

This file introduce the barbed wire series, technical data, specifications, price account, packing, installation and barbed wire history.

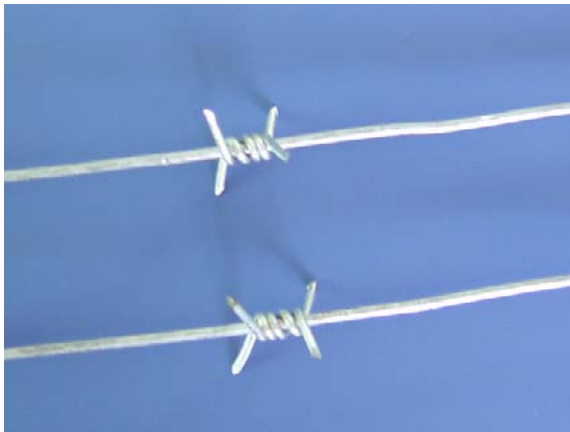


Barbed wire brief introduction:

Through barbed wire machine. Barbed wire is widely used in farms, grass land boundary, railway, highway, prison, private venue separation and protection.

Barbed wire types:

1. As twist types, there are single twist barbed wire, positive twisted barbed wire, negative twisted barbed wire and traditional twisted barbed wire.



There are single twist barbed wire



Positive twisted barbed wire



Negative twisted barbed wire



Traditional twisted barbed wire



2. As materials, surface treatment

Materials: galvanized wire, stainless steel wire, PVC coated wire, Al-Zn wire. Galvanized materials include electro galvanized wire and hot dip galvanized wire.

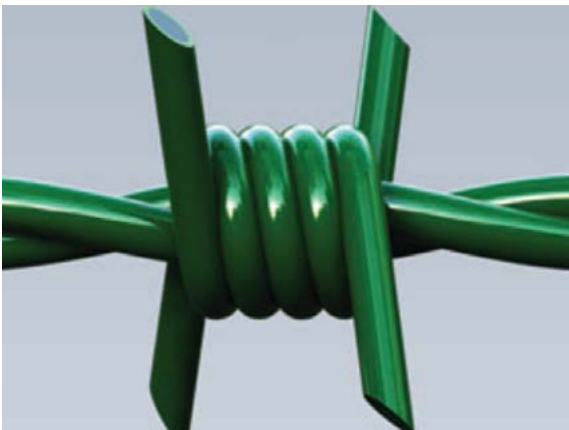
PVC coated barbed wire color: Green, Blue, Yellow, Gray and others.



Galvanized wire



stainless steel wire



PVC coated wire

Al-Zn wire: The galvanized coating is high zinc and aluminum. Galfan wire is with 5%-10% Al and 90%-95% Zn. Galfan means GALVANIZATION FANTASTIQUE "an extraordinary galvanized coating". Galfan coatings wire offer 2 to 3 times the corrosion resistance of normal galvanized wire. Now, Galfan coated wire is mainly used in gabion products. Recent years, the application in barbed wire is getting more and more widely.

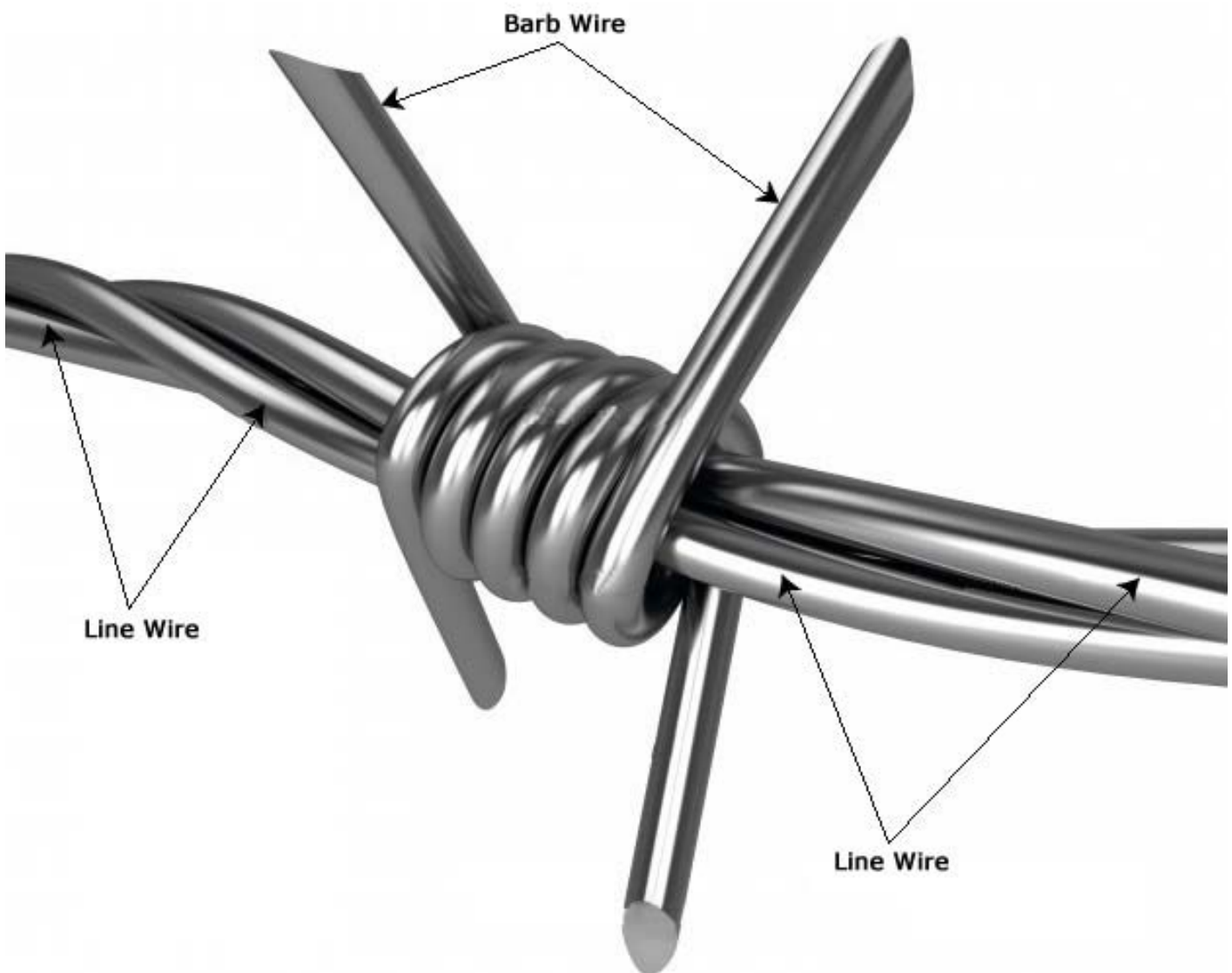


Technology data:

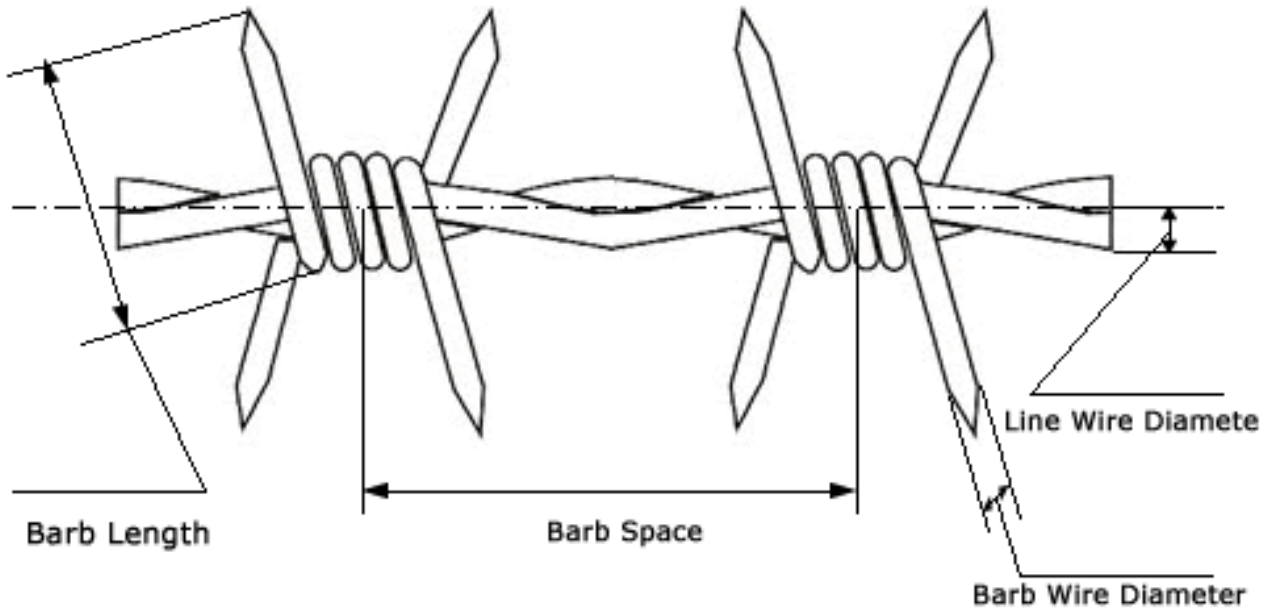
1. Wire diameter (unit: mm, BWG, inch.)

a. Line wire and Barb wire. In general, line wire diameter is bigger than the barb wire.

b. Line wire has single type and double type. Tensile strength: 30-45 Kgs/sq.mm.



- 2. Surface treatment: galvanizing, PVC coating, Al-Zn wire.
- 3. Twist types: single twist, positive twist, negative twist, traditional twist.
- 4. Barbed length / barb space.



- 5. Coil weight / coil size.



The common barbed wire specifications:

Barbed wire specifications				
Sizes	Wire Diameter (mm)		Barb Space (mm)	Barb Length (mm)
	Line Wire	Barb Wire		
Electro Gal/ Double wire12×14#	2.8	2.1	102	16
Electro Gal/ Double wire12×14#	2.8	2.1	76	16
Electro Gal/ Double wire12×14#	2.8	2.1	76	16
Electro Gal/ Double wire12×14#	2.8	2.1	102	16
Electro Gal/ Double wire12×14#	2.1	2.1	76	16
Electro Gal/ Double wire12×14#	2.1	2.1	102	16
Electro Gal/ Double wire12×14#	2.1	2.1	76	16
Electro Gal/ Double wire12×14#	2.1	2.1	102	16

PVC coated barbed wire thickness: 0.4mm-0.6mm.

Price Account:

Barbed wire cost: total weight x (line wire price x 70%+ barb wire price x 30%)+ processing fees

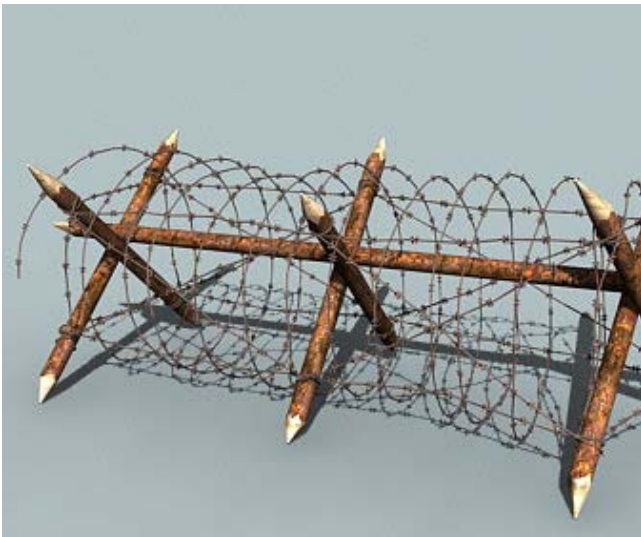


Packing:

In general, barbed wire length is about 200-250 m/roll. Weight is 20-30 kg. Barbed wire length is about 27-30cm. Wire decking package.



Installation:



Data needed when purchasing:

1. Materials and surface treatment;
2. Twist types;
3. Wire diameter: line wire and barb wire;
4. Barb length and barb space;
5. Coil weight and coil diameter;
6. Package types.

Barbed wire history:

As one of the three classic technological innovations that assisted in the economic development of the western United States (the others being the windmill and the revolver), barbed wire played a vital role in the development of the prairie-plains of Indian Territory after the Civil War.

Before barbed wire, people had started searching for the fencing materials. They are main wooden rails, stone, bush with barb, earth and so on. When colonists came to American continent, they began to seek to create a more economical fence.

About 400 years ago, people had started to produce cold rolled steel wire. Smooth-wire fencing was in general use when the first practical barbed wire appeared in 1868, created in New York by Michael Kelly. Because it used very sharp spikes. which often caused injuries to horses, cattle, and men, it was nicknamed "vicious" wire.

In 1874 Joseph Glidden patented a more marketable "obvious" barbed wire (with larger, dull-pointed, and safer barbs). Although hundreds of varieties were patented, the most popular were 2-Point Baker and 2-Point Glidden. This inspired him to invent and patent, a successful barbed wire in the form we recognize today. Glidden fashioned barbs on an improvised coffee bean grinder, placed them at intervals along a smooth wire, and twisted another wire around the first to hold the barbs in a fixed position. Courts declare Glidden the "Father of Barbed Wire".



From barbed wire successfully invented to today, Glidden's invention set off a creative frenzy that produced over 570 barbed wire patents. It is one of the intention changing the world. Many companies have begun production equipment for high-volume production.

