

## BARBED WIRE

— BEST PARTNER OF MESH

**Material:**

- Electro galvanized iron wire
- Electro galvanized high tensile steel wire
- Hot-dipped galvanized iron wire
- Hot-dipped galvanized high tensile steel wire
- Stainless steel wire
- Black iron wire and PVC coated in blue, green, yellow and other colors
- Electro galvanized wire and PVC coated in blue, green, yellow and other colors
- Hot-dipped galvanized wire and PVC coated in blue, green, yellow and other colors



**BARBED WIRE SPECIFICATION**

Type	Wire gauge (SWG) Strand wire x Barb wire(mm)		Barb distance(cm)	Barb length(cm)
Electric galvanized barbed wire; Hot-dip zinc plating barbed wire, Stainless steel wire	4.00mm x 2.80mm		7.5-15	1.5-3
	3.60mm x 2.80mm			
	3.20mm x 2.60mm			
	2.60mm x 2.60mm			
	2.60mm x 2.00mm			
	2.00mm x 2.00mm			
	2.00mm x 1.60mm			
	1.60mm x 1.60mm			
	1.60mm x 1.20mm			
	2.30mm x 2.20mm			
	2.20mm x 2.00mm			
	3.00mm x 2.80mm			
PVC coated barbed wire	Before coating	After coating	7.5-15	1.5-3
	BWG3.0mm-0.80mm	BWG4.10mm-1.40mm		
	SWG2.90mm-0.90mm	SWG4.00mm-1.40mm		
	1.0mm-3.5mm	1.4mm-4.0mm		
	BWG11#-20#	BWG8#-17#		
	SWG11#-20#	SWG8#-17#		
	PVC/PE PAINTING thickness:0.4mm-0.6mm			

**Weaving way of barbed wire: Regular twist and Reverse twist**



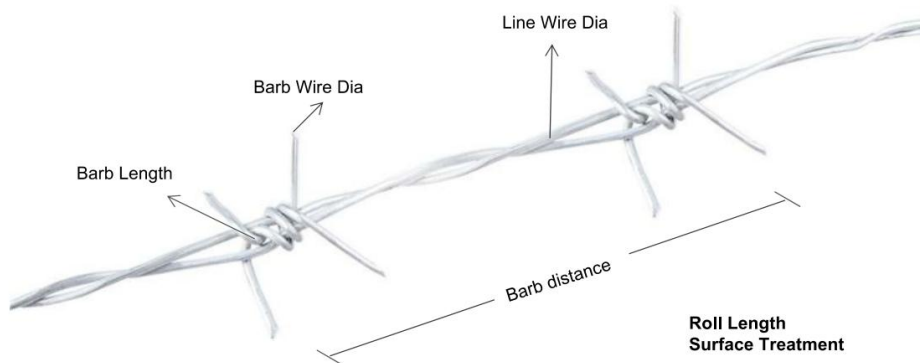
Regular Twist

Reverse Twist

Single Strand

## PRODUCT DETAILS

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### **Tensile Of Strength:**

**Soft:** about 380N/mm<sup>2</sup>

**Stronger:** about 800N/mm<sup>2</sup>-1200N/mm<sup>2</sup>

For steel wire, we only produce reverse twist because of the stronger tensile strength, or it will be deformed easily due to the less winding. Also also the max core wire and barbed wire diameter we can do is 2.0mm. Please make sure the main specifications on the drawings.

Normaly it does not need packing as it can loading more without packing.

The pallet packing is easy for loading and transport. According to the stipulation of the shipping company, if your order less than one container , it must be on the pallet .The loading quantity depends on the roll size you required, it is better to use 20' container ,because it can load more quantity , the shipping cost averaged to each roll will be cheaper. All sizes can be customized. please contact with YISIZHE for more details.

## COMPUTATIONAL FORMULA

**Single strand:**  $\text{diameter} \times \text{diameter} \times 0.00617 \times \text{length} \times 2$

**For example:** strand wire diameter is 2.00mm, barbed wire is 2.00mm, roll length is 400m, then the weight is  $2.00 \times 2.00 \times 0.00617 \times 400 \times 2 = 9.87\text{kg/roll}$

**Double strand:**  $\text{mainline diameter} \times \text{mainline diameter} \times 0.00617 \times \text{length} \times 2 + \text{barb diameter} \times \text{barb diameter} \times 0.00617 \times \text{length} \times 1$

**For example:** strand wire diameter is 2.00mm, barbed wire is 1.80mm, roll length is 400m, then the weight is  $2.00 \times 2.00 \times 0.00617 \times 400 \times 2 + 1.80 \times 1.80 \times 0.00617 \times 400 \times 1 = 17.86\text{kg/roll}$

