



better together

## Fencing product catalog



The right fence, the first time

# Welcome

Since 1880, we have developed agricultural products that meet the needs of farmers and landowners. Today, Bekaert is the one of the largest independent wire drawing companies worldwide, so we know how to produce high-quality wire products.

Van Buren, Arkansas is home to our state-of-the-art steel wire and agricultural fencing plant; all of the products you see in this catalog are proudly made in the USA.

Agricultural fencing is dynamic and one solution does not fit all jobs. Bekaert takes great care to make products of superior quality because a fence is an investment that should deliver long-term value. Let us help you build a better, longer lasting fence.

**Bekaert - The right fence, the first time.**

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# Strength

## Fence basics

### SELECTING THE RIGHT STRENGTH

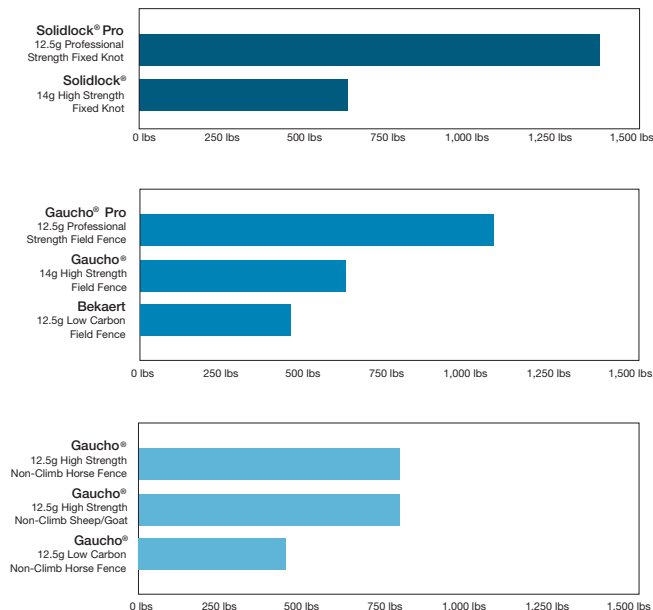
Our fencing products will begin saving you money on materials and labor from the day you install them and every day afterwards.

They come in various strengths to meet your needs:

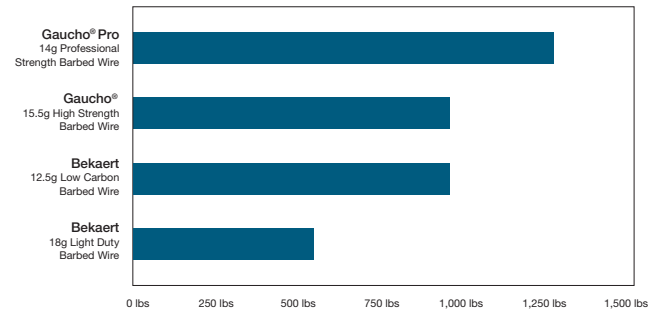
- **Professional strength** (Gaucho® Pro or Solidlock® Pro)
- **High strength** (Gaucho® or Solidlock®)
- **Standard strength** (Bekaert)

Take a look at the following charts to see the differences in breaking strength between the products.

Woven Wire Breaking Strength (in Pounds)



Barbed Wire Breaking Strength (in Pounds)



### Professional strength

Gaucho® Pro and Solidlock® Pro fences stay strong and last long. These high-carbon fences have superior breaking strength, and are **30-60% stronger** than standard fence. Designed for the professional fence installer, farmer or rancher, these fences are the **strongest you can buy in the market**.

### High strength

Our high strength products offer both high value and high breaking strength. They will last significantly longer than standard low carbon fencing. If you need a fence that requires little or no maintenance, and won't sag or stretch over time, Gaucho® and Solidlock® high strength products are a great choice.

### Standard strength

Traditional strength (low carbon) fence is easy to work with and somewhat forgiving. However, it is prone to stretching and sagging.

# Coating

## CHOOSING THE RIGHT COATING

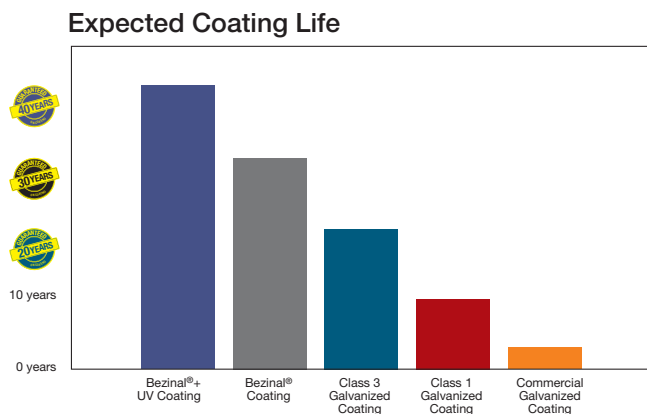
Air humidity, sand/dust, abrasive chemicals, salt, pollution, etc. can all drastically reduce your fence's lifetime. A proper fence coating will look good for years and protect your investment.

Gaucha® and Solidlock® fencing products are coated with Bekaert's long-lasting coatings:

Bezinal®, Bezinal®+ UV coating, and Class 3 galvanized.

We are confident in the quality of our coatings, and to show it, we have now backed these products with our **limited manufacturer's guarantee** for 20, 30, or 40 years. We are the first manufacturer to offer this type of protection.

Check out our Expected Coating Life chart to see how long your coatings will last.



## Bezinal®+ UV coating

Developed and produced exclusively by Bekaert, our superior hybrid coating extends the lifetime your fence.



Outperforming galvanized coatings by at least 4 to 1 (for the same coating weight), Bezinal®+ UV coating has an added top coat of UV resistant paint. It gives your fence an attractive green or black finish and guards against rust.

You're guaranteed that the coating on our Gaucha® 40 and Solidlock® 40 products will last for **at least 40 years**.

Bezinal®+ UV coating products all meet or exceed ASTM A 856 standards.

## Bezinal®

Bezinal®, developed and produced exclusively by Bekaert, is our advanced hybrid zinc-aluminum coating that helps your fence last longer. Bezinal® outperforms galvanized coatings by at least 3 to 1 (for the same coating weight).



We guarantee that the coating on our Gaucha® 30 and Solidlock® 30 products will last for **at least 30 years**.

## Class 3

Class 3 galvanized is approximately 3 times thicker than the industry standard Class 1 galvanized coating.



We guarantee that the coating on our Gaucha® 20 products will last for **at least 20 years**.

Our Class 3 products all meet or exceed ASTM A 121, and A 116, and A 641 standards.

## Commercial and Class 1

Commercial and Class 1 galvanized coatings offer the basic protective coating for traditional fencing.

Class 1 galvanized coating ASTM standards require .28 oz/ft<sup>2</sup> for 12.5 gauge wire.

Commercial galvanized only means zinc coated.

There is no minimum standard or minimum coating amount. The coatings can't be compared to the kind of protection you get from our Bezinal® coatings.

To register your fence or submit a claim, visit our website at [fencing.bekaert.com](https://fencing.bekaert.com).

## Coating limited guarantee

To learn more about our limited guarantee and view our full line of high-strength fence products, visit [fencing.bekaert.com](https://fencing.bekaert.com).



## KNOW YOUR KNOTS

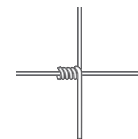
### Barbed wire

Barbed wire consists of two strands of wire twisted together with barbs placed at predetermined distances. Reverse twist is the standard used by Bekaert in its high strength barbed wire products. The design alternates the direction of the two line wires at the barbs to reduce sagging, to lock the barbs in place, and makes stripping barbs during installation easier.



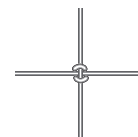
### Hinge joint knot

Found on our Gaucho® high strength 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.



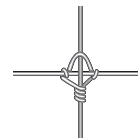
### “S” knot

Found on our Gaucho® non-climb horse fences and sheep/goat fence. 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. The animal friendly S-Knot protects animals' skin and coat.



### Fixed knot

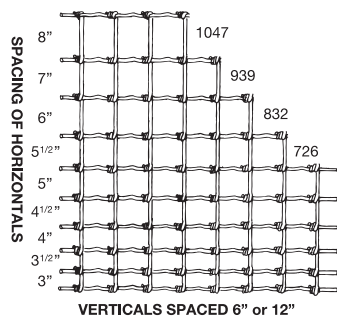
Found on our Solidlock® products, this design is top of the line. Fixed knot utilizes solid vertical stay wires, which increase the vertical strength of the fence and allows for increased post spacing. The knot is a separate piece of wire tightly wrapped around the line wire and stay wire. Fixed knot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



# Number

## HOW TO READ THE BEKAERT FENCE DESIGN NUMBER

Woven wire is available in a variety of heights and configurations. Understanding the product description will help you select the right fence for your job.



1047-6 12.5g 330' Class 3

10 = number of line wires  
 47 = height of fence in inches  
 6 = stay wire spacing in inches  
 12.5g = diameter of wire  
 330' = length of fence  
 Class 3 = weight of galvanization

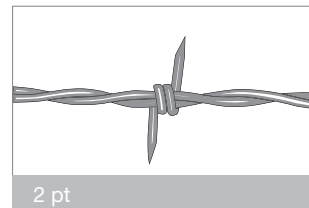
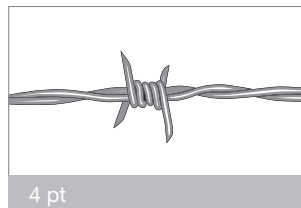
# Barbed wire

## Fencing products

### BARBED WIRE

#### Benefits

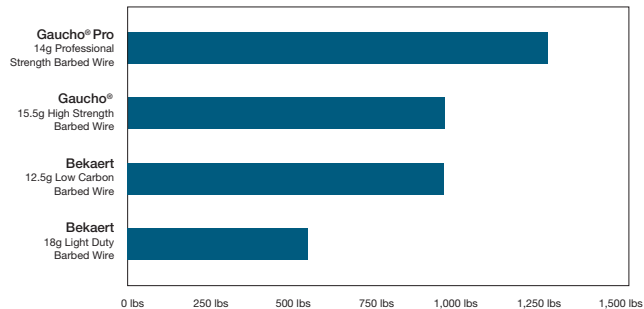
- adds security to existing fence systems
- sharp points for effective fencing
- two-strand reverse-twist design







Barbed Wire Breaking Strength (in Pounds)



Barbed wire					
Applications and coatings chart		Gaucho® Pro Cattleman® professional strength	Gaucho® high strength	Bekaert 18g light duty	Bekaert standard strength
Applications	Cattle	★★★★	★★	★★	★★
	Bison	★★	★	★	★
	Horse	—	—	—	—
	Llama	—	—	—	—
	Alpaca	—	—	—	—
	Sheep	—	—	—	—
	Goat	—	—	—	—
	Ostrich	—	—	—	—
	Emu	—	—	—	—
	Deer/Elk	—	—	—	—
	Swine	—	—	—	—
	Exclusion	★	★	★	★
Coatings	Bezinal®+ UV coating 40 year guarantee	Yes	Yes	—	—
	Bezinal® 30 year guarantee	Yes	Yes	—	—
	Class 3 20 year guarantee	Yes	Yes	—	—



Excellent for the job



Good for the job



OK for the job



Not recommended

Gaucho® Pro: Cattleman® professional strength barbed wire							
Part number	Fence design	Barbed spacing	Barb type	Line wire diameter	Reel length	Reel weight	Coating
135137	2 point	5"	flat	14g	1320'	56 lbs	Class 3
134936	4 point	5"	flat	14g	1320'	65 lbs	Class 3
145733	2 point	5"	flat	14g	1320'	56 lbs	Bezinal® coating
145734	4 point	5"	flat	14g	1320'	65 lbs	Bezinal® coating
135463	2 point	5"	flat	14g	1320'	56 lbs	Bezinal®+UV coating
135464	4 point	5"	flat	14g	1320'	65 lbs	Bezinal®+UV coating
235773	barb-less	-	-	14g	1320'	45 lbs	Bezinal® coating



Gaucho®: high strength barbed wire							
Part number	Fence design	Barbed spacing	Barb type	Line wire diameter	Reel length	Reel weight	Coating
118290	2 point	5"	flat	15.5g	1320'	41 lbs	Class 3
118293	4 point	5"	round	15.5g	1320'	42 lbs	Class 3
118352	4 point	3"	round	15.5g	1320'	51 lbs	Class 3
261130	2 point	5"	flat	15.5g	1320'	41 lbs	Bezinal® coating
261131	4 point	5"	round	15.5g	1320'	42 lbs	Bezinal® coating
127139	4 point	5"	round	15.5g	1320'	42 lbs	Bezinal®+UV coating



Bekaert 18g: light duty barbed wire							
Part number	Fence design	Barbed spacing	Barb type	Line wire diameter	Reel length	Reel weight	Coating
206165	4 point	5"	round	18g	1320'	25 lbs	Class 3

Bekaert: standard strength barbed wire							
Part number	Fence design	Barbed spacing	Barb type	Line wire diameter	Reel length	Reel weight	Coating
118403	4 point	5"	round	12.5g	1320'	88 lbs	Class 3
120312	2 point	4"	round	12.5g	1320'	82 lbs	Class 1
168986	2 point	5"	round	12.5g	1320'	79 lbs	Class 1
118400	4 point	5"	round	12.5g	1320'	88 lbs	Class 1
118385	barb-less	N/A	N/A	12.5g	1320'	64 lbs	Class 1
169494	2 point	5"	round	12.75g	1320'	73 lbs	Commercial
169496	4 point	6"	round	12.75g	1320'	81 lbs	Commercial



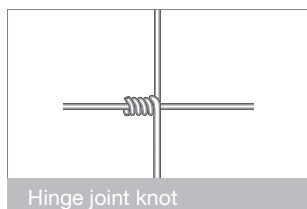


# Field fence

## FIELD FENCE

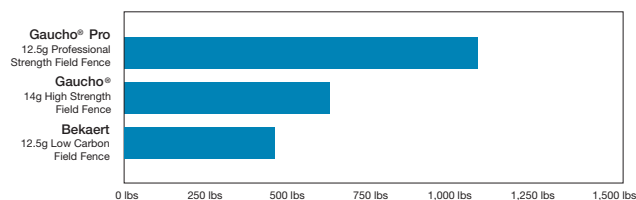
### Benefits

- increased effectiveness verses barbed wire or smooth wire
- withstands impact from large animals
- smaller openings at the bottom designed to prevent small animal entry



### Woven Wire Breaking Strength

(in Pounds)



Field fence			
Applications and coatings chart	Gaucho® Pro professional strength	Gaucho® high strength	Bekaert standard strength
Applications	Cattle	★★★★	★★
	Bison	★★	—
	Horse Llama Alpaca	★	—
	Sheep Goat	★★★★	★★
	Ostrich Emu	★★	—
	Deer/Elk	★	—
	Swine	★★	★
	Exclusion	★★	★★
Coatings	Bezinal®+ UV coating 40 year guarantee	Yes	—
	Bezinal® 30 year guarantee	—	—
	Class 3 20 year guarantee	Yes	—



Excellent for the job



Good for the job



OK for the job



Not recommended

Gaucho® Pro: professional strength field fence								
Part number	Fence design	Height	Vertical spacing	Roll length	Top and bottom wire diameter	Filler wire diameter	Roll weight	Coating
118188	939-6	39"	6"	330'	10.5g	12.5g	166 lbs	Class 3
118158	936-12	39"	12"	330'	10.5g	12.5g	126 lbs	Class 3
118202	1047-6	47"	6"	330'	10.5g	12.5g	188 lbs	Class 3
118176	1047-12	47"	12"	330'	10.5g	12.5g	142 lbs	Class 3
118242	1478-6	78"	6"	330'	12.5g	12.5g	266 lbs	Class 3
127143	1047-6	47"	6"	330'	10.5g	12.5g	188 lbs	Bezinal®+ UV coating



Gaucho®: high strength field fence								
Part number	Fence design	Height	Vertical spacing	Roll length	Top and bottom wire diameter	Filler wire diameter	Roll weight	Coating
118391	726-6	26"	6"	330'	12.5g	14g	79 lbs	Class 3
118406	832-6	32"	6"	330'	12.5g	14g	93 lbs	Class 3
118142	939-6	39"	6"	330'	12.5g	14g	106 lbs	Class 3
118155	1047-6	47"	6"	330'	12.5g	14g	120 lbs	Class 3



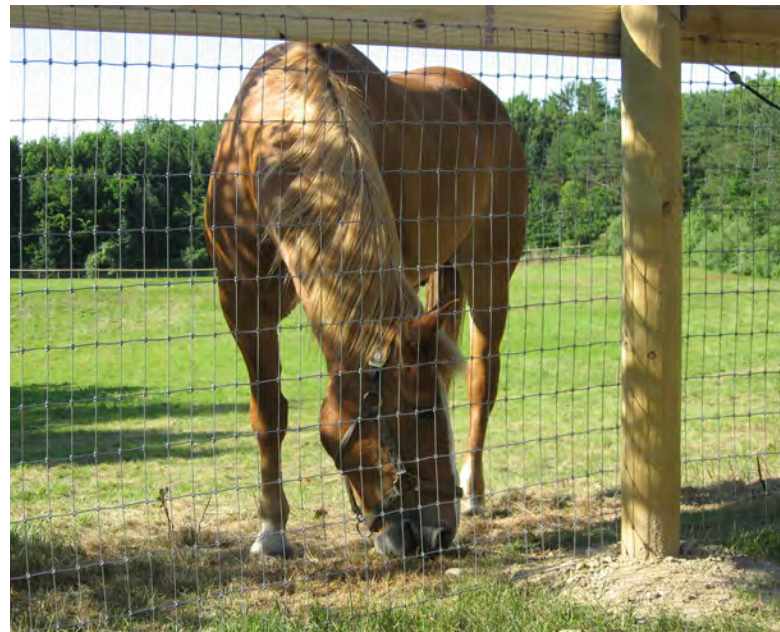
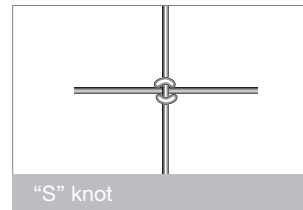
## Bekaert: standard strength field fence

Part number	Fence design	Height	Vertical spacing	Roll length	Top and bottom wire diameter	Filler wire diameter	Roll weight	Coating
118266	1047-12	47"	12"	330'	9g	9g	311 lbs	Class 3
118181	832-6	32"	6"	330'	10g	12.5g	147 lbs	Class 1
118190	939-6	39"	6"	330'	10g	12.5g	170 lbs	Class 1
118164	939-12	39"	12"	330'	10g	12.5g	130 lbs	Class 1
118207	1047-6	47"	6"	330'	10g	12.5g	194 lbs	Class 1
118182	1047-12	47"	12"	330'	10g	12.5g	147 lbs	Class 1
118233	939-6	39"	6"	330'	9g	11g	246 lbs	Class 1
118251	1047-6	47"	6"	330'	9g	11g	280 lbs	Class 1
118216	1047-12	47"	12"	330'	9g	11g	209 lbs	Class 1
118300	1047-6	47"	6"	330'	9g	9g	417 lbs	Class 1
118265	1047-12	47"	12"	330'	9g	9g	311 lbs	Class 1

## NON-CLIMB FENCING: HORSE AND SHEEP/GOAT FENCE

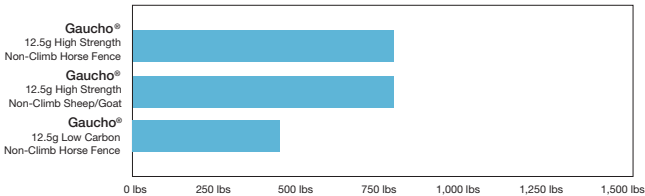
### Benefits

- animal friendly S-knot protects animals' skin and coat
- 2" x 4" openings reduces risk to equine
- 4" x 4" openings reduces risk to sheep/goat
- smaller openings at the bottom designed to prevent small animal entry
- great option as a residential fence





Woven Wire Breaking Strength (in Pounds)



Non-climb fence			
Applications and coatings chart	Gaucho® high strength, non-climb horse	Gaucho® high strength sheep & goat fence	Gaucho® non-climb horse fence
Applications	Cattle	★	—
	Bison	—	—
	Horse Llama Alpaca	★★★★	★★
	Sheep Goat	★★★★	★★
	Ostrich Emu	★★	—
	Deer/Elk	—	—
	Swine	—	—
	Exclusion	—	★
	Bezinal®+ UV coating 40 year guarantee	—	Yes
Coatings	Bezinal® 30 year guarantee	Yes	—
	Class 3 20 year guarantee	—	Yes

- ★★★★ Excellent for the job
- ★★ Good for the job
- ★ OK for the job
- Not recommended



Gaicho®: high strength non-climb horse fence								
Part number	Fence design	Height	Vertical spacing	Roll length	Line wire Diameter	Stay wire diameter	Roll weight	Coating
164395	1348-2	48"	2"	100'	12.5g	14g	101 lbs	Bezinal® coating
164396	1348-2	48"	2"	200'	12.5g	14g	198 lbs	Bezinal® coating
164397	1660-2	60"	2"	100'	12.5g	14g	125 lbs	Bezinal® coating
164399	1660-2	60"	2"	200'	12.5g	14g	246 lbs	Bezinal® coating
165031	1972-2	72"	2"	100'	12.5g	14g	138 lbs	Bezinal® coating



Gaicho®: high strength sheep and goat fence								
Part number	Fence design	Height	Vertical spacing	Roll length	Line wire gauge	Filler wire diameter	Roll weight	Coating
213412	1348-4	48"	4"	330'	12.5g	14g	218 lbs	Bezinal® coating



Gaicho®: non-climb horse fence								
Part number	Fence design	Height	Vertical spacing	Roll length	Line wire gauge	Filler wire diameter	Roll weight	Coating
118157	1348-2	48"	2"	100'	10g	12.5g	122 lbs	Class 3
118232	1348-2	48"	2"	200'	10g	12.5g	244 lbs	Class 3
118183	1660-2	60"	2"	100'	10g	12.5g	151 lbs	Class 3
134801	1348-2	48"	2"	100'	10g	12.5g	122 lbs	Bezinal®+ UV coating
134804	1348-2	48"	2"	200'	10g	12.5g	244 lbs	Bezinal®+ UV coating
134808	1660-2	60"	2"	100'	12.5g	12.5g	151 lbs	Bezinal®+ UV coating

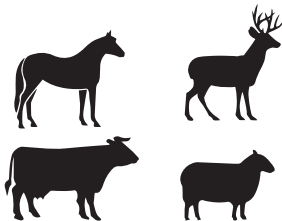
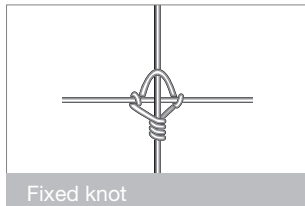


# Fixed knot

## FIXED KNOT

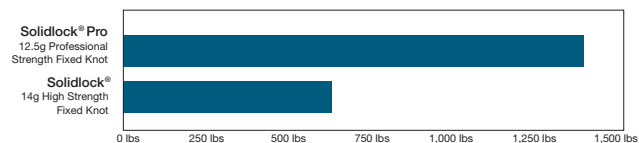
### Benefits

- best option for resistance to animal damage
- solid fence construction allows for increased post spacing
- maximum strength from the knot locks the stay wire in place
- smaller openings at the bottom designed to prevent small animal entry
- increased post spacing thanks to the solid vertical wire design combined with a high strength to weight ratio



### Woven Wire Breaking Strength

(in Pounds)





Fixed knot			
Applications and coatings chart		Solidlock® Pro professional strength	Solidlock® high strength
Applications	Cattle	★★★★	★★
	Bison	★★★★	—
	Horse Llama Alpaca	★★★★	★★
	Sheep Goat	★★★★	★★★★
	Ostrich Emu	★★★★	—
	Deer/Elk	★★★★	—
	Swine	★★★★	—
	Exclusion	★★★★	★★★★
Coatings	Bezinal®+ UV coating 40 year guarantee	Yes	—
	Bezinal® 30 year guarantee	Yes	Yes
	Class 3 20 year guarantee	Yes	—



Excellent for the job



Good for the job



OK for the job



Not recommended

Solidlock® Pro: professional strength fixed knot game fence							
Part number	Fence design	Height	Vertical spacing	Roll length	Wire gauge	Roll weight	Coating
118248	1561-6	61"	6"	330'	12.5g	279 lbs	Class 3
118269	1775-6	75"	6"	330'	12.5g	327 lbs	Class 3
118271	2096-3	96"	3"	165'	12.5g	340 lbs	Class 3
118288	2096-6	96"	6"	330'	12.5g	397 lbs	Class 3
118376	2096-6	96"	6"	500'	12.5g	601 lbs	Class 3
118241	2096-12	96"	12"	330'	12.5g	282 lbs	Class 3
118371	2096-12	96"	12"	660'	12.5g	564 lbs	Class 3
118318	23120-6	120"	6"	330'	12.5g	492 lbs	Class 3
180546	2096-6	96"	6"	330'	12.5g	397 lbs	Bezinal® coating
216657	2096-6	96"	6"	500'	12.5g	600 lbs	Bezinal® coating
136261	2096-6	96"	6"	330'	12.5g	396 lbs	Bezinal®+ UV coating



Solidlock® Pro: professional strength fixed knot horse fence							
Part number	Fence design	Height	Vertical spacing	Roll length	Wire gauge	Roll weight	Coating
118225	1348-3	48"	3"	200'	12.5g	234 lbs	Class 3
118249	1561-3	61"	3"	200'	12.5g	280 lbs	Class 3



# Smooth wire

## SMOOTH WIRE

### Benefits

- best option for permanent electric fencing
- versatile wire for many applications
- single-strand wire perfect for bracing
- very economical and easy to install

### Bekaert: high strength smooth wire\*

Part number	Tensile strength	Length	Weight	Coating
118358	170 K PSI	2,000'	53 lbs	Class 3
118128	170 K PSI	4,000'	100 lbs	Class 3
118361	200 K PSI	2,000'	53 lbs	Class 3
118141	200 K PSI	4,000'	100 lbs	Class 3
154996	170 K PSI	4,000'	100 lbs	Bezinal® coating
154997	200 K PSI	4,000'	100 lbs	Bezinal® coating

\*Class 3 and Bezinal® coating are not guaranteed on low carbon wire

### Solidlock® Pro: professional strength fixed knot cattle fence

Part number	Fence design	Height	Vertical spacing	Roll length	Wire gauge	Roll weight	Coating
118185	842-6	42"	6"	330'	12.5g	157 lbs	Class 3
118221	842-12	42"	12"	660'	12.5g	220 lbs	Class 3
118199	949-6	49"	6"	330'	12.5g	182 lbs	Class 3
118162	949-12	49"	12"	330'	12.5g	129 lbs	Class 3
118239	949-12	49"	12"	660'	12.5g	257 lbs	Class 3
118218	1060-6	60"	6"	330'	12.5g	210 lbs	Class 3
118257	1060-12	60"	12"	660'	12.5g	294 lbs	Class 3
118226	1348-6	48"	6"	330'	12.5g	237 lbs	Class 3
180682	842-6	42"	6"	330'	12.5g	158 lbs	Bezinal® coating
180710	842-12	42"	12"	660'	12.5g	225 lbs	Bezinal® coating
180541	949-6	49"	6"	330'	12.5g	182 lbs	Bezinal® coating
180545	949-12	49"	12"	660'	12.5g	257 lbs	Bezinal® coating



### Solidlock®: high strength fixed knot

Part number	Fence design	Height	Vertical spacing	Roll length	Wire gauge	Roll weight	Coating
170645	1478-6	78"	6"	165'	14g	105 lbs	Bezinal® coating
157717	1478-6	78"	6"	330'	14g	210 lbs	Bezinal® coating
157718	1690-6	90"	6"	330'	14g	241 lbs	Bezinal® coating



# Accessories

## FENCE ACCESSORIES

Make sure that your fence installation is as good as your fence. Choose the right accessories to help your fence last longer.

Bekaert barbed staples				
Part number	Description	Wire diameter	Coating	Package
187235	1.25" barbed	8g	Bezinal® coating	8 lb bucket
187237	1.5" double barbed	8g	Bezinal® coating	8 lb bucket
187244	1.75" double barbed	8g	Bezinal® coating	8 lb bucket
187246	2" double barbed	8g	Bezinal® coating	8 lb bucket
187255	1.25" barbed	8g	Bezinal® coating	50 lb bucket
147613	1.5" double barbed	8g	Bezinal® coating	50 lb bucket
187260	1.75" double barbed	8g	Bezinal® coating	50 lb bucket
162837	2" double barbed	8g	Bezinal® coating	50 lb bucket

Bekaert knurled staples				
Part number	Description	Wire diameter	Coating	Package
118322	1" knurled staples	9g	Class 3	50 lb carton
118323	1.25" knurled staples	9g	Class 3	50 lb carton
118324	1.5" knurled staples	9g	Class 3	50 lb carton
118325	1.75" knurled staples	9g	Class 3	50 lb carton

Bekaert fence stays				
Part number	Description	Wire diameter	Coating	Package
118303	42" open top stay	9.5g	Class 3	bundle of 100
118314	48" open top stay	9.5g	Class 3	bundle of 100

Bekaert electric fence wire				
Part number	Wire diameter	Length	Coating	Package
118220	14g	1,320' (¼ mile)	galvanized	spool
118306	14g	2,640' (½ mile)	galvanized	spool
119752	17g	1,320' (¼ mile)	galvanized	spool
118244	17g	2,640' (½ mile)	galvanized	spool

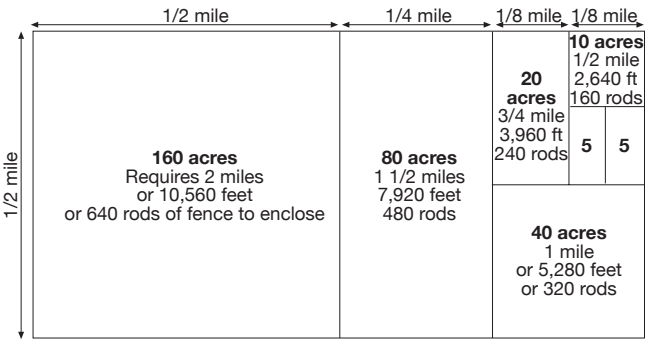


Bekaert high tensile Reddie Reel™				
Part number	Wire diameter	Length	Coating	Package
181382	12.5g	4,000'	Bezinal® coating	Reddie Reel™

Bekaert welded utility wire fabric				
Part number	Description	Type	Coating	Weight
118224	2x4 14g 36" 50'	utility fabric	galvanized	24 lbs
118311	2x4 14g 36" 100'	utility fabric	galvanized	47 lbs
118263	2x4 14g 48" 50'	utility fabric	galvanized	31 lbs
118378	2x4 14g 48" 100'	utility fabric	galvanized	62 lbs
118285	2x4 14g 60" 50'	utility fabric	galvanized	39 lbs
118389	2x4 14g 60" 100'	utility fabric	galvanized	77 lbs
118309	2x4 14g 72" 50'	utility fabric	galvanized	46 lbs
118408	2x4 14g 72" 100'	utility fabric	galvanized	93 lbs

Bekaert merchant quality low carbon wire coils				
Part number	Wire diameter	Length	Coating	Package
223896	9g	170'	Class 3	10 lb coil
223897	9g	1710'	Class 3	100 lb coil
118105	11g	270'	Class 1	10 lb coil
118108	14g	585'	Class 1	10 lb coil

# Fence calculation guide



## GENERAL POST SPACING REQUIREMENTS

Post spacing will vary with land conditions and stock pressure.

**High strength field fence:** up to 16.5'

*Products:* Gaucho® 20 and Gaucho® Pro 20 and 40

**High strength barbed wire:** up to 20' w/stays

*Products:* Gaucho® 20, 30, 40, and Gaucho® Pro 20, 30, 40

**High strength fixed knot fence:** up to 30'

*Products:* Solidlock® 30, and Solidlock® Pro 20, 30, 40

**Non-climb horse fence:** up to 14'

*Products:* Gaucho® 30 horse fence

**Non-climb sheep and goat fence:** up to 16'

*Products:* Gaucho® 30 sheep and goat fence

**Bekaert high strength coils:** up to 30' w/battens

*Products:* Bekaert 170 K PSI, Bekaert 200 K PSI

**Low carbon field fence:** 8'-10'

*Products:* Bekaert field fence

**Low carbon barbed wire:** up to 15'

*Products:* Bekaert barbed wire

**Low carbon non-climb horse fence:** 8'-10'

*Products:* Gaucho® 20 and 40 horse fence

# Glossary

- **Barb type:** flat vs round.  
A round barb uses a standard round wire in the barb.  
A flat barb uses a wire that has been flattened in the barb.
- **Bezinal® coating:** developed and produced exclusively by Bekaert, it is our advanced hybrid zinc-aluminum coating that helps your fence last longer.  
Bezinal® outperforms galvanized coatings by at least 3 to 1 (for the same coating weight).
- **Bezinal®+ UV coating:** developed and produced exclusively by Bekaert, it is our superior hybrid coating that extends the lifetime your fence.  
Outperforming galvanized coatings by at least 4 to 1 (for the same coating weight), Bezinal®+ UV coating has an added top coat of UV resistant paint.  
It gives your fence an attractive green or black finish and guards against rust.
- **Class 1 coating:** basic zinc alloy protection against rust; ASTM standards require .28 oz/ft<sup>2</sup> for 12.5 gauge wire.  
Class 1 offers protection against rust for 5-10 years.
- **Class 3 coating:** improved zinc alloy protection against rust; ASTM standards require .80 oz/ft<sup>2</sup> for 12.5 gauge wire.
- **Commercial coating:** basic zinc alloy protection against rust; without ASTM standards.  
Commercial coating offers protection against rust for 1-3 years.
- **Fence design:** numerical description for the construction of the fence, i.e. 1047-6.
- **Filler wire:** the main line wire diameter in field fence; this size does not include the top and bottom wire.
- **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.
- **Galvanization:** the process of applying a protective zinc coating to steel or iron, to prevent rusting.  
Galvanizing protects in two ways:
  1. it forms a coating of corrosion-resistant zinc which prevents corrosive substances from reaching the more delicate part of the metal.
  2. the zinc serves as a sacrificial anode so that even if the coating is scratched, the exposed steel will still be protected by the remaining zinc.
- **Hinge joint:** is formed by wrapping the vertical stay wire pieces around the line wire at each intersection.  
This design can absorb animal impact without damage.
- **Line wire:** the horizontal wires that make up a woven wire fence.

- **Part number:** unique numerical identifier for a particular product design.
- **Reel length:** the measurement of the fence on each reel, or roll, from end to end.
- **Reel/roll weight:** the physical weight of one unit of a given product.
- **Steel wire rod:** rolled alloy or non-alloy steel product, produced from a semi and having a round cross-section. Wire rod is wound into coils and transported in this form.
- **“S” knot:** 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. The animal friendly “S”-knot protects animals’ skin and coat.
- **Stay wire:** the vertical wires that make up a woven wire fence.
- **Stay spacing:** the distance between the vertical wires in a woven wire fence.
- **Tensile strength:** measures the force required to pull wire to the point where it breaks.
- **Top wire and bottom wire:** to increase the strength, field fence products often have larger wire gauges for the top and bottom wire that differs from the gauge of the filler wire.

## About Bekaert

Bekaert ([www.bekaert.com](http://www.bekaert.com)) is a world market and technology leader in steel wire transformation and coatings. Bekaert (Euronext Brussels: BEKB) is a global company headquartered in Belgium, employing close to 30 000 people worldwide. Serving customers in 120 countries, Bekaert pursues sustainable profitable growth in all its activities.

We are continually updating our existing products and adding new products to our product portfolio. If you do not find the product you are looking for in this catalog, please contact one of our sales members to discuss arranging a custom order for your specific needs.

**We are dedicated to finding the right solution for you.**



## Would you like to learn more about anything in this catalog?

Please do not hesitate to get in touch with us.

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