

Horses—up to 5 strands

A very popular horse fence due to its low cost and ease/speed of installation compared to vinyl, wood or woven-wire permanent horse fences.

Consists of up to 5 strands of electrifiable long-lasting rope strained between wood end and corner posts, supported by wood or steel line posts.

Spacing of line posts (not more than 35 ft) must be adjusted to terrain. Always put a post at top of hills and bottom of valleys. Vary the spacing of rope strands according to type and size of horse(s), fence usage (boundary vs subdivision) and the number of strands.



Cattle—low-tension fence with up to 3 strands of rope

Consists of up to 3 electrified strands of IntelliRope®, EnduraSoft® or IntelliBraid®. These conductors withstand wind, snow and light ice storms better than twine, polywire or tape.

Hand-tension (25 to 40 lb) and supported with steel, wood, fiberglass or plastic line posts spaced up to 40 ft apart. Steel T posts and wood line posts are more expensive than FiberRods™ or step-in posts but are stronger, can take more side-strain and are more reliable year-round. End and corner posts are steel or wood.

Because the rope is pulled only hand-tight, this fence design is better than HT wire fences for irregular fence lines that curve or go up and down frequently. The fence is also simple and rapid to install and remove.

A wide-impedance energizer is advised for most “4-season” fences (a fence that must work when grass stays brown or snow covers the ground).



Sheep/Goats—multi-strand (without reels)

Low-cost design for fences expected to remain in place less than 5 years.

Conductors (twine, tape, rope and/or MaxiShock™) are hand-tensioned. End and corner posts are steel T or wood. Line posts are FiberRod™ or steel T posts.

Up to 7 strands in response to predator and livestock pressure. We prefer 4 strands of IntelliTwine™ and 1 IntelliRope® PE 4.5 for perimeter fences—and 2 IntelliTwine™ with 1 IntelliRope® PE 4.5 for internal fences.

For dry or snow-covered sites, alternating the hot/ground connections is advised.

Regular maintenance (every 2 months) is required to adjust tension of conductors and reset any loose line posts. Tree limbs that happen to fall upon the fence must be removed immediately.

Please Read! In 1991, an accidental fatality occurred when a very young child's head came in contact with an electrified fence wire while the child was crawling through wet grass. The fence was correctly installed and functioning properly. The energizer was a small plug-in unit and UL approved. The fence wire was electroplastic twine—a relatively poor conductor compared to steel, copper or aluminum wire.

We strongly caution adults to keep all small children away from all electrified fences. Children should be warned not to play in an area where electrified fences exist. Individuals of all ages should take extra care to avoid accidentally contacting electrified fences with the head and neck.

Installation Instructions

- IntelliRope® PE 6.0
- EnduraSoft® 6.0
- IntelliBraid® 6.0



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To install

If posts are power-driven, only a battery drill, cutters and screwdriver are needed. We do 500 ft in 2 hours if posts are already in place.

1. Install wood end, corner and line posts.
2. Attach insulators to posts.
3. Attach rope to one end.
4. Clip rope into insulators. Pull until the P Spring is 50% compressed. Terminate it.
5. Connect ropes together electrically at one end with a piece of insulated wire or Rope-to-Rope Link.
6. Install and connect the energizer. Voltage should be over 1500 volts.

Suggested heights

For Horses:

- 5 strands—60", 48", 36", 24", 12"
- 2 strands—48", 24-27"

For Sheep/Goats:

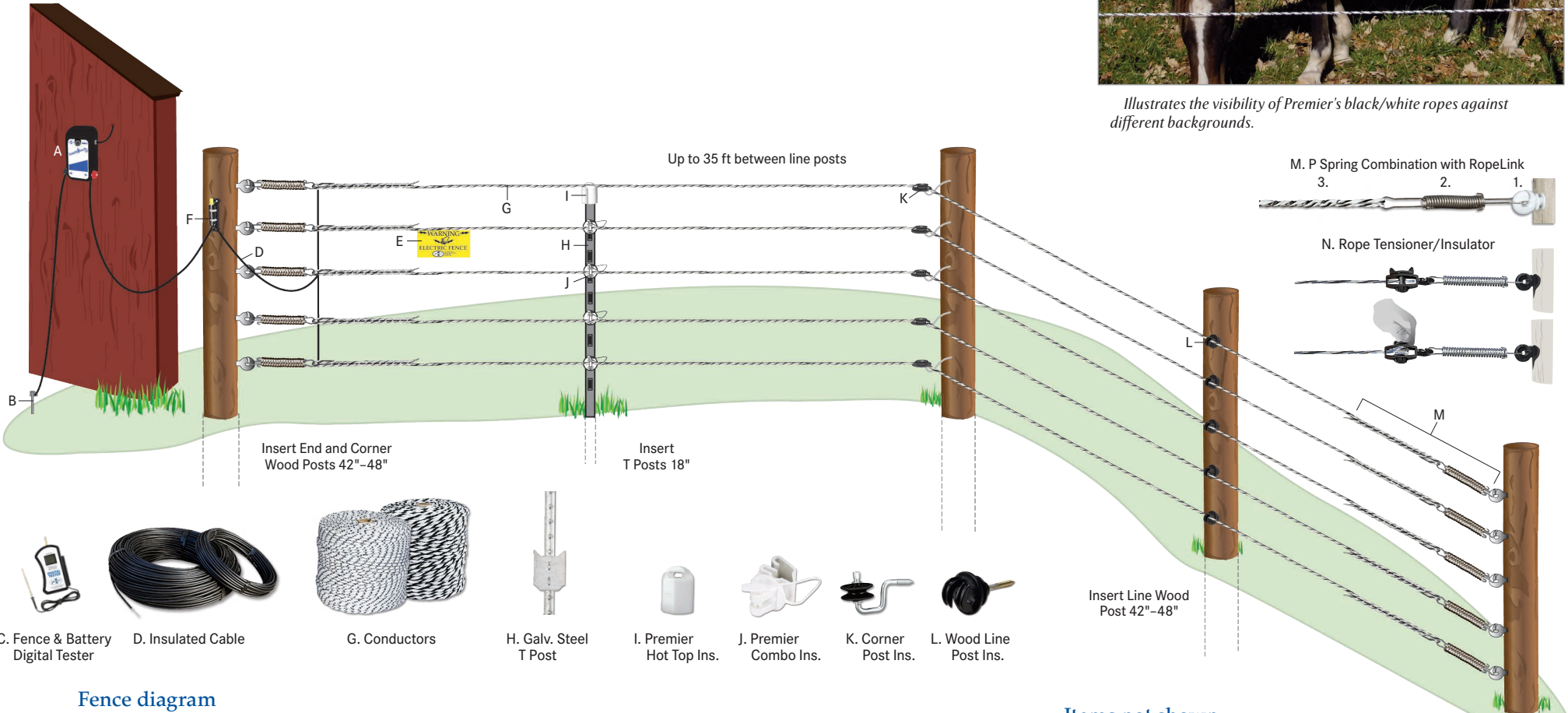
- 5 strands—36", 27", 20", 13", 7"
- 3 strands—27", 15", 7"

For Cattle:

- 3 strands—45", 29", 15"
- 2 strands—34", 27"
- 1 strand—34"



Illustrates the visibility of Premier's black/white ropes against different backgrounds.



- C. Fence & Battery Digital Tester
- D. Insulated Cable



G. Conductors



H. Galv. Steel T Post



I. Premier Hot Top Ins.



J. Premier Combo Ins.



K. Corner Post Ins.



L. Wood Line Post Ins.

Fence diagram

Product Name	Item
A. Battery or Plug-in Energizers	
B. Galvanized Ground Rod, 6' x 5/8".....	#151000
Stainless Clamp.....	#151800
C. Fence & Battery Digital Tester.....	#200010
D. Insulated Cable.....	
E. Warning Sign.....	#346000
F. Cut-Out Switch.....	#333000

Product Name	Item
G. EnduraSoft 6.0, 660'.....	#256500
IntelliRope PE 6.0, 660'.....	#256900
IntelliBraid, 660'.....	#256710
H. Galvanized Steel T Post, 7'.....	#327800
I. Premier Hot Top Insulator.....	#381000
J. Premier Combo Insulator.....	#380321
K. Corner Post Insulator.....	#380900

Product Name	Item
L. Wood Line Post Insulator.....	#380712
M. P Spring Combination	
1. TuffRing II Insulator.....	#380705
2. SS P Spring.....	#255010
3. RopeLink 2.0.....	#256210
N. Rope Tensioner/Insulator.....	#255020

Items not shown

Product Name	Item
Rope Connector 1.0.....	#256200
Rope-to-Energizer Link.....	#335600