

Fi-Shock™



CATALOG | 2017

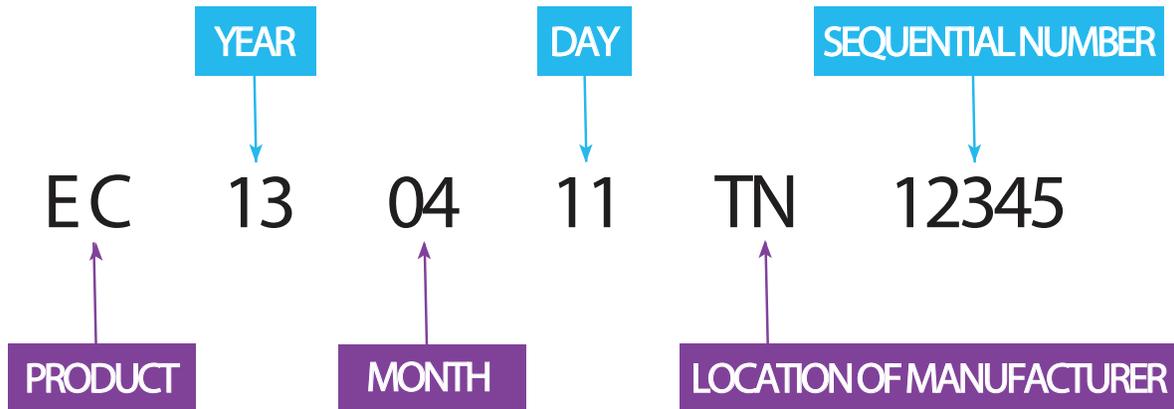


ELECTRONIC CONTAINMENT

Serial Numbers

NEW

Standardized serial number format that is easy to interpret.



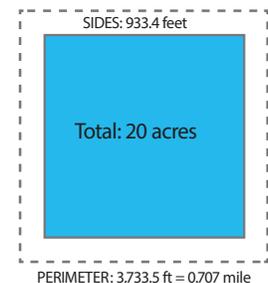
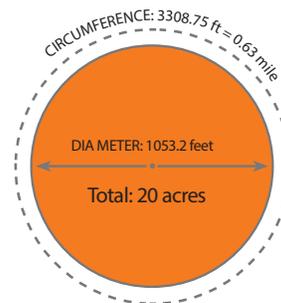
Understanding Acreage

An acre is a total area of 43,560 square feet . Acreage is not limited to one shape but can be round, oval, square, rectangular, triangular, or irregular as long as the square footage is correct. There are many ways you could create an area of 20 acres.

Let's review a few:

The smallest possible perimeter for 20 acres would be a circle with a diameter of 1053.2 feet. The circumference is **3308.75 ft = 0.63 mile.**

The smallest possible plot with straight sides would be a square, with sides of 933.4 feet, and perimeter of **3,733.5 ft = 0.707 mile.**



But you can make 20 acres have as large a perimeter as you want, with no upper limit. For example:

PERIMETER : 33 miles and 20 ft

A strip of land 10 feet wide and 87,120 ft (16.5 miles) long. Area = 20 acres. Perimeter = **33 miles and 20 ft.**

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Fi-Shock provides complete energized fencing systems to control a wide variety of animals. A typical energized or electric fencing is a psychological barrier that keeps domestic animals in and wild animals out, even over long distances. High Tensile energized fencing systems can be both a psychological and a physical barrier for animals being controlled.

Safety: Energized fencing systems provide a safe alternative to woven and barbed wire fences. A pulsed electrical current is sent along the fence wire, about one pulse per second, from an energizer. These short electrical pulses produce a short and sharp but safe shock which translates to a psychological barrier that trains the animal to avoid the fence. The shock is sufficient enough that the animal will remember and stay away from the fence.

Ease of installation: Energized fencing systems install quickly with minimal tools, saving on labor.

Low cost: Cost savings is significant when compared to other fencing options such as wood rail, vinyl fencing, woven wire or barbed wire.

Flexibility: Fi-Shock systems give you the flexibility you need to design an ideal enclosure, whether a portable application, semi-permanent, as an add-on to a permanent perimeter fence or as a stand-alone high tensile permanent perimeter fence.

How energized fencing systems work:

A typical electric fence is a psychological barrier meaning that the animal will touch the fence and become "trained" not to go near the fence. The fence must be well-designed and constructed to absorb some pressure from animals, snow and wind. The energizer must have enough power for the length of the fence and for the animals being controlled.

When an animal comes in contact with an electrically charged fence wire, the animal will feel the electric current because the electrical charge passes through the animal to earth ground, thus completing the electrical circuit. If the animal and the ground terminal of the energizer are not sufficiently grounded, the path of electric current cannot be completed and the animal will not feel the shock. Since the earth is half of the electric fence circuit, it is very important to have a properly installed ground circuit. In areas where poor soil and earth grounding conditions exist, a two-wire system can be used with one wire being electrically charged while the other wire acts as earth ground. The "two-wire system" is utilized when there are alternating "hot" and ground wires installed.

Also, the electrically charged fence wire must always be properly installed and not be allowed to come into contact with shrubs, tall grass, and any other conductive objects on a continual basis. Otherwise the electric charge from the fence wire will lose its "shocking" power. Regardless of what wiring system is utilized, ground rod(s) and their connection to the energizer's ground terminal must always be used.

We hope this catalog provides the information you need to plan and install your Fi-Shock energized fencing system. For more information please visit our website at www.fishock.com.



SOLAR ENERGIZERS

SOLAR FENCE CONTROLLERS

Our solar fence energizers include gel cell batteries matched to the energizer's circuitry and solar panel. Once fully charged, the battery can maintain a charge for up to three weeks, even in cloudy or rainy weather, making them ideal for remote locations.

All Fi-Shock solar fence controllers use low impedance technology to maintain maximum energy levels. They can compensate for energy loss caused by vegetation or fence load, enabling them to power long fences with moderate weeds.

The large output models are effective in light to heavy weed conditions and are ideal for longer, multi-strand poly wire, tape, rope or high tensile fence systems. Use for all animals including predators.

Convenient carry handle and versatile mounting bracket allow for easy movement between locations and fast installation on wood posts, T-posts, U-posts, or on the sides of buildings.



Model #	Description & Features	Output Voltage/ Energy	Master Ctn.	Animals Controlled
ESP10M-FS	Solar Powered, 10 Miles. 6 V battery-operated. Includes energizer, solar panel, 6 V rechargeable battery, and housing. Has intermittent DC output.	10 KV (+/- 20%) open circuit .15 Joule	1	ALL
ESP5M-FS	Solar Powered, 5 Miles. 6 V battery-operated. Includes energizer, solar panel, 6 V rechargeable battery, and housing. Has intermittent DC output. Able to rotate on T-Post to face the direction of the sun.	9 KV (+/- 20%) open circuit .1 Joule	1	
ESP2M-FS	Solar Powered, 2 Miles. Resists shorts when fence is in contact with weeds and uses no fuse. Solar panel features compartmental damage-resistant construction. Has intermittent DC output. 4 volt battery.	8 KV (+/- 20%) open circuit .04 Joule	1	



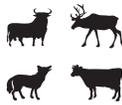
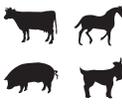
SB1R	6V Rechargeable battery for ESP10M	1
SB3ZR	6V Rechargeable battery for ESP5M	1
301-569R	4V Rechargeable battery for ESP2M	1

GROUNDING



Model #	Description	Features	Master Ctn.
A-7	Six Foot Ground Rod	Essential for proper grounding of fence energizers. Copper-coated ground rod. Weight: 5.10 lbs. each	5 per carton
A-21	6 Ft. 5/8" Galvanized Ground Rod	Weight: 4.85 lbs. each Essential for proper grounding of fence energizers.	5 per carton/ bundle
A-22	8 Ft.	Weight: 6.13 lbs. each	
GRC-FS	Ground Clamp	Heavy-duty, cast iron construction helps make a superior connection of ground wire to ground rod in a pegable bag.	10 per carton

AC FENCE ENERGIZERS

	Model #	Description & Features	Output Voltage/ Energy	Master Ctn.	Animals Controlled
	LOW IMPEDANCE				
	EAC100M-FS	AC Powered, 100 Miles. 3 year warranty when registered online. Has intermittent DC output. UL listed.	6 Joules	1	
	EAC50M-FS	AC Powered, 50 Miles. 3 year warranty when registered online. Has intermittent DC output. UL listed.	2 Joules	2	
	EAC25M-FS	AC Powered, 25 Miles. 2 year warranty. Has intermittent DC output. UL listed.	1 Joule	2	ALL
	EAC10M-FS	AC Powered, 10 Miles. UL listed high-power, low-cost electric powered fence energizer. Has intermittent AC output. One year limited warranty.	0.5 Joule	2	
	EA5M-FS	AC Powered, 5 Miles. UL listed high-power, low-cost electric powered fence energizer. Has intermittent AC output. One year limited warranty.	0.1 Joule	4	
	EA2M-FS	AC Powered, 2 Miles. UL listed high-power, low-cost electric powered fence energizer. Has intermittent AC output. One year limited warranty. Plugs directly into outlet. with no power cord	0.07 Joule	4	
SOLID STATE					
	SS-9000X	DC or AC Powered, 20 Miles. This low impedance energizer can be plugged into a standard 110 VAC outlet or hooked to a 6 or 12 V battery. AC adaptor & battery clamps included. Has intermittent DC output. Two year limited warranty.	8 KV +/- 20% open circuit voltage	2	
	SS-1000X	AC Powered, 20 Miles. Solid-state, AC powered fence energizer. Strong enough to shock through weeds & grass. Fused panel protection. Uses two 1 amp fuses (301-402). Has intermittent DC output and is UL listed. Two year limited warranty.	15KV +/- 20% open circuit voltage	2	
	EAC10A-FS	AC Powered, 10 Acres. Has continuous AC current output. One year limited warranty. Do not use with poly tape, wire or rope.	1.2 KV +/- 20% open circuit voltage	2	
	EAC5A-FS	AC Powered, 5 Acres. For use with pets and small animals. Has an intermittent AC output and one year limited warranty.	1.2 KV +/- 20% open circuit voltage	2	
	SS-725CS	AC Powered, 5 Acres. Plugs into a standard 110-120 V outlet. Has a continuous AC current output. One year limited warranty.	800 V +/- 20% open circuit voltage	2	
SOLID STATE POULTRY ENERGIZERS					
	SS-600	AC, 1 Mile. Electric powered, continuous AC output. Effective for adult chickens and other poultry. One year limited warranty.	800 VAC +/- 20% open circuit voltage	1	
	SS-600HL	AC Powered, 1 Mile. Gives a choice of high or low output voltage. The light indicates unit is plugged in and operating properly. Has continuous AC output. One year limited warranty.	High: 800 VAC +/- 20% open circuit voltage Low: 600 VAC +/- 20% open circuit voltage	1	

AC FENCE CONTROLLERS

AC-operated fence controllers are the best option where you have a reliable source of 110-volt electrical power. We offer a range of controllers for distances up to 100 miles.

- Rugged, weather-resistant cabinets
- Digital timing
- UL listed for key models
- Indicator light showing fence controller is working
- Easy-access terminals and mounting brackets that allow for quick connections and installation
- A 1 to 3 year warranty that includes damage caused by lightning

The large output models are effective in light to heavy weed conditions and are ideal for longer, multi-strand poly wire, tape, rope or high tensile fence systems. Use for all animals including predators.

DC FENCE ENERGIZERS

DC FENCE CONTROLLERS

Battery-operated fence controllers are ideal for remote locations or areas without access to AC power.

DC controllers feature:

- Rugged, weather resistant cabinets
- Digital timing
- Indicator light showing fence controller is working
- Easy-access terminals and mounting brackets that allow for quick connections and installation
- Warranties that include damage caused by lightning
- We recommend 6 or 12-volt rechargeable deep cycle batteries (not included with fence controller)—batteries must be checked and charged on a regular basis to maintain secure fence operation

The large output models are effective in moderate to heavy weed conditions and are ideal for longer, multi-strand poly wire, tape, rope or high tensile fence systems. Use for all animals including predators.

	Model #	Description & Features	Output Voltage/ Energy	Master Ctn.	Animals Controlled
	EDC25M-FS	DC Powered, 25 Miles. Operates off 12 volt battery. Battery clamps included. Has intermittent DC output. Two year limited warranty.	1.2 Joules	2	ALL
	EDC15M-FS	DC Powered, 15 Miles. Operates off 12 volt battery. Battery clamps included. Has intermittent DC output. One year limited warranty.	.8 Joules	2	
	SS-9000X	DC or AC Powered, 20 Miles. This low-impedance energizer can be plugged into a standard 110 VAC outlet or hooked to a 6 or 12 V battery. AC adaptor & battery clamps included. Has intermittent DC output. Two year limited warranty.	8 KV +/- 20% open circuit voltage	2	
	SS-2LGX	Nuisance Animal Energizer. Prevents damage from animal mischief. Powered by two D-cell batteries (not included). Includes a mounting stake which makes for easy installation. Has intermittent DC output. One year limited warranty.	7.5 KV +/- 20% open circuit voltage	2	
	SS-2DX	Pet Energizer. Prevents damage from animal mischief. Powered by two D-cell batteries (not included). Includes a mounting stake which makes for easy installation. Has intermittent DC output. One year limited warranty.	7.5 KV +/- 20% open circuit voltage	2	

TESTERS

	Model #	Description	Features	Master Ctn.
	DEFT-FS	Digital Voltmeter	Measures the voltage on an electric fence up to 19.9 KV and operates off a 9 V battery. Blister packed on a pegable card. Works with peak discharge, intermittent fence energizers.	1 per carton
	A5LVT-FS	Multi-Light Electric Fence Tester	Lights calibrated to glow from 600 to 5500 volts ideal for measuring voltage drop between points along fence. Blister packer on pegable cards.	5 per carton
	A1LVT-FS	Electric Fence Tester	Light indicates current flow through fence wire. Molded of high-impact plastic. Blister packed on pegable card.	10 per carton

PET & HORSE KITS



Model #	Description	Features	Master Ctn.
SS-750RPX	Electric Fence Kit for Pets & Small Animals	Contains one UL listed electric fence energizer, ten 23" PVC fence poles, one 22" ground rod, 100 feet of aluminum wire, 50 cotter pins for fastening wire, one ground clamp, two extra fuses & easy to follow instructions. Has intermittent AC output. One year limited warranty.	1
A-20KX	Accessory Kit for Pets & Small Animals	Contains everything needed to assemble an electric fence system (excluding energizer) or to extend model number SS-750RPX (which includes the energizer). Kit contains: 18"-23" PVC fence poles, 1 two-foot copper-coated ground rod, 50 cotter pins, 1 heavy-duty ground clamp, 1 fence tester, 250 ft. spool 17 gauge aluminum wire and 1 electric fence warning sign.	1
A-15PX	23" PVC Fence Poles	Made of heavy-duty PVC in a forest green color to blend with nature. Cotter pins not included. Packed 15 poles per carton.	1
A-30P	23" PVC Fence Poles	Made of heavy-duty PVC in a forest green color to blend with nature. Cotter pins not included. Packed 30 poles per carton.	1
SS-725RP	Economy Pet Deterrent Kit	Contains one energizer, ten 23" PVC fence poles, one 22" ground rod, 100 feet of aluminum wire, 50 cotter pins for fastening wire, one ground clamp & easy to follow instructions. Has continuous AC output. One year limited warranty.	1



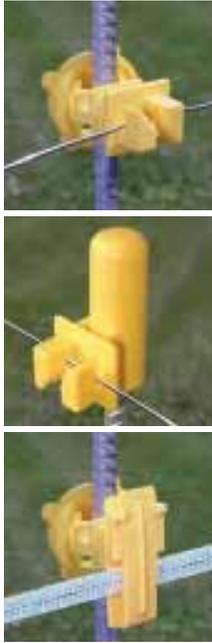
HC-100 Portable Paddock

Electric fencing system perfect for containing 4-5 horses for short periods of time. Ideal for wagon trails, trail rides, polo matches and horse shows. Portable paddock is packed in a light weight canvas bag with a shoulder strap and comes with everything you need to quickly and easily set up a 25' x 25' double line enclosure or a 50' x 50' single line enclosure. Contains: Heavy duty nylon bag, above ground battery-operated electric fence energizer with mounting stake, eight 4 ft. step-in posts, 200 ft. spool of polytape, 4 corner bracing stakes, one 9" ground spike, 1 fence lead wire with poly tape clip, 1 ground lead wire with clamp, 4 adjustable corner bracing guy lines.

Model: HC-100 UPC 0-17051-11000-8
 Input voltage: 2-D cell batteries
 Master Carton: 1 per carton

ROUND/ROD POST INSULATORS

Round post insulators are molded from heavy-duty polyethylene and are designed to fasten electrified wire to round/rod posts without losing energy through the post. There are several styles to choose from because the insulator must match both the type of wire and the type of fence post being used. Using a good insulator is important in maintaining the performance of your fence.



Model #	Colors	Description	Features	Master Ctn.
IRY-FS	Yellow	Screw-on Round Post Insulator	Two molded pieces that will fit all posts 1/2" in diameter and smaller and can be used for wire, polyrope and polywire.	10 bags per carton, 25 insulators per bag
IRCPY-FS	Yellow	Safety Cap Round Post Insulator	Single molded piece for use with 3/8" and 5/16" steel posts and will protect people and animals from sharp edges on the posts. May be installed with wire holders facing in any direction. Wide grooves allow for use with all gauges of electric fence wire.	10 bags per carton, 25 insulators per bag
IRTY-FS	Yellow	Polytape Round Post Insulator	Two molded pieces with tape holder that locks/unlocks for easy installation of wire, polytape up to 2" wide and polywire. Tape holder holds tape tightly to limit movement. Can be used on posts between 1/4" and 9/16" in diameter.	10 bags per carton, 25 insulators per bag

STEP-IN FENCE POST



Model #	Colors	Description	Features	Master Ctn.
A-48 A-48B	White Black	4 Ft. (48") Step-in Fence Post	Molded clips hold electric fence wire & polytape (up to 2" wide). Molded from reinforced polypropylene with reinforced ribs for strength and a heavy-duty steel stake. Features large step-in flange and anti-rotation spike to keep stake from turning.	50 per carton
P-30G	Green	30" Step-in Post	Molded to hold wire, poly wire, poly rope and 1/2" poly tape. Made with reinforced polypropylene ribs and tip.	25 per carton



T-POST INSULATORS

The Fi-Shock T-post insulators are designed to be fastened to all standard T-posts (1.25" & 1.33") without losing energy through the post while requiring no additional hardware to install. There are several styles to choose from because the insulator must match both the type of wire and the type of fence post being used. Using a good insulator is important to maintain the performance of your fence. Fi-Shock T-post insulators snap on and around posts and are molded from high-density polyethylene with UV inhibitors. This prevents arcing and provides long life for all-weather performance.

	Model #	Colors	Description	Features	Master Ctn.
	IT2XY-FS	Yellow	Snap-on 2" Extender T-Post Insulator	One molded piece that fits all standard stubbed T-posts and extends the wire 2" from the post.	10 bags per carton, 25 insulators per bag
	ITY-FS	Yellow	Standard Snug-fitting T-Post Insulator	One molded piece that fits close and tight to all standard stubbed T-Posts.	10 bags per carton, 25 insulators per bag
	IT5XY-FS	Yellow	Snap-on 5" Extender T-Post Insulator	One molded piece that fits all standard stubbed T-posts and extends the wire 5" from the post.	10 bags per carton, 25 insulators per bag
	ITRXY-FS	Yellow	Snap-on 5" Reversed Extender T-Post Insulator	One molded piece that fits the reversed side of all standard stubbed T-posts extending the wire 5" from the post.	10 bags per carton, 25 insulators per bag
	ITSOY-FS	Yellow	Screw-on T-Post Insulator	Two molded parts ensures a tight, secure fit on all standard stubbed T-Posts & eliminates dislodging in high winds or under heavy loads.	10 bags per carton, 25 insulators per bag
	ITPLY-FS ITPLB-FS	Yellow Black	Pin-lock, Snap-on T-Post Insulator	One molded piece that fits all standard stubbed T-posts. Molded pin holds wire tightly. Pull pin to release the wire. The heavy duty flange holds insulator securely to T-Post.	10 bags per carton, 25 insulators per bag
	IWTPLB-FS	Black	Pin-lock Wood & T-post Insulator	One molded piece that fits all standard stubbed T-posts AND wood posts. Molded pin holds wire tightly. Pull pin to release the wire. Can be used with high tensile fencing systems.	10 bags per carton, 25 insulators per bag
	ITCPY-FS ITCPW-FS	Yellow White	T-post Safety Cap & Insulator	One molded piece that fits all standard stubbed T-posts while protecting people and animals from sharp-edged T-post tops. Accommodates any gauge polywire and polytape up to 2". Holds tape tightly to limit movement.	10 bags per carton, 10 insulators per bag
	ITTY-FS ITTW-FS	Yellow White	Polytape T-Post Insulator	One molded piece of heavy-duty material that fits all standard stubbed T-posts and can manage, wire, polytape up to 2" wide and polywire. Holds tape tightly to limit movement. Tape holder locks/unlocks for easy installation of wire and polytape.	10 bags per carton, 25 insulators per bag

WOOD POST INSULATORS

Wood post insulators allow you to fasten electrified wire or poly products to wood posts without losing energy through the post. There are several styles to choose from because the insulator must match both the type of wire and the type of post being used. Using a good insulator is important to maintain the performance of your fence. The Fi-Shock wood post insulators are nailed to the post and are molded from high-density polyethylene with UV inhibitors for all-weather performance. Most Fi-Shock wood post insulators come with a specialized long ribbed nail or double-headed nails for easy removal to relocate the insulator if desired. Fi-Shock is the only electric fence company to offer these specialized nails with each bag of selected wood post insulators.



Model #	Colors	Description	Features	Master Ctn.
IWSXNY-FS	Yellow	Nail-on 5" Extender Wood Post Insulator	One molded piece, includes heavy-duty ribbed nails to secure insulator to the post nails. Extends the wire 5" from the post.	10 bags per carton, 25 insulators per bag
IWNV-FS IWNB-FS	Yellow Black	Slant-nail Wood Post Insulator	One molded piece, includes double-headed nails. Extends wire 2½" from wood posts.	10 bags per carton, 25 insulators per bag
IWTPLB-FS	Black	Pin-lock Wood & T-post Insulator	One molded piece fits all standard stubbed T-posts AND wood posts. Molded pin holds wire tightly. Pull pin to release the wire. Can be used with high-tensile fence. Nails not included.	10 bags per carton, 25 insulators per bag
IWTNY-FS IWTNW-FS	Yellow White	Polytape Wood Post Insulator	One molded piece of heavy-duty polyethylene, including double headed nails. Can manage wire, polytape up to 2" wide and polywire. Holds tape tightly to limit movement. Tape holder locks/unlocks for installation of wire and polytape and holds tight to limit the movement of polytape.	10 bags per carton, 25 insulators per bag
IWKNY-FS IWKNB-FS	Yellow Black	Economy Wood Post Insulator	One molded piece. Nails included.	10 bags per carton, 25 insulators per bag
IWSIRB-FS	Black	Ring Wood Post Insulator	Unique insulated, angled slot ensures wire retention by screwing into wood post while working with wire, polywire or polyrope.	10 bags per carton, 25 insulators per bag



PORCELAIN INSULATORS

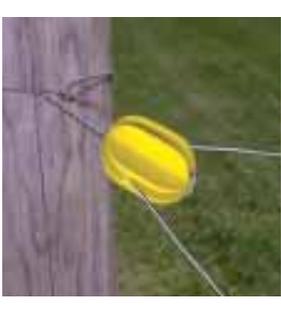
Fi-Shock porcelain insulators are produced from specially formulated electrical porcelain for superior insulation and strength. Fi-Shock porcelain insulators have the highest insulating properties for use in electric fencing and do not break down due to damage from the sun. When the Fi-Shock porcelain insulators are properly installed they will last the life of your fence. Porcelain insulators can handle any size fence wire including polywire and polyrope.



Model #	Description	Features	Master Ctn.
MP-4	U-Shaped Corner/End Post Porcelain Insulator	Heavy-duty insulator for use with all fence wire, polywire and polyrope. Can be used on high-tensile fencing. Specially designed for the extra tension at corners and end posts.	6 boxes per carton, 10 insulators per box
MP-5E	Ceramic Wood Post Porcelain Insulator	Single-groove wood post insulator with washer & double-headed nail.	10 boxes per carton, 10 insulators per box
MP-6	Small Corner/End Post Porcelain Insulator	These insulators can be used with all wire, polywire and polyrope, 1¼" diameter. Can be used with high-tensile fencing systems.	25 boxes per carton, 10 insulators per box
MP-36	Large Corner/End Post Porcelain Insulator	These insulators can be used with all wire, polywire and polyrope, 1¾" diameter. Can be used with high-tensile fencing systems.	25 boxes per carton, 10 insulators per box
MP-1929	Large Screw-in Porcelain Insulator	These heavy duty insulators can be used with all wire, polywire and polyrope, 2½" inch screw and 5¼" inch total length. Can be used with high-tensile fencing systems.	25 insulators per carton
MP-1933	Small Screw-in Porcelain Insulator	These insulators can be used with all wire, polywire and polyrope, 1¾" inch screw and 3½" inch total length. Can be used with high-tensile fencing systems.	25 insulators per carton
MP-1986	Screw-in Service Porcelain Holder Insulator	Made with hot-dipped galvanized steel base & strap with 2¼" screw. Can be used with high-tensile fencing systems.	25 insulators per carton

OTHER INSULATORS

Other insulators allow you to fasten electrified wire or poly products to posts and fences (such as chain link) without losing energy through the post or fence. There are several styles to choose from because the insulator must match both the type of wire and the type of fence post or fence being used. Using a good insulator is important to maintain the performance of your fence.

	Model #	Colors	Description	Features	Master Ctn.
	IUCLXY-FS	Yellow	Extension Bracket Insulator	For use on round or square posts, flat surfaces such as chain link fences and U-posts while extending wire 6" from fence/post.	4 boxes per carton, 8 insulators per box
	ICLXY-FS	Yellow	Chain Link Insulator	Heavy-duty bracket clamps securely to chain link fence while extending wire 4¼" from fence.	10 bags per carton, 10 insulators per bag
	ICY-FS	Yellow	Corner Post Insulator	Formed of thick, tough plastic to withstand strain of wire and is best for smaller, 15-17 gauge wire.	10 bags per carton, 10 insulators per bag
	ICDB-FS	Black	High Strain Corner and End Insulator	Designed for high strain, permanent or temporary electric fence and is best for 14 gauge wire or larger in high strain applications.	10 bags per carton, 10 insulators per bag
	ICJB-FS	Black	Large Corner Insulator	High-strength corner insulator molded of heavy-duty fiberglass-reinforced nylon.	10 bags per carton, 10 insulators per bag

GATES/HANDLES



Model #	Description	Features	Master Ctn.
AWPA-FS	Gate Handle Anchor	Insulated anchor to be used in wood posts to create hooks for electric fence gates.	5 bags per carton, 2 per bag
ATPA-FS	T-post Gate Handle Anchor	Insulated anchor to be used with T-posts to create hooks for electric fence gates.	5 bags per carton, 2 per bag
GHKS16-FS	Expandable Electric Fence Gate	Keeps electric fence gate taut with a highly visible spring, expands up to 20' and is electrified when closed, neutral when open. Includes galvanized spring, rubber gate handle, 2 pin-lock insulators, 1 ground connector & 1 hook assembly. Pegable card.	6 sets per carton
GHHDB-FS	Heavy Duty Gate Handle	Insulating grip is soft and flexible with safety flanges for extra shock protection. Unique fastening plate ensures a secure wire connection. Will not break, crack or chip with abuse. Steel components are plated to resist rust.	6 per carton
GHRY-FS	Rubber Gate Handle	Virtually indestructible and won't crack in cold weather. Tough polymer liner provides extra safety & strength. Available in a shelf ready display box.	24 per carton
GHPO-FS	Plastic Gate Handle	Molded of tough, high quality plastic with shock-proof thickness for safe handling protection. Available in a shelf ready display box.	24 per carton

TOOLS



Model #	Description	Features	Master Ctn.
ATMP-FS	Multi-Purpose Fence Tool	Drop forged carbon steel tool with vinyl grips. Pulls staples, twists wire, cuts wire, and can be used as a hammer. Packed 1 per blister card.	12 per carton
A-53	Wire Stretcher	Grips any type wire (smooth, barbed and High-Tensile) to aid in splicing and stretching wire fencing. Securely holds both wire ends in place as you splice, making fencing repairs easier. Ruggedly built with strong hooks and powerful, easy-to-use ratchet action.	4 per carton
A-54	Woven Wire Fence Stretcher	Great for 48" to 52" woven fence: chain link fence from 36" to 48" and many others. U-channel holds wire fence firmly and allows fence to be pulled evenly and tightly.	1 per carton
ATFC-FS	Fence Tool Combo	Two essential fencing tools combined. The easy fence tool makes unrolling barbed wire a one-person operation. The multipurpose fence tool pulls staples, twists wire, cuts wire, can be used as a hammer and is made of drop-forged carbon steel with vinyl grips in a pegable blister pack.	6 per carton
300-315	Easy Fence Tool	Makes stringing barbed wire much easier and cuts fencing time drastically. One person can unroll wire.	12 per carton

ACCESSORIES



Model #	Description	Features	Master Ctn.
ALA-FS	Lightning Arrestor Kit	Air gapped, carbon disc type arrestor, helps protect fence energizer from damage caused by lightning. Packed in pegable clamshell.	2 per carton
ACOS-FS	Cutout Switch	Use to switch off selected electric wires on a fence such as the lowest live wire when the grass is high. Handle prevents contact. One in each blister card.	6 per carton, 1 per card
A-12T	Electric Fence Warning Sign	Two holes in top for fastening to fence wire or for nailing to wood post. Black ink printed on yellow polypropylene in three languages. Each sign is 8" x 4" packed three to a pegable bag.	10 bags per carton, 3 signs per bag
A-71	Line Tightener	Tightens wire up to 9 gauge and 1/2" polytape. No tools required and easy to use. Packed 5 per pegable clamshell.	6 per carton
301-402	One Ampere Fuse	UL listed fuse. Convenient clip strip included in each master carton.	5 cards per carton, 5 fuses per card
301-404	1/16 Ampere Time-delay Fuse	UL listed fuse. Convenient clip strip included in master carton.	5 cards per carton, 5 fuses per card
IT50	50' Insultube	Use for insulating hot feed wires to be strung overhead or underground to bring electricity to the fence. Can also be cut to insulate hot wires from neutral wires & to enclose wires buried underground for crossing underneath gateways.	10 rolls per carton

WIRE



ALUMINUM WIRE					
Model #	Description	Features	Breaking Load	Tensile Strength	Master Ctn.
FW-00018D	250 ft., 17 Gauge Spool Aluminum Wire	Low strain, basic wire with high electric conductivity.	360 lbs.	50,000 psi	8 spools
FW-00001T	1/4 mile, 17 Gauge Spool Aluminum Wire	Low strain, basic wire with high electric conductivity.	90 lbs.	38,000 psi	4 spools
FW-00002	1/2 mile, 17 Gauge Spool Aluminum Wire	Low strain, basic wire with high electric conductivity.	90 lbs.	38,000 psi	4 spools
FW-00004	1/4 mile, 15 Gauge Spool Aluminum Wire	Low strain, basic wire with high electric conductivity.	150 lbs.	38,000 psi	8 spools
FW-00007T	1/4 mile, 14 Gauge Spool Aluminum Wire	High strain, basic wire with high electric conductivity (not high-tensile).	215 lbs.	38,000 psi	2 spools
FW-00008	1/2 mile, 14 Gauge Spool Aluminum Wire	High strain, basic wire with high electric conductivity (not high-tensile).	215 lbs.	38,000 psi	4 spools



GALVANIZED STEEL WIRE					
Model #	Description	Features	Breaking Load	Tensile Strength	Master Ctn.
WC-100	100 ft., 17 Gauge Galvanized Wire	Low Strain, basic wire.	95-120 lbs.	50,800-70,000 psi	25 coils per ctn.
WC-250	250 ft., 17 Gauge Galvanized Wire				12 coils per ctn.
WC-350	350 ft., 17 Gauge Galvanized Wire	Low Strain, basic wire.	95-120 lbs.	50,800-70,000 psi	8 spools per ctn.
WC-1320	1/4 mile, 17 Gauge Spool	Low Strain, basic wire.	95-120 lbs.	50,800-70,000 psi	4 spools per ctn.
WC-2640	1/2 mile, 17 Gauge Spool	Low Strain, basic wire.	95-120 lbs.	50,800-70,000 psi	2 spools per ctn.
WC-14200	200 ft., 14 Gauge Spool	High strain, basic wire (not high-tensile).	200-240 lbs.	50,800-70,000 psi	8 spools per ctn.
FG-01000	1000 ft., 12.5 Gauge Aluminized High Tensile Steel Wire	This is a heavy duty wire made of galvanized steel and dipped in aluminum to maximize the flow of electrical current. Aluminum carries the electrical charge 4 times better than galvanized alone and electrical current travels on the very outer edge of the wire. This wire has the strength to be used on high tensile fencing and allows the maximum electrical current flow.	1,400 +	170,000 psi	2 spools



SPECIALIZED STEEL WIRE			
Model #	Description	Features	Master Ctn.
UGC50	50' Insulated Cable	For use above or below ground. Made of nonconductive polyethylene which is surrounding a 12.5 gauge, 170,000 psi, class 3 galvanized wire. Weight: 2.77 lbs. per coil	4 coils per ctn.
500-552	200' Insulated Cable	For use above or below ground. Made of nonconductive polyethylene which is surrounding a 12.5 gauge, 170,000 psi, class 3 galvanized wire.	1 spool per ctn.

Zareba branded High-tensile fencing systems are an affordable, often electrified fence system that is an excellent choice for perimeter fences. When built correctly, a high-tensile fencing system will provide a permanent barrier to contain or exclude animals for years. These sturdy, permanent fences require braced corner and end posts (6-8" diameter) in wood along with special insulators, hardware, and tools that maintain constant high tension on metal wire. High-tensile fencing systems are considered a psychological AND physical barrier, meaning the fencing is strong enough to stop the animal. Because the wire can be very tight (about 250 pounds), wood posts (over 4 inches in diameter) can be placed 30-90' apart which is more than double what is required for regular fencing systems, thus reducing costs.

	Model #	Description	Features	Master Ctn.
	200-260	Multi-Groove Poly Spacer	49" tall high-density polyethylene, UV stabilized and notched at every inch. Attach to wire with spacer clip (model 400-430T).	12 per carton/ bundle
	HTWC-Z	High-Tensile Wire Cutters	Specially hardened jaws cut 12½ gauge hightensile fence wire. Comfortably shaped handles lock closed to carry & spring open to use. Packed in a pegable blister pack.	2 per carton
	HT4SCT-Z	Four Slot Crimping Tool	Four slots allow a wide range of wire or cables to be spliced with one tool. 1-2 slot for 14½ & 15½ gauge wire. 2-3 slot for 12½ gauge wire. 3-4 slot for 10 & 11 gauge wire & 14 & 15 gauge barbed wire.	1 per carton
	HTSJ	Spinning Jenny with Brake	Allows easy payout for coiled high-tensile fence wire, includes built-in-brake to prevent wire from uncoiling. Holds up to 2,000 and 4,000 foot coils and adjusts to fit 17" to 24" inside diameter of coil. Some assembly required.	1 per carton
	300-305	In-Line Strainer Handle	Made of hot-rolled flat steel formed to fit the inline-strainer (model # 400-400CC). Durable paint finish prevents rust. Use caution when tensioning high tensile wire.	10 per carton
	HTTT	Three Hole Twisting Tool	Essential tool for twisting or bending high-tensile wire or for use to wrap Multi-Groove spacer clips (model 400-430T) to wire while securing poly spacer posts (model 200-260). Use for 12½, 11, and 9 gauge wire in a pegable bag.	10 per carton 1 per bag
	400-399	Heavy Duty In-Line Strainer with Compression Clip	Can be adjusted using a standard wrench. Applies high-tensile compression on high-tensile fence line. Use to tighten high-tensile wire. Under compression, it automatically feeds into cog reel. Galvanized to deter rust. Install strainers every 2,000' to 2,500' and should be located in the middle of long runs of wire or between two corner posts. Strainers will need to be placed more often when there are corners, bends, dips and rises in the fence.	25 per carton
	ILS	In-Line Strainer with Compression Clip	Model 300-305 is used to tighten.	50 per carton
	HTTS	Tension Spring	Use to indicate tension of wire. One inch of compression equals 150 pounds of pull. Use in conjunction with in-line strainer for each leg of fence. Galvanized to deter rust. Helps absorb expansion and contraction of the fence wire. One tension spring should be used with every in-line strainer.	20 per carton
	HTBP5	5" Galvanized Brace Pin	Use to attach horizontal brace post to vertical posts in corner and brace post assemblies. Use one brace pin with each post in each single or double brace assembly. Made of 3/8" carbon steel galvanized rods.	10 per carton, 5 rods per box

Model #	Description	Features	Master Ctn.
 HTBP10	10" Galvanized Brace Pin	Use to attach horizontal brace post to vertical posts in corner and brace post assemblies. Use one brace pin with 6" x 8" post in each single or double brace assembly. Made of 3/8 carbon steel rods & galvanized.	10 per carton, 5 rods per box
 HTFPB	Large Fence Post Bracket	Heavy 16 gauge galvanized steel for wood fence. Use to connect 3"-6" diameter rail to 7"-8" diameter posts.	6 per carton, 8 per clamshell
 HTBS	Barbed Fencing Staples	Top quality, made from class 3 galvanized wire which lasts three (3) times longer than class 1 staples. Solve the problem of loosening line wire by increasing the staples grip in the post.	5 lb per box/1 box per carton
 HTGCS1225	Crimping Sleeve 1-2	Use to splice 14½ & 15½ gauge wire. Use crimping tool (model 300-320) to crimp and hold lines together, packed in a pegable bag.	10 bags per carton, 25 per bag
HTGCS2325	Crimping Sleeve 2-3	Use to splice 12½ gauge wire. Use crimping tool (model 300-320) to crimp and hold lines together, packed in a pegable bag.	10 bags per carton/100 per bag
HTGCS23100	Crimping Sleeve 2-3		10 bags per carton/25 per bag
 HTGCS3425	Crimping Sleeve 3-4	Use to splice 10 & 11 gauge smooth wire or 14 & 15 gauge barbed wire. Use crimping tool (model 300-320) to crimp and hold lines together, packed in a pegable bag.	10 bags per carton, 10 per bag
 HTGCS4525	Crimping Sleeve 4-5	Use to splice 9 gauge wire or 12½ & 13½ gauge barbed wire. Use crimping tool (model 300-320) to crimp and hold lines together, packed in a pegable bag.	10 bags per carton, 10 per bag
 HTPSCLIP	Multi-Groove Spacer Clip	Galvanized clip for poly & wood spacers. Use with 3-hole twisting tool (model 300-309) to attach spacer tightly to high-tensile wire. Packed in a pegable bag.	5 bags per carton, 25 per bag
 HTWL	FWT 3-4 Electric Tap	Use to secure by crimping wire connections to existing wires, in a pegable bag.	10 bags per carton, 10 taps per bag
 HTWL12	12.5 Gauge Wire Link	Easily connects 12.5 gauge wire, including high tensile wire	5 per blister, 5 blisters per case
 HT4FTI25	4" Ribbed Tube Insulator	The patented ridge design enables the staple to lock without penetrating insulator profile with non-conductive polyethylene.	10 boxes per carton/200 insulators per box
HT4FTI200			5 bags per carton/25 insulators per bag
 HT20WAI10	Wraparound Insulator	Use for tying off electric wires at end & gate posts. Made of nonconductive polyethylene with an aluminum insert for strength. 20" long to wrap around most corner and end posts.	10 bags per carton, 10 insulators per bag

POLYROPE, TAPE & WIRE



Model #	Description	Features	Breaking Load	Master Ctn.
PR656W6-FS	Monofil Polyrope	200 meter/656 feet spool, 6 strands of electrical conductors.	820 lbs.	2 spools per carton
PW656Y6-FS	Polywire	200 meter/656 feet spool, 6 strands of electrical conductors.	180 lbs.	6 spools per carton
PW656Y9-FS	Polywire	Heavy duty 200 meter/656 feet spool, 9 strands of electrical conductors.	310 lbs.	6 spools per carton
PW1320Y6-FS	Polywire	400 meter/1320 feet spool, 6 strands of electrical conductors.	180 lbs.	6 spools per carton
PW1320Y9-FS	Polywire	Heavy duty 400 meter/1320 feet spool, 9 strands of electrical conductors.	310 lbs.	6 spools per carton
PT500W2-FS	2" Polytape	152 meters/500 feet spool, 14 strands of electrical conductors.	890 lbs.	2 spools per carton
PT656W1-FS	1" Polytape	200 meter/656 feet spool, 8 strands of electrical conductors.	320 lbs.	4 spools per carton
PT656WH-FS	1/2" Polytape	200 meter/656 feet spool, 5 strands of electrical conductors.	150 lbs.	6 spools

POLYROPE CONNECTORS



Model #	Description	Features	Master Ctn.
PARS-FS	Polyrope Connector	Used to splice the ends of polyrope (model PR-200) together. Packed 1 per blister card.	5 per carton
PAHTS-FS	1/2" Polytape Splicer	Used to splice the ends of 1/2" polytape (model PT-200) together. Packed 3 per blister card.	5 per carton
PA1TS-FS	1" Polytape Splicer	Used to splice the ends of 1" tape (model PT-190) together. Packed 3 per blister card.	5 per carton
PA2TS-FS	2" Polytape Splicer	Used to splice the ends of 2" polytape (model PT-65) together. Packed 3 per blister card.	5 per carton
PAHTE-FS	1/2" Polytape End Connector	Used at the ends of 1/2" polytape for dead-ending or gate handle type connection. Packed 3 per blister card.	5 per carton
PATE-FS	Polytape to Energizer Connector	Used to connect poly tape or poly wire to an energizer.	5 per carton
PATT-FS	Polytape to Polytape Connector	Used to connect hot polytape to hot polytape for purposes of bypassing a grounded wire.	5 per carton
PAWPC-FS	Wood Post Polytape Corner Insulator	Used as an insulator to end the tape or turn a corner with wood post.	5 per carton
PATPC-FS	T-post Polytape Corner Insulator	Used as an insulator to end the tape or turn a corner with a T-post.	5 per carton

PLANOGRAMS



8FSPOG



4FSPOG

Item Number	Item Name	#/order	Item Number	Item Name	#/order
A-12T*	ELEC FNC WRNG SIGN 3/BG 10/CS	10	ICDB-FS*	INS CORNER DONUT FS BLK 10/BG	10
A-48*	WHITE STEP-IN FENCE POST 50/CS	50	ICLY-FS*	INS CHN LNK FNCE FS 10/BG	10
A5LVT-FS*	MULTI-LIGHT ELEC FNC TSTR 5/CS	5	IRY-FS*	INS RDPST FS YLW 25/BG	10
ACOS-FS	FS CUTOFF SWITCH 6/CS	6	IT2XY-FS*	2" T-POST INSL 25BG 10/CS	10
ALA-FS	FS LIGHTNING ARRESTOR 2/CS	2	IT5XY-FS*	INS TPST 5EXT FS YLW 25/BG	10
ATMP-FS	MULTI-PURPOSE FENCE TOOL 6/CS	6	ITCPY-FS*	INS TPST CAP FS YLW 10/BG	10
ATPA-FS	FS T-PST FNCE DT ANCHOR 5/CS	5	ITPLY-FS*	INS TPST PINLCK FS YLW 25/BG	10
AWPA-FS*	FS GATE HNDL ANCHOR 5/CS	5	ITRXY-FS	INS TPST REV 5EXT FS YLW 25/BG	10
DC-31*	1 TEARSHEET & 12 DVD	1	ITSOY-FS	INS TPST SCREON FS YLW 25/BG	10
NEW HC*	HEADER CARD FOR 4FT AND 8FT POG	1	ITY-FS*	INS TPST FS YLW 25/BG	10
DEFT-FS	DIGITAL ELEC FENCE TESTER 2/CS	2	IW5XNY-FS*	INS WDPST 5EXT NL FS YLW 25/BG	10
EA5M-FS*	FI SHOCK 5MI AC LI ENRGZR	4	IWKNY-FS*	INS WDPST KNOB NL FS 25/BG	10
EAC10A-FS*	LIGHT DUTY ENRGZR CLMSH 2/CS	2	IWNY-FS*	INS WDPST NL FS YLW 25/BG	10
EAC10M-FS*	FISHOCK 10Mi LI ENERGIZER 2/CS	2	IWSIRB-FS*	INS RING WDPST FS 25/BG 10/CS	10
EAC25M-FS*	FISHOCK 25MI AC LI ENRGZR 2/CS	2	MP-1929	LG SCR-IN PORC INS 1/EA 25/CS	25
EAC50M-FS	FISHOCK 50MI LI ENERGIZER 2/CS	2	MP-1933*	SM SCR-IN PORC INS 25/CS	25
EDC15M-FS	FISHOCK 15MI DC LI FNCR 2/CS	2	PAHTS-FS	FS P-TAPE HALF SPLCR 3/CD 5/CS	5
ESP10M-FS	FI-SHOCK 10Mi LI SOLAR FENCER	1	PARS-FS	FS P-ROPE SPLCR 1/CD 5/CS	5
ESP2M-FS*	FI-SHOCK 2Mi LI SOLAR FENCER	1	PAWPC-FS	FS POLY TAPE WDPST CORNR 5/CS	5
FW-00001T*	1/4 MI 17 GA ALUM WIRE 4/CS	4	PR656W6-FS	FS 200' PROPE 6 STRND WHT 2/CS	2
FW-00007T	1/4 MI 14 GA ALUM WIRE 2/CS	2	PT656WH-FS	FS 656FT 1/2IN PTAPE WHT 6/CS	6
FW-00018D*	250 FT 17 GA ALUM WIRE 8/CS	8	PW656Y6-FS	FS 656' 6 STRND PWIRE YLW 6/CS	6
GHHDB-FS	HEAVY DUTY GATE HANDLE 6/CS	6	SS-750RPX*	ABV GRD ELEC PET FNC KIT	1
GHKS16-FS	FS EXPANDABLE ELEC FNC GT 6/CS	6	UGC50	UNDRGRND WIRE 50' 12.5GA 4/CS	4
GHPO-FS	PLASTIC GATE HANDLE 24/CS	24	WC-100	100 FT 17 GA GAL STL WR 25/CS	25
GHRY-FS*	RUBBER GATE HANDLE 24/CS	24	WC-1320	1/4 MI 17 GA GAL STL WR 4/CS	4
GRC-FS	FS HD GROUND CLAMP 10/CS	10			

* indicates products included on the 4'

PLANOGRAMS

Equine Fencing 4 Foot Planogram Model: 4FSPOLYPOG

4FSPOLYPOG

Item Number	Item Name	#/order
PATT-FS	FS POLY TAPE TO TAPE CNCT 5/CS	5
PAWPC-FS	FS POLY TAPE WDPST CORNR 5/CS	5
PATPC-FS	FS POLY TAPE T-PST CRNR 5/CS	5
PATE-FS	FS POLY TAPE TO ENRGZR 5/CS	5
PARS-FS	FS P-ROPE SPLCR 1/CD 5/CS	5
PA1TS-FS	FS P-TAPE 1IN SPLCR 3/CD 5/CS	5
PA2TS-FS	FS P-TAPE 2IN SPLCR 3/CD 5/CS	5
PAHTE-FS	FS P-TAPE HALF END 3/CD 5/CS	5
PAHTS-FS	FS-P-TAPE HALF SPLCR 3/CD 5/CS	5
PT656W1-FS	FS 656FT 1IN P-WIRE YLW 2/CS	2
PT656WH-FS	FS 656FT 1/2IN PTAPE WHT 6/CS	6
PT500W2-FS	FS 500FT 2IN P-TAPE WHT 2/CS	2
PW656Y6-FS	FS 656' 6 STRND PWIRE YLW 6/CS	6
PW1320Y6-FS	FS 1320' 6STRND PWIRE YLW 6/CS	6
PW656Y9-FS	FS 656' 9 STRND JMBO PWIRE YLW	6
PW1320Y9-FS	FS 1320' 9STRND PWIRE YLW 6/CS	6
PR656W6-FS	FS 200' PROPE 6 STRND WHT 2/CS	2
IWTNW-FS	PLYTP WOOD INS WT 25BG 10/CS	10
ITTW-FS	INS TPST TAPE FS WHT 25/BG	10
ITCPW-FS	INS TPST CAP FS WHT 10/BG	10
DC-FS4POLYHC	4' FS Header Card	1



High-tensile Fencing 4 Foot Planogram Model: 4ZHTPOG

4ZHTPOG

Item Number	Item Name	#/order
200-260	MULTI-GROOVE POLY SPCR 12/CS	12
300-305	IN-LN STRNR HNDL 10/CS	10
400-399	HVY DUTY IN-LN STRNR 25/CS	25
600-100	HI TEN FENCING MAN 1EA	1
DC-HCHT	UNIVERSAL HIGHTENSILE HDR CARD	1
DVDEC-Z	ZAREBA HT AND INST DVD 12/CS	7
FG-01000	12.5 GA ALUMINIZED STEEL 1000'	11
HTWC-Z	FENCE WIRE CUTTER	2
ILS1	IN-LINE STRAINER	25
IT50	50 FOOT INSULTUBE 5RLS/CS	10
IWSD-Z	DRIVABLE INSULATOR 25/CS	11
HT20WAI10	WRAP AROUND INSULATOR	10
HT4FTI200	HT 4IN FIN TUBE INS 200BX	10
HT4FTI25	FIN TUBE INSULATOR	5
HT4SCT-Z	HT 4 SLOT CRIMPING TOOL 2/CS	2
HTBP5	5 INCH BRACE PIN	10
HTBP10	10 INCH BRACE PIN	10
HTFPB	LARGE FENCE POST BRACKET 6/CS	11
HTBS	2IN BRBD STPL 8LB BKT 4/CS	4
HTGCS1225	1-2 CRIMPING SLV 25/BG 10/CS	10
HTGCS23100	GRIT CRMP SLVE 2-3 100PK 10/CS	10
HTGCS2325	2-3 CRIMPING SLV 25/BG 10/CS	10
HTGCS3425	HT 3-4 GRITD CRMPG SLV 25BG	10
HTGCS4525	HT 4-5 GRITD CRMPG SLV 25BG	10
HTPSCCLIP	HT SPACER WIRE CLIP 25/BG	5
HTSJ	HT SPINNING JENNY W/BRAKE 1/EA	2
HTTT	HIGH TENSILE TWISTING TOOL	10
HTTS	HT TENSION SPRING 10/CS	10
HTWT	HT 3-4 WIRE TAP	5
HTWL12	HT WIRE LINK 12.5GA	5

FENCING TERMS

Alternating current

Current that flows back and forth, changing directions rapidly. AC current is typically used in households in the United States and Canada. It reverses directions 120 times per second or 60 full cycles.

Amperage (Amp)(Ampere)

A measurement of electrical current; what you feel when you receive a shock. The higher the amperage, the more intense shock the animal will feel.

Baiting

Used to train wild animals to avoid an electric fence. Turn off fence controller. Smear an aluminum pie tin with the bait (peanut butter, honey, rancid bacon, molasses, etc.). Connect pie tin to an electric fence wire using metal wire. Locate several baited pie tins around the perimeter of the fence. After baiting is completed, turn fence controller on and monitor bait stations regularly.

Capacitive discharge

A term used to describe electric fence controllers that utilize a capacitor discharge pulse of electricity at regular intervals through a fence, typically at one second intervals.

Conductor

A material through which current will readily flow. All metals are conductors.

Continuous current

Refers to a continuous output of alternating current (AC) rather than a pulsed or cycled output. Continuous current energizers produce sufficient levels of voltage and extremely low amperages in order to keep them safe. These energizers do not work well on long, weedy or wet fences. Continuous current fencers are not UL listed.

Current

It is the current, the duration and rate of its flow which causes the shock. With respect to electric fencing, if the fence loading conditions increase then the output current decreases.

Corner posts

Sturdy wooden posts driven deep (3'+) into the ground to provide extra support for the tension put on a fence line as it changes direction. Corner posts are not only used at corners, but also for gates and end posts.

Direct current

Current that flows steadily in one direction, typically produced by batteries through a chemical reaction.

Distance ratings

A way of comparing the relative power of fence controllers. Ratings are based on a single strand of 17-gauge steel wire strung 36 inches above the ground under ideal, weed-free laboratory conditions.

Energizer (Charger, Fencer)

Different parts of the US have different names for the energizer, some of these include "Charger" or "Fencer." All do the same thing, which is to increase the volts and decrease the amp. The energizer controls the energy that is "pushed" through the fencing wire. Fi-shock energizers are made in the US.

Fence load

Any number of conditions that cause current to be drawn from a fence wire. Weeds touching the fence, broken insulators, rusty fence wire,

and even wire splices all increase fence load and reduce the fence's voltage and amperage. Fence load is measured in resistance (ohms).

Ground wire return system

Used where dry or sandy soil conditions do not allow a traditional ground system to work. Consists of running a ground wire parallel to a hot fence wire, delivering at the point where the animal touches the two lines.

Ground System

Necessary to create a complete electrical circuit: when an animal stands on earth ground and touches the electrified wire, the electricity travels through the animal, into the soil, and back to the ground rods that are connected to the fence controller, resulting in the animal receiving a brief shock. A ground system consists of ground rods (3), hookup wire, ground rod clamps and line clamps.

High tensile

High-tensile fencing systems are an affordable, often electrified fence system that is an excellent choice for perimeter fences, providing a permanent barrier to contain or exclude animals. These sturdy, permanent fences require braced corner and end posts in wood along with special insulators, hardware, and tools that maintain constant high tension on metal wire. High tensile fencing systems are considered a psychological AND physical barrier meaning the fencing wire is strong enough to stop the animal with or without an electrical charge.

Induction

In terms of the fence line, this is the transfer of power without physical contact, from an electrified wire to a non electric wire or gate. This is usually noticed by touching a wire on the conventional fence (or gate) and finding it "live". This phenomenon is more noticeable in damp weather conditions.

Insulator

A nonconductive material (plastic or porcelain), typically used to offset fence wire from a fence post. Insulators prevent the current from traveling through the post and into the ground, short-circuiting the system. All Fi-Shock insulators are made from high quality plastic material giving optimum insulation properties.

Joules (Joule)

A measurement of electrical energy used to rate low impedance fence controllers. The effective power the controller delivers to the fence, independent of other factors that can drain voltage. The higher the joules, the more intense shock the animal will feel. (1 joule = 1 watt of power for 1 second).

Line posts

A post used to support electric or nonelectric fence wire. Line posts support the fence line, and have far less tension put on them than corner posts. As a result, they can be made from a variety of materials, including metal, wood, plastic and fiberglass.

Live (Hot) Wire

The wire connected to the energizer power (+ or positive) terminal which carries the electrical current.

Low-impedance Energizer (Fencer) (Charger)

Low impedance means low internal resistance of the energizer. Low impedance fence controllers increase the joules (energy or shock) on the fence

line if weeds or other vegetation touch the line. This means that as long as the wire remains in contact with the charger; the energy can push past the weeds or vegetation to keep the fence hot. Low-impedance technology is available in AC, DC and solar powered models.

Ohms

Ohms are used to measure resistance to the flow of an electric current. A low ohms reading represents a heavy fence load, and a high ohms reading represents a light fence load.

On-time / Off-time

On-time refers to the duration of the electrical pulse produced by a capacitive discharge fencer. Off-time refers to the length of time between the pulses. Fencers have electrical pulses that are only microseconds long, followed by one full second of off-time between each pulse. This long off-time enables an animal (or person) to easily break away from the fence.

Resistance

Resistance is any force that resists the flow of electricity, consuming power from a circuit by changing electric energy into heat. Electricians measure resistance in ohms.

Rotational grazing

The tendency among certain species of animals is to graze vegetation down to the dirt. This can cause animals to reach for vegetation outside the fence. Rotational grazing is a system for livestock grazing, using internal temporary enclosures (within a boundary / permanent fence) to control the specific areas where the animals graze. This allows the vegetation in the previous enclosures to grow back. Typically is 1-strand of wire at 40" or at animal's nose level.

Short

A short is a loss of voltage from the fence line to the ground which can be caused by a live (hot) wire touching a post, vegetation, ground or ground wires.

Splicer

An electric fence splicer joins together separate strands of fence wire, tape or rope without breaking the fence's electrical circuit.

Temporary fencing

A one to three-strand electric fence system that is used for rotational grazing or other short-term uses. It typically uses step-in poly posts or rod posts, and a DC or solar operated fence controller for portability and flexibility.

Tensioner

A component used to tighten fence wires, typically polytape, to increase tension on a section of the fence line.

Voltage (Volt)

A measurement of electrical pressure which creates the current flow. It functions similarly to water pressure in that it "pushes" amperage down the fence wire.

Watt

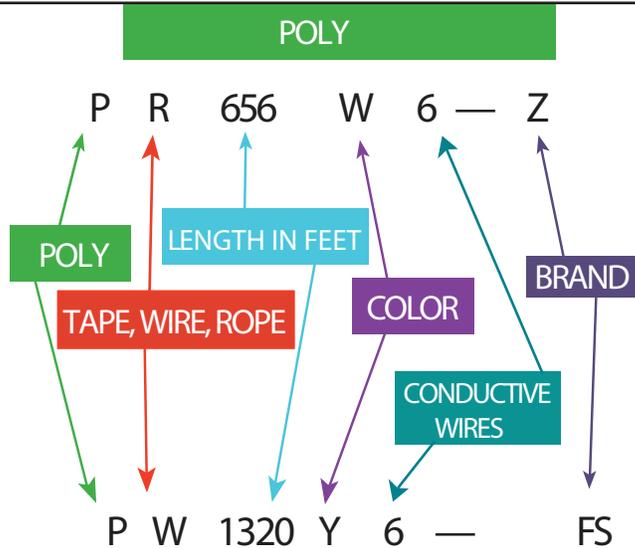
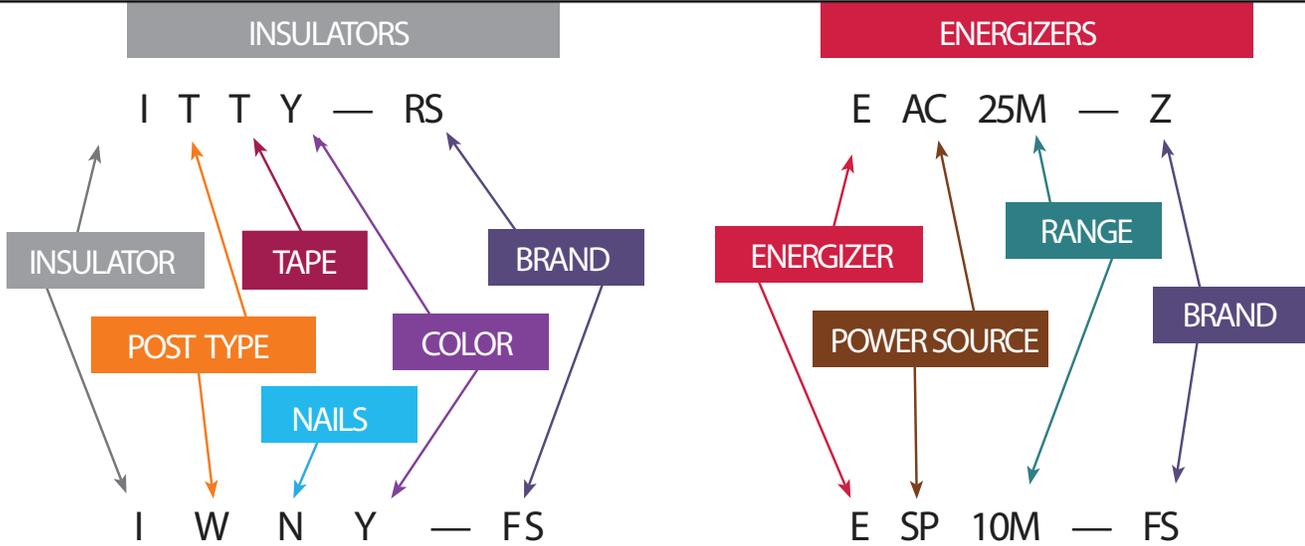
A unit of measurement for electric power equal to voltage times amperage.

ELECTRONIC CONTAINMENT

Nomenclature

Introducing Smart Model Numbers

Simplified and effective model numbers to improve shopping and customer service experience.





BLITZER

RED SNAP'R



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FENCE

ZAREBA



TERRO

Fi-Shock



MOSQUITO MAGNET



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