deterrent pulses of low power and short duration that flow through the organism to the ground if the system is touched or approached by an animal from the inside of the protected area or an intruder from the outside. An animal that behaves normally will easily memorise this stimulus and visually associate it with the colour and shape of the fence, discouraging further contact.

PASTUCH PP ROPE MADE IN STANDARD WEAVE



PASTUCH PP ROPE MADE IN THE “SPARK” SYSTEM



FEATURES OF THE PASTUCH SYSTEM

The Pastuch system is a 1-, 2- or 3-strand premium polypropylene rope. The rope contains one or more stainless steel wires of a suitable diameter, ensuring excellent mechanical properties and electrical conductivity. The colour of the ropes matches the colour vision spectrum of the animals so that they can easily distinguish the ropes from the surrounding environment.

One of the achievements incorporated in the Pastuch rope is the SPARK technology. The conductor of the Pastuch system is made of top-quality stainless steel, and it is wound around a core consisting of strands made of pure polypropylene with increased tensile strength and enhanced resistance to climate conditions. Thanks to the unique method used to wrap the core, the breaking stress transferred by the polypropylene core straightens the helix of the steel conductor, minimising the breaking stresses that affect it.

SPARK

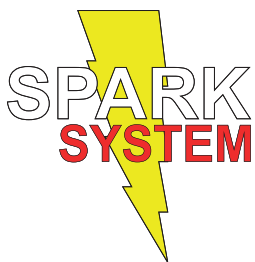
SYSTEM TECHNOLOGY



When the SPARK system is used, the conductor is slightly embedded in the core of the rope. Since plants have a very high internal resistance relative to the animals, this limits the direct contact with the conductor and minimises sparking. This solution enables unprecedented resistance to the leakage of the electric charge into the ground, increasing the effectiveness of animal protection.

Pastuch systems using the SPARK technology offer excellent strength and visibility and minimum leakage of the charge into the ground and provide very effective animal protection.

Products made with the **SPARK** technology are marked with a dedicated logo:



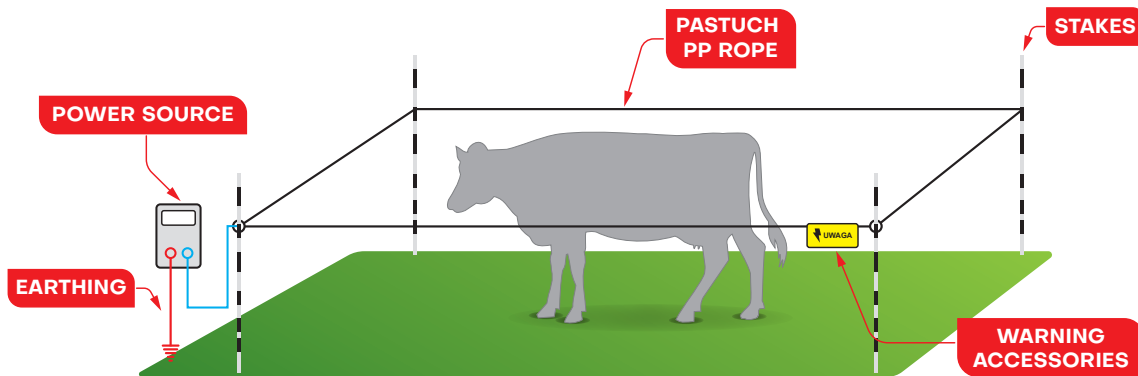
Other characteristics of the Pastuch:

- ⚡ Top-quality materials.
- ⚡ Excellent breaking strength.
- ⚡ Appropriate elongation capability to prevent breaking even if the tension of the rope is significantly increased.
- ⚡ High resistance to degradation due to atmospheric and environmental factors.
- ⚡ Conductivity specifically tailored to the relevant type of animals.
- ⚡ UV radiation stabiliser in every offered product.
- ⚡ Easy uncoiling of the rope.
- ⚡ Colours suitable for the type of animals.
- ⚡ Easy installation and maintenance of the fence.
- ⚡ Compatibility with mains- and battery-supplied fences.
- ⚡ Effective protection of the animals in the enclosed area.
- ⚡ Protection against intrusion into the protected area.
- ⚡ Safe and non-invasive to animals.
- ⚡ Minimal current leakage to vegetation.

FENCE

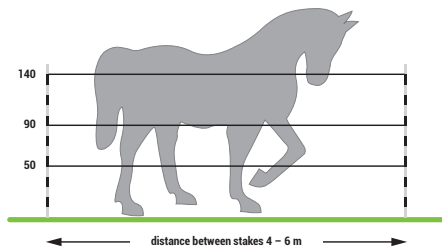
A full fence ensuring correct and continuous confinement of the animals inside the protected area should consist of the following:

- ⚡ Pastuch system,
- ⚡ wooden, concrete, steel or plastic posts of adequate height,
- ⚡ power source – mains- or battery-powered energiser, controlling the pulses and pulse power settings,
- ⚡ insulating, earthing and warning accessories.



FENCE SELECTION

The primary criterion for the correct selection of the product is the type of animals the Pastuch system is intended for. Below, we have provided some guidelines for fence selection. Depending on the diversity of the protected animals and topography, they may be modified accordingly.



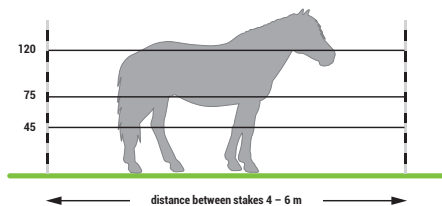
Horses

PASTUCH FARMER rope thickness 4 – 5 mm

number of conductors: 3

fence height: 140 cm – 90 cm – 50 cm

distance between stakes: 4 – 6 m



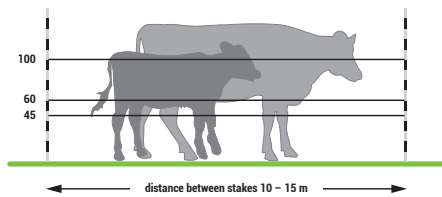
Ponies

PASTUCH FARMER rope thickness 4 – 5 mm

number of conductors: 3

fence height: 120 cm – 75 cm – 45 cm

distance between stakes: 4 – 6 m



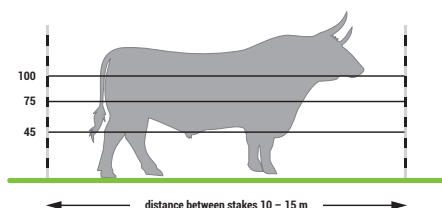
Dairy cows with calves

PASTUCH FARMER rope thickness 4 – 5 mm

number of conductors: 3

fence height: 90-100 cm – 60 cm – 45 cm

distance between stakes: 10 – 15 m



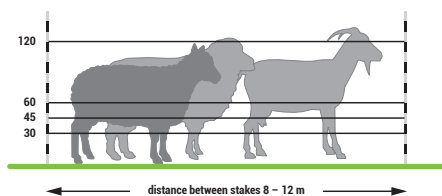
Bulls and beef cows

PASTUCH FARMER rope thickness – 5 mm

number of conductors: 3

fence height: 90-110 cm – 75 cm – 45 cm

distance between stakes: 10 – 15 m



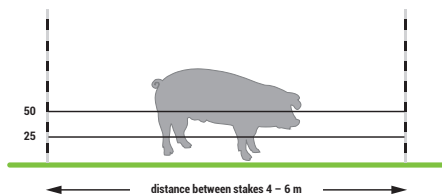
Sheep and goats

PASTUCH FARMER rope thickness - 5 mm

number of conductors: 4

fence height: 90-120 cm - 60 cm - 45 cm - 30 cm

distance between stakes: 8 - 12 m



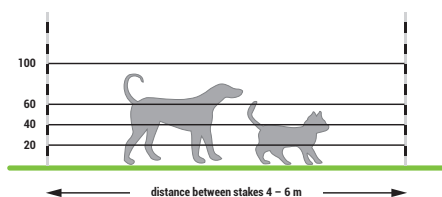
Pigs

PASTUCH FARMER rope thickness - 5 mm

number of conductors: 2

fence height: 50 cm - 25 cm

distance between stakes: 4 - 6 m



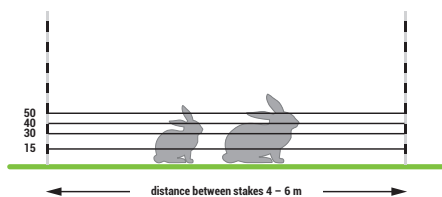
Dogs and cats

PASTUCH PATRON rope thickness - 3 mm

number of conductors: 4

fence height: 80-100 cm - 60 cm - 40 cm - 20 cm

distance between stakes: 4 - 6 m



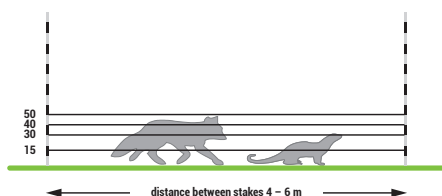
Rabbits and hares

PASTUCH PATRON rope thickness - 3 mm

number of conductors: 4

fence height: 50 cm - 40 cm - 30 cm - 15 cm

distance between stakes: 4 - 6 m



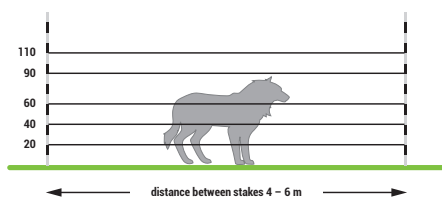
Foxes and otters

PASTUCH PATRON rope thickness - 3 mm

number of conductors: 4

fence height: 50 cm - 40 cm - 30 cm - 15 cm

distance between stakes: 4 - 6 m



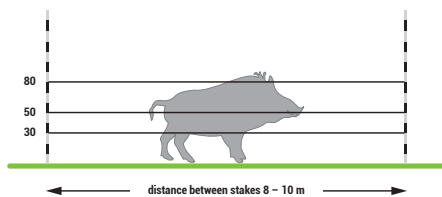
Wolves

PASTUCH LEŚNIK rope thickness 6 - 8 mm

number of conductors: 5

wys. ogrodzenia: 110 cm - 90 cm - 60 cm - 40 cm - 20 cm

distance between stakes: 4 - 6 m



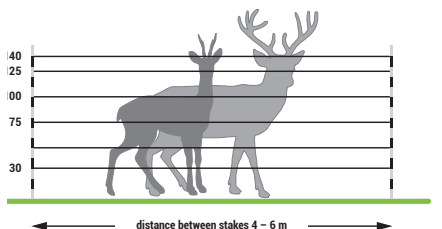
Wild boars

PASTUCH LEŚNIK rope thickness 6 - 8 mm

number of conductors: 3

fence height: 80 cm - 50 cm - 30 cm

distance between stakes: 8 - 10 m



Deer and roe deer

PASTUCH LEŚNIK rope thickness 6 - 8 mm

number of conductors: 5

wys. ogrodzenia: 140 cm - 125 cm - 100 cm - 75 cm - 30 cm

distance between stakes: 4 - 6 m

Our offering includes three different types of Pastuch, carefully tailored to the needs of different breeders and users. We created them to ensure optimum protection for domestic and wild animals. Step by step, in cooperation with the users, we have developed the perfect combination of quality with effective protection in various terrains, environments and climates.

PATRON

PATRON for small pets. A standard PP rope is stranded from two coloured strands, with an interweaved stainless steel wire, which is the perfect solution for the protection of pets. This rope will protect your dog, cat, rabbit or hen, ensuring peace of mind and safety for your pets. Pastuch is well-suited for any weather conditions, and

the UV stabiliser will protect it from strong sunlight. The unique properties of the rope using the SPARK system ensure that it can also be used for protection against small forest mammals, e.g., foxes, rabbits and otters.



PATRON Ø 3 - 500 m / SPARK

- ⚡ 2 rope strands + 1 wire
- ⚡ 0.3 mm wire
- ⚡ 11.0 Ω/m
- ⚡ strength: 90 kG
- ⚡ blue, blue and yellow, yellow and orange colour

PATRON Ø 3 - 500 m / STANDARD

- ⚡ 2 rope strands + 2 wires
- ⚡ 0.2 mm wire
- ⚡ 12.0 Ω/m
- ⚡ strength: 90 kG
- ⚡ blue, blue and yellow, yellow and orange colour

Suitable for: dogs, cats, rabbits, hares, otters, foxes.

FARMER

FARMER, if you run a farm with larger animals, such as horses, cows or pigs, the Pastuch Farmer system is the thing for you. To protect large pastures, you need a rope with excellent performance. The 3-strand polypropylene rope has been wrapped around a paper tube for quick and easy application. Thanks to the three stainless steel wires, perfectly interwoven with a

special coloured rope, the system effectively prevents the animals from escaping and protects against the intrusion of wild animals, which is necessary to keep your farm safe. FARMER ropes are also made using the timeless SPARK system.



FARMER Ø 4 - 500 m / SPARK

- ⚡ 3 rope strands + 1 wire
- ⚡ 0.5 mm wire
- ⚡ 4.1 Ω/m
- ⚡ strength: 338 kG
- ⚡ blue, blue and yellow, yellow and orange colour

FARMER Ø 5 - 500 m / STANDARD

- ⚡ 3 rope strands + 3 wires
- ⚡ 0.3 mm wire
- ⚡ 3.8 Ω/m
- ⚡ strength: 507 kG
- ⚡ blue, blue and yellow, yellow and orange colour

Suitable for: horses, ponies, meat and dairy cows, calves, bulls, sheep, goats and pigs.

LEŚNIK is the new generation of product using the new SPARK technology, dedicated to fence off wooded areas to prevent the ingress of wild animals such as deer, boars and wolves. The three-strand rope with a stainless steel wire introduced as an additional conductor ensures excellent strength and conductivity. It also ensures higher resistance to plant growth.

This is something to consider when you choose the energiser and the environment in which the rope will be used. The colours of the rope make it very easy to see for forest animals. The fence helps to preserve the natural balance in the ecosystem, protecting both wild animals and vegetation.



LEŚNIK Ø 6 - 250 m / SPARK

- ⚡ 2 rope strands + 1 wire
- ⚡ 1.0 mm wire
- ⚡ 1.0 Ω/m
- ⚡ strength: 750 kG
- ⚡ blue, blue and yellow, yellow and orange colour

LEŚNIK Ø 8 - 250 m / SPARK

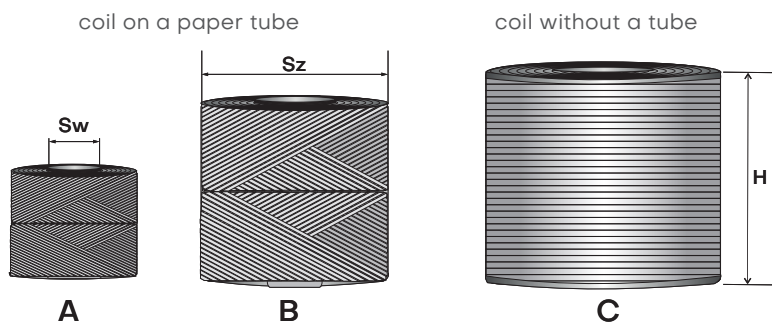
- ⚡ 3 rope strands + 1 wire
- ⚡ 1.0 mm wire
- ⚡ 1.0 Ω/m
- ⚡ strength: 1100 kG
- ⚡ blue, blue and yellow, yellow and orange colour

Suitable for: red deer, roe deer, boars and wolves.

Our ropes are **25% stronger** than the products available in the market.

Pastuch is formed into coils wound in a criss-cross pattern on a paper tube. Depending on the length and thickness of the Pastuch system, the coils are designated with letters **A, B and C**, representing the height and diameter of the coil.

DESIGNATIONS OF COILS DEPENDING ON HEIGHT AND DIAMETER



PASTUCH - ELECTRIC FENCE PP ROPE

Product name	PP rope diameter (mm)	Coil length (m)	Number of rope strands	Type of conductors	Resistance (Ω/m)	Strength (kG)	Coil type	Coil dimensions Sz/H (mm)	Tube dimensions Sw/H (mm)
PATRON SPARK	Ø 3	500	2 x 1	1 x 0.30 mm stainless steel	11	90	A	160 x 145	60 x 145
PATRON STANDARD	Ø 3	500	2 x 2	2 x 0.20 mm stainless steel	12	90	A	160 x 145	60 x 145
FARMER SPARK	Ø 4	500	2 x 1	1 x 0.30 mm stainless steel	4.1	338	B	245 x 250	60 x 250
FARMER STANDARD	Ø 5	500	3 x 3	3 x 0.30 mm stainless steel	3.8	507	B	280 x 250	60 x 250
LEŚNIK SPARK	Ø 6	250	2 x 1	1 x 1.00 mm stainless steel	1.0	750	C	270 x 285	-
LEŚNIK SPARK	Ø 8	250	3 x 1	1 x 1.00 mm stainless steel	1.0	1100	C	300 x 285	-

The information included above is standard information and may be changed depending on the modifications of the product, technological progress and/or the individual requirements of the user.



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PRODUCT CATALOG



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