

SUPERIOR FENCE PRODUCTS



STAY STRONG. STAY TIGHT. STAY-TUFF.



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It really is time for a new idea in fencing. More strength. Much longer life. Much less costly to install. A better idea. We call that "the Stay-Tuff Advantage." It's all because the unique Stay-Tuff manufacturing method offers several improvements over conventional hinge-joint products. It's just better for the modern rancher and farmer.

Stay-Tuff fencing is manufactured from 12 1/2 gauge, High Tensile Class 3 galvanized wire, offering three times the life and nearly four times the strength of most conventional low tensile wire. High Tensile wire won't stretch. It has less than 1% elongation, compared to 11% elongation for low tensile wire. When you combine this with a very deep crimp, the installer can put up the fence, tighten it, and the fence will stay tight. When stock pressure, snow load, or the occasional tree falls on the fence, it will give with the load, and then spring back to its original shape.

Stay-Tuff fence is manufactured using a solid vertical stay wire rather than the conventional hinge-joint between vertical and horizontal wires. This feature provides superior vertical strength and allows the fence to literally stand by itself. Compared to conventional fencing, Stay-Tuff offers much greater impact resistance and virtually prevents animal penetration.

We are proud to manufacture Stay-Tuff Fence in Texas.



MADE IN TEXAS, USA

OTHER STAY-TUFF PRODUCTS

BARBED STAPLES



Barbed Staples—8 gauge diameter with sharp double barbs and Class 3 galvanization for extended field life. Staples come packed in a convenient 2lb. jar or 10 lb. and 40 lb. re-usable pails with handles. Stay-Tuff Staples have extremely sharp points for easy driving, and the double barb virtually guarantees that they won't pull out of the post.



HIGH TENSILE SMOOTH WIRE



Texas-Tuff™ High Tensile Smooth Wire is 12½ gauge 215,000 or 170,000 psi wire that comes in a 4000 ft. roll. It's coiled in a thread-laid pattern roll for easy pay out. With Class 3 galvanization, Tuff-Strand High Tensile Smooth Wire is the backbone of the electric fence business.



LOW TENSILE SMOOTH WIRE



Stay-Tuff Low Tensile Smooth Wire comes in your choice of a 10 lb. roll or a 50 lb. roll. This is durable Class 3 galvanized wire—available in 9 ga., 11 ga. and 13 ga.—is useful for all kinds of fencing chores where high tensile strength is not required.





HIGH TENSILE FENCE PLIERS



High Tensile Fence Pliers are blunt nose wire cutters built like mini-bolt cutters, with a pivot joint in the center, not just offset. Designed for cutting hard wire with no twisting or pulling needed. The leverage and comfort of these pliers will make you throw rocks at your other pliers.



INLINE STRAINERS & RATCHET HANDLE



Use our Inline Strainers to tighten 12 1/2 gauge brace wires. We recommend these for use on end-brace assemblies because they can be re-tightened easily with the removable ratchet handle, unlike a crimp sleeve. This makes it simple to keep end-braces taut at all times, in spite of temperature

Ratchet Handles fit our Inline Strainers. Just slip the handle over the outer pins of the ratcheted strainer and

crank a few times to quickly tighten our High Tensile wire.



POST CLIPS & DRILL CHUCK



Stay-Tuff Post Clips are manufactured from 9 and 11 gauge Class 3 galvanized wire. They offer a fast, permanent way to secure fencing to metal pipe or tee-posts, a definite advantage over hand-tied wire.

Round Post Clips are pre-formed in a range of sizes from 1 5/8" in diameter up to 6". They will fit all standard pipe. Tee-post Clips are designed to fit any standard steel Tee-post.

The Drill Chuck is specially designed for use with the post clips. This heavy-duty chuck will fit any 3/8" drill.

To use our post clips, pass the clip over the wire and around the post, then insert the clip ends into the holes in the Drill Chuck. A spin of the drill ties the ends off tightly, ensuring that the wire will never slip up or down the post.



STAY-TUFF. FIXED KNOT SPECIALISTS.

We only produce one style of woven wire fence—the fixed-knot fence you see here.

Our fencing is built using a solid vertical stay-wire that is locked to the horizontal wire with the unique fixed knot. This is the strongest fence construction available in the market and will outperform all other styles.

It's not just about strength—durability is important, as well. Combine stronger fence construction with the added quality of High Tensile, heavily galvanized steel wire, the tightest knot and deepest crimp in the industry, and you have a fence that offers three to four times the life of a traditional farm fence.

Look for our brand and you will know that you are buying the best steel wire fence in the market today.

WHY STAY-TUFF COSTS LESS.

The combination of the solid vertical stay and the High Tensile line wire means that this fence can be constructed using 25' post centers, and 1320' between braces, using far fewer posts than conventional fencing. Less posts equals less post-hole digging, saving you money on labor and posts. Finally, it's

stronger—requiring far less maintenance—and will last a lot longer than alternative fences. All this results in a lower installed lifetime cost.

For example, the total cost of our Cattle-TuffSM fencing (with 12" vertical stay spacing) rivals a five-strand barbed wire fence, and costs less than any hinge-joint fence. And our unique and innovative new cattle fencing—with 24" vertical stay spacing—costs much less to install than a typical 12½ gauge barbed wire fence.

You owe it to yourself to find out more about this great product. You owe it to your kids, too, because they won't have to worry about replacing this fence.

REDI-ROLL

Every roll of Stay-Tuff fixed knot fencing comes pre-stripped of vertical stays within 18" of the beginning and end of the roll. Other fence wire has a stay every six inches to the end of the roll. This forces the installer to spend time removing the vertical wires in order to have enough horizontal wire to wrap around a brace post to tie off.

Our pre-stripped wire saves 20-30 minutes of labor time per roll, and effectively

adds 18" to the roll—with none lost to splicing. This convenience saves you money on both materials and labor.

10-YEAR LIMITED WARRANTY

Stay-Tuff Fence offers a 10-year written limited warranty on our fence products. Other manufacturers talk about how long their fence will last, but do not back up their claims. We back our products in writing for 10 years. If there is a problem that is related to defects in material, workmanship or rust, we will replace the product, period. The warranty gives you peace of mind that the product you are investing in is the best value available on the market today. Why should you or your livestock stand behind a fence the manufacturer will not stand behind?



FIXED KNOT
Won't slip vertically or horizontally
Solid vertical stay wire resists
bending or folding
Extra-heavy galvanization



HINGE-JOINT KNOT
Can slide horizontally and fold
vertically, and is prone to untwisting
Typically has less galvanization



THE WORLD'S FIRST PRE-STRIPPED ROLL



FENCE PROFILES



Cattle-Tuff™ (949-12-660) is much stronger than typical bull wire. If you compare Cattle Tuff to King Ranch® wire, it's almost half the cost per roll, and it will last a lifetime. This fencing is specifically designed for livestock control, 49" high with a 12" vertical stay. It's typically produced in a 660' roll, so there is only one splice per 1/4 mile. Generally, the material costs—including braces, posts and wires—are exactly the same as 5-strand barbed-wire fence based on 25' post centers. You end up with a stronger, longer-lasting fence that cattle will respect.



Deer-Tuff™ (2096-6-330) keeps deer in and predators out. It's ideal for deer because it provides some elasticity to prevent impact injuries. 2096 is 8' high, and comes in 3", 6" or 12" vertical stay spacing. The 3" is typically used for breeding pens and other applications requiring absolute predator-proofing. The 6" vertical stay configuration is the industry standard for cross fencing and perimeter fencing with high density deer populations and predator protection. The 12" vertical stay is used in large operations with less stock or deer pressure on the fence, and is an excellent exclusion fence to protect vineyards and crops from deer damage. Compared to conventional alternatives, the 12" product provides a tremendous savings in 330' or 660' rolls.



Goat-Tuff™ (1348-12-660) is designed to keep predators out and heads in. Goat-Tuff can be used with 25' post centers, requiring no intermediate stays. It has 13 horizontal wires with a 12" vertical stay spacing, so that if a goat gets its head through it can turn and get it back out. The lower 18" of the line wires are only 3" apart, providing predator protection. Braces can be spaced up to 1/4 mile apart. Goat-Tuff can be built for 30 – 35% less than the typical sheep and goat fence available today. It also makes an excellent rural home fence.



Horse-Tuff™ (1661-3-200) is specially designed for horses, and looks good, too. Hooves can't penetrate the tight 3" x 3" spacing on the bottom 18" of the fence, preventing expensive lower leg injuries. This 61" tall fencing does not scallop, and won't bend like conventional wire from horses "necking down" on the fence. Installed properly, Horse-Tuff will not stretch, and provides virtually 100% predator and dog protection.



Hog-Tuff™ (735-6-330) is designed for both wild and domestic hogs. **This fence will protect your property from destructive feral hogs.** Hog-Tuff is a 35" fence, constructed with a 6" vertical stay designed specifically for hogs. In rough terrain, posts should be spaced closer together to prevent hogs from burrowing under. Unlike hinge-joint fencing, Hog-Tuff's super-tight knot makes it almost impossible for a hog to wallow a hole in the fence by forcing the vertical wires apart. It can generally be easily installed over an existing barbed-wire fence.

WIRE TENSIONING

The Wire Tensioning System includes all the tools you'll need to properly stretch your Stay-Tuff fencing: Bar Pullers, Stretcher Bars, the Smooth Wire Puller, and the Easy Wire Puller.



BAR PULLERS

Bar Puller—this chain-walker replaces a conventional come-along, and features a 2000 lb. breaking strength on the chain. It's simple and durable. We recommend using two of these bar

pullers for the 48", 49", and 61" fences, and three of them for 8' and 10' fence. The 19' chain will outreach most come-alongs, allowing you to take up all the slack out of your fence with a single pull.



STRETCHER BARS

Stretcher Bars come in five lengths: 52", 66", 84", 102" and 124". The 52" will cover all the 48" and 49" fences. The 66" works with 5' fencing, the 102" bar is designed for 8' fences, and the 124" bar is for 10' fences.

The stretcher bars are designed to stretch High Tensile wire up to 1/4 mile at a time. We recommend that two bars be used when pulling the wire to the center.

These heavy-duty stretcher bars are the best available today, and will not slip or bend.



Works with smooth wire

SMOOTH WIRE PULLER

Smooth Wire Puller is designed to pull a single strand of any kind of wire—High Tensile, smooth, or barbed wire. This is a must-have fence repair tool. The harder you pull, the tighter the cast iron jaws grip. Plus, the hardened jaws will not become grooved by High Tensile wire. Includes a 4' zinc-coated chain.



Effective with barbed wire, too.



EASY WIRE PULLER

Stay-Tuff's new **Easy Wire Puller** is the ideal choice for tightening smooth or barbed wire. Its user-friendly design frees hands while stretching to tie off or staple wire. The multi-fit wire clamp easily accommodates many common wire sizes and the smooth grip prevents wire damage. The head grips on both sides to allow you to stretch wire either

right or left handed. The heavy cast iron head and gold zinc plated handle provide strength and durability for years of trouble free service.





FENCE ACCESSORIES

SPLICING SYSTEM



The Stay-Tuff Splicing System is a high-performance system designed to make the wire splicing process as easy and fast as possible. The Multi-Crimp Tool or the Ultra-Crimp Tool and the splicing sleeves are specially designed to work together

to create a crimp that will outperform any other crimping system available.



The finished crimp



CRIMP SLEEVES

Stay-Tuff Crimping Sleeves come in five different styles—all designed specifically for wire. The sleeves are made from aircraft-grade aluminum alloy. The inside surface of the sleeves is lined with aluminum oxide dust for grip strength.

All Stay-Tuff sleeves are designed to exceed the breaking strength of the wire for which they are specified.

The aluminum virtually eliminates all corrosion, making a very strong splice that will always look good.

STAY-TUFF CRIMP SLEEVES

-  JM-593: 12 ga.-16 ga. Long Crimp Sleeve
-  JM-594: 12 ga.-16 ga. Short Crimp Sleeve
-  JM-595: 8 ga.-10 ga. Crimp Sleeve
-  JM-596: 12 1/2 ga. Barbed Wire Crimp Sleeve
-  JM-597: Electric Wire Tap
-  JM-598: 15 1/2 ga. High-Tensile Barbed Wire



MULTI-CRIMP TOOL

The high-quality Multi-Crimp Tool has a wire cutter for cutting High Tensile wire, a slot for stripping heavy duty lead-in cable for electric fence, and two crimping slots, one for 12 1/2 gauge fencing, and one for larger wire. This versatile tool is designed

to splice any wire product available today. The Multi-Crimp Tool has a Two-Year Warranty.



ULTRA-CRIMP TOOL

The Stay-Tuff Ultra-Crimp is the ultimate fencing tool. It has a staple puller, a High Tensile wire cutter, a stripping tool for electric fence, and has two crimping slots, one for 12 1/2 gauge and one for larger wires, including Barbed wire. This 5-in-1

tool will handle any fencing job you have today.

The Ultra-Crimp Tool carries a Two-Year Warranty.





FENCE APPLICATIONS

It's pretty simple, really. Either you need to keep livestock in, or you want to keep predators out. The Stay-Tuff line of fence profiles is designed the same way.

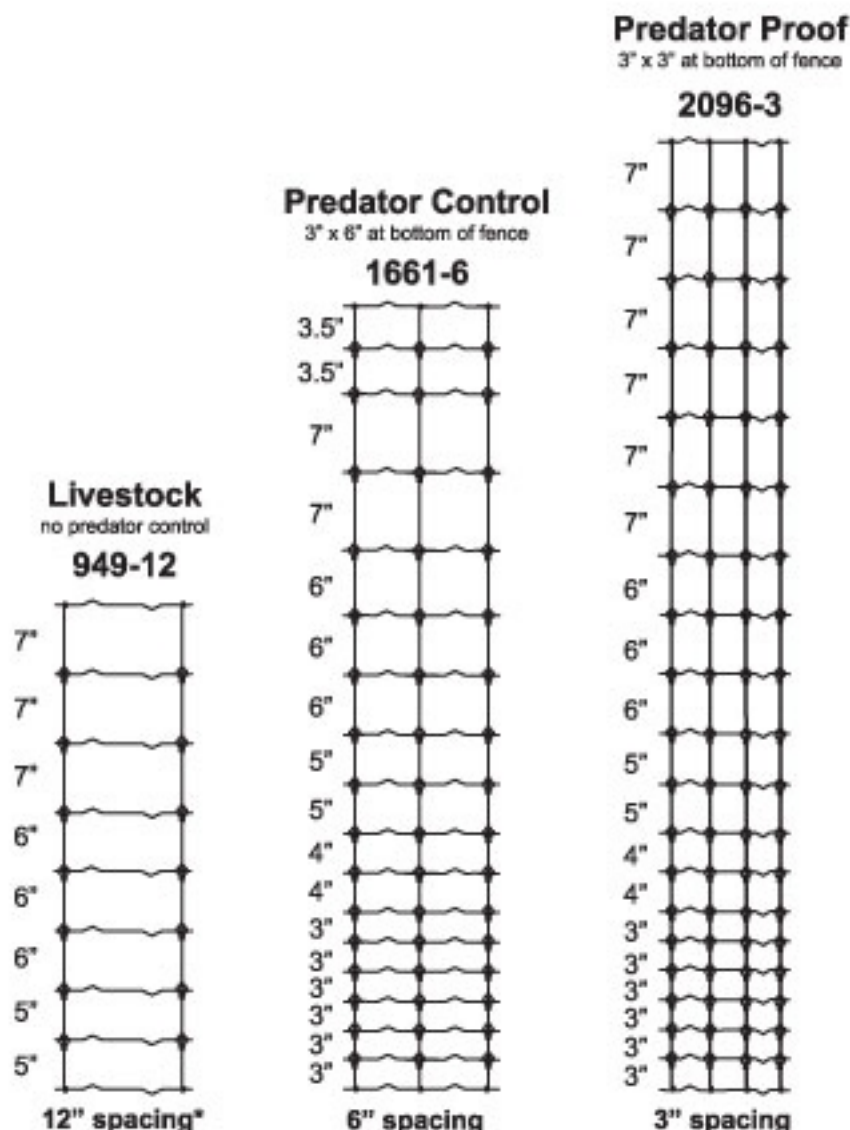
Our livestock designs have a more open wire spacing profile. If you don't need predator control, you can save money by not using wire you don't need, reducing the cost of the fence per-foot.

Predator control designs include a tighter spacing profile, with more horizontal wires and vertical stays to keep predators out. This is especially important for sheep and goat operations where effective predator control makes the difference between success and failure.

Our products are specifically designed to achieve one of those two goals. You have the option of a predator design or an open livestock design, depending upon your needs. At the end of the day, what's important is that you have the right amount of wire in your fence to suit your particular situation.



LIVESTOCK/PREDATOR PROFILES



*Vertical stay spacings are nominal and may vary slightly from those shown.

FENCE NOMENCLATURE

EXAMPLE: 2096-6-330 is a fence with:

- 20 line wires (horizontals)
- 96" height
- 6" spacings between verticals (stays)
- 330' feet in length

WIRE SPECIFICATION IN OUR FENCE

WIRE	GAUGE	TENSILE STRENGTH	BREAKING LOAD	GALVANIZATION
Top+Bottom	12ga. ^a	High Tensile 185K - 215K	1482 lbs - 1696 lbs	.85oz - 1.1oz Zinc/sqft
Line	12 $\frac{1}{2}$ ga.	High Tensile 185K - 215K	1350 lbs - 1584 lbs	.85oz - 1.1oz Zinc/sqft
Stay	12 $\frac{1}{2}$ ga.	Med Tensile 130K - 150K	934 lbs - 1094 lbs	.85oz - 1.1oz Zinc/sqft
Knot	13ga.	Low Tensile 65K - 85K	438 lbs - 580 lbs	.85oz - 1.1oz Zinc/sqft

FENCE SPECIFICATIONS

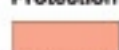
RECOMMENDED APPLICATIONS

FENCE			LENGTH ROLL FEET			RECOMMENDED APPLICATIONS																							
# Line Wires	Height Inch	Spacing	Stays Inch	200'	330'	660'	Bison	Cattle	Deer	Elk	Goats	Horses	Hogs	Sheep	Dogs	Airport	Security	Excavation	Residential	Roadway	Garden	Sports	Race Track	Chain Link Alt.					
				Code /Weight lb	Code /Weight lb	Code /Weight lb																							
2572-3				ST780/418											X	X	X	X	X		X	X	X	X					
1748-3				ST782/280											X	X	X	X	X		X	X	X	X					
23120-3				ST886A/473					X								X				X	X	X	X					
23120-6					ST887/494				X	X						X	X			X	X			X					
23120-12					ST888/341	ST889/679			X	X						X		X											
2096-3				ST882A/392					X							X	X				X	X	X	X					
2096-6					ST880/408				X	X						X	X			X	X			X					
2096-12					ST881/289	ST883/578			X	X						X		X											
1775-3				ST862A/318			X					X			X		X				X	X	X	X					
1775-6					ST860/335		X								X		X				X			X					
1661-3				ST855A/286			X					X			X				X		X	X		X					
1661-6					AT856/303		X	X							X				X										
1661-12					ST858/221	ST857/441	X	X			X										X								
949-6					ST820/187		X	X					X	X						X									
949-12					ST821/132	ST823/265	X	X												X									
949-24					ST825/106	ST824/212	X	X												X									
1348-3				ST832A/228							X	X		X	X				X		X	X		X					
1348-6					ST830/242						X		X	X	X				X										
1348-12					ST831/177	ST833/354		X			X			X	X														
842-3				ST812A/158							X		X	X	X				X			X							
842-6					ST810/164			X					X	X	X					X									
842-12					ST811/116	ST813/233		X			X									X									
735-3				ST802A/135									X		X														
735-6					ST800/140								X																

#VERTICAL STAYS^b

Roll Length	Vert. Spacing	Number of Stays
200' x 3"		798
330' x 6"		656
330' x 12"		328
660' x 12"		656

Protection Provided:



Predator Proof
(2" x 3" spacing at fence bottom)



Predator Control
(2" space between bottom line wires)



Livestock
(larger spacing at fence bottom)

Notes

- Our 12-gauge top and bottom wire is stronger and heavier than the 12 $\frac{1}{2}$ gauge wire used by other manufacturers.
- Comparing like specifications, we put more vertical stays into our fence rolls. Keep this fact in mind when comparing our fixed-knot fences with others on the market.
- Individual roll weights may vary slightly from those shown.



MADE IN TEXAS, USA

DEALER AND CONTRACTOR SCHOOLS

We hold dealer and contractor schools multiple times a year. Stay-Tuff has a complete demonstration and instruction center, so every student gets hands-on experience building a Stay-Tuff fixed-knot fence correctly. The morning session is focused on gaining an understanding of Stay-Tuff products and selling. In the afternoon session we divide into four teams and build two fences, Cattle-Tuff® and Goat-Tuff®. We start from scratch, and cover everything from building braces to the best ways to tie, tension, splice and trim wire.

Visit www.staytuff.com for information on upcoming dealer school/field days in your area.

DEALER FIELD DAYS

If you are a qualified dealer, we'll install a demonstration fence right on your premises as part of your Stay-Tuff Dealer Field Day. It's a great event for your customers and establishes a permanent sales display at your location.



LITERATURE

Product, instructional, and sales literature is available to any land owner, manager, contractor or dealer. Call 1-888-223-8322 (toll-free) to request literature, or just download what you need to your desktop printer from our web site, www.staytuff.com.



DEALER LOCATOR

If you're looking for a Stay-Tuff dealer or contractor, just go to www.staytuff.com on the Internet. Our Dealer Locator will find the closest dealer to you using your zip code. If you're a dealer, our website will connect you with prospective customers in your area.

DELIVERIES

If you need it, you need it now. Any pallet-quantity order from stock inventory that is received by our office by 10:30 a.m. will ship the same day.

BUILD A FENCE ONLINE



Visit our website at www.staytuff.com for a complete fencing tutorial, plus find extensive product information on all our fencing products and installation systems. You can also purchase a range of fencing tools and supplies using our online shopping cart.

MADE IN TEXAS, USA



STAY-TUFF AUTHORIZED DEALER

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FENCE MANUFACTURING