

 **BEKAERT**

better together

Bekaert Fence Basics



MADE IN THE USA



Here at Bekaert, we offer quality agricultural fencing products and solutions with superior customer service. We are never satisfied to be the same as the rest.

We began manufacturing barbed wire in 1880 to meet the needs of farmers and land owners. Today, Bekaert is the largest galvanized wire company in the world. We have facilities in over 120 countries and employ over 23,000 people. Above all, we remain dedicated to providing you with innovative fencing products and operational excellence. We work with customers just like you to continually develop new technology to create the best fencing solutions to meet your needs.

Van Buren, Arkansas is home to our state of the art galvanized wire and agricultural fencing plant. Van Buren produces our entire line of products including Gaucho®, Solidlock®, Cattleman®, Horseman® and our innovative wire coatings.

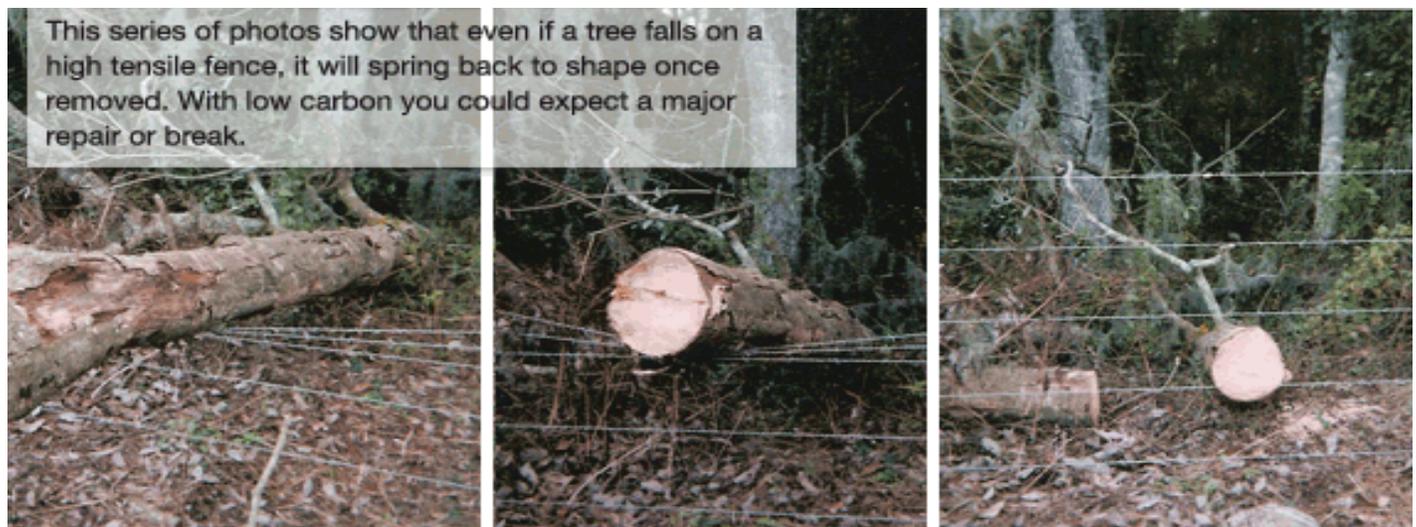
Let us help you pick the best product for your application. Agricultural fencing is a dynamic market where one solution does not meet all needs. We are here to help you in selecting the right fence.

Once you learn more about our line of products we know you'll want to...
Build a better, longer lasting fence with Bekaert.

What is High Tensile Wire?

A great fence costs more than simply the price of a roll of wire. All materials (wire, posts and accessories) as well as the cost of labor must be accounted for. Bekaert fencing products will begin saving you money on materials and labor the day you install them... and every day afterwards.

We recommend using high tensile steel products of a smaller gauge than you may be accustomed to with standard low carbon steel products. The result of this change will not only be a fence wire that is as strong or stronger than standard low carbon fence wire but a fence wire that is also lighter and contains less steel. Less steel will save you money, and less weight will save you time and effort during installation. Because high tensile fence is lighter, it requires fewer posts spaced at greater distances, again saving you money. Unlike low carbon wire fencing, high tensile wire fencing requires little or no maintenance as it will not sag or stretch like low carbon wire.



Agricultural fencing consists of low carbon wire or high tensile wire. Low carbon wire is made from steel rod with carbon content of approximately 0.06-0.08%. This type of wire is easy to work with and somewhat forgiving. However, it is prone to elongation (stretching and sagging) and the strength is low when compared to high tensile wire.

High tensile wire is made with higher carbon steel. The carbon content of this product is approximately 0.28%. This increased carbon content significantly increases the wire's strength and reduces elongation. This allows you to use a smaller diameter high tensile wire to replace a thicker carbon wire. Once properly installed, high tensile fences remain tight for years and require very little maintenance.

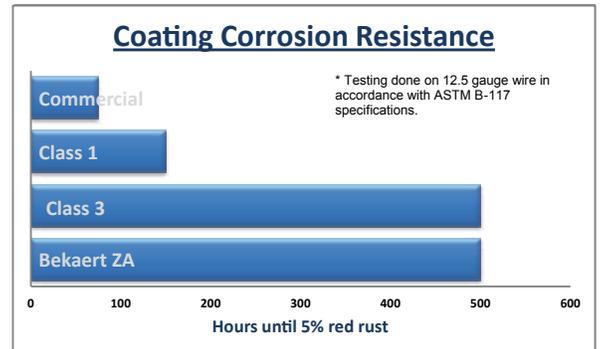
Selecting the Right Type of Coating

The proper fence coating not only looks good for years, but also protects your fence from environmental elements. Selecting the right type of coating can make all the difference in the life expectancy of your fence. Air humidity, blowing sand or dust, abrasive chemicals in the soil, air applied crop dusting fertilizer, salt, pollution and acid rain can all drastically reduce fence life. With Bekaert's expertise in coating technology, you can expect a long life from your fence.

Class 1 galvanized coating is the protective coating used on standard fence wire. Class 1 is the basic coating used but doesn't last as long as our other coatings. A more effective alternative to Class 1 coating is Class 3 galvanized coating.

Class 3 galvanized coating is the standard on all of our brand name products. This coating is approximately 2.5 times thicker than the industry standard Class 1 galvanized coating. Bekaert Class 3 products ensure a longer life with a heavier coating that protects against environmental elements. Our Class 3 products all meet or exceed ASTM A 641 standards.

ZA is our new Zinc-Aluminum hybrid coating, (95% Zn, 5% Al) developed and produced exclusively by Bekaert. Bekaert's ZA coating lasts as long as Class 3 coating which is three times as long as Class 1. The ZA coating lasts the same as Class 3 galvanized wire, but uses less coating to save you money. Our ZA products all meet or exceed ASTM A 856 standards.



Solidlock® Limited Guarantee

With over 130 years of experience, we've learned how to do it right, this is why we stand behind our products with our Solidlock® Guarantee. Our *better together* tag accurately reflects the way we work together with our customers, partners, local government agencies, and colleagues. By following these basic concepts, Bekaert has raised quality and cooperation to the highest level. We strongly believe in our level of manufacturing quality and excellence, for these reasons we want to offer the Solidlock® Guarantee to you, our customer. Visit fencing.bekaert.com for more info!

Know Your Knots

Fixed Knot

Found on our Solidlock® products, this design is top of the line. Fixed knot utilizes solid vertical stay wires, which increase the vertical strength of the fence and allows for increased post spacing. The knot is a separate piece of wire tightly wrapped around the line wire and stay wire. Fixed knot is very resistant to animal damage.

"S" Knot

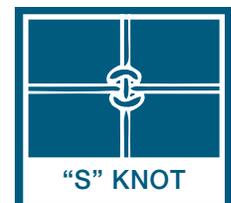
Found on our Horseman® products, this design uses a separate piece of wire to attach the line wire to the solid stay wire. The "S" knot is smooth to the touch and strong enough to resist animal impact.

Hinge Joint Knot

Found on our Gaucho® High Tensile field fence products, this knot is common in agricultural fencing. The knot is formed by wrapping the vertical stay wire pieces around the line wire at each intersection. This design can absorb animal impact without damage. Hinge joint is the economical choice.

Barbed Wire

Barbed Wire consists of two strands of wire twisted together with barbs placed at predetermined distances. Reverse twist is the new standard used by Bekaert in its high tensile barbed wire products. The reverse twist design alternates the direction of the two wires at the barbs to reduce sagging and better hold the barbs in place and adds memory to the barbed wire which results in less maintenance and repair.



Where to find us

Would you like to learn more about the solutions we offer?
Are you interested in any of our products or services?
Please do not hesitate to get in touch. We would be delighted
to talk about how we can be *better together*.

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For installation and product information scan this
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