

ANPING TAILONG

HARDWARE&WIRE MESH PRODUCTS CO.,LTD

TLWY[®]
TaiLong Fence



BARBED WIRE
BARBED WIRE



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Barbed Wire

Barbed wire serves as a highly adaptable and widely utilized component in perimeter security systems across diverse settings. Its flexible deployment options allow it to be laid directly on the ground, mounted atop existing fences, or arranged in sequential rows as a standalone barrier. To ensure long-term durability and corrosion resistance, barbed wire is commonly manufactured with protective coatings such as galvanized zinc, PVC, or stainless steel, making it suitable for extended outdoor use in various environmental conditions.





DESCRIPTION

Regarded as one of the most economical and efficient physical security measures available, barbed wire is extensively applied in residential, agricultural, commercial, and industrial contexts. Whether for deterring trespassers, controlling livestock movement, or enhancing the security of sensitive facilities, it provides a reliable and immediately recognizable deterrent. Its straightforward installation, low maintenance requirements, and proven effectiveness make it a globally recognized and trusted choice for boundary demarcation and access control.

Galvanized Barbed Wire Specifications

Photo	Wire Diameter (BWG)	Length (m/kg)			
		Barb Distance 3"	Barb Distance 4"	Barb Distance 5"	Barb Distance 6"
	12×12	6.06	6.75	7.27	7.63
	12×14	7.33	7.90	8.30	8.57
	12.5×12.5	6.92	7.71	8.30	8.72
	12.5×14	8.10	8.81	9.22	9.562
	13×13	7.98	8.89	9.57	10.05
	13×14	8.84	9.68	10.29	10.71
	13.5×14	9.60	10.61	11.47	11.85
	14×14	10.45	11.65	12.54	13.17
	14.5×14.5	11.98	13.36	14.37	15.10
	15×15	13.89	15.49	16.66	17.50
	15.5×15.5	15.34	17.11	18.40	19.33

PVC Coated Barbed Wire

Photo	Wire Diameter		Barbs Distance	Barb Length	
	Before Coating	After Coating			
	1.0-3.5 mm	1.4-4.0 mm	75-150 mm	15-30 mm	
	BWG 20 - BWG 11	BWG 17 - BWG 8			
	PVC coating thickness: 0.4-0.6 mm; different colors or length are available at customers request				



CATEGORY

Material



Galvanized



PVC Coated



Stainless Steel

Structure



Normal Twist Double Strand



Reverse Twist Double Strand



Single Strand



Production Flow Chart



Galvanized Wire Material



PVC Coated Wire Material



Barbed Wire Production



Barbed Wire Warehouse

Package & Delivery



BARBED WIRE PACKAGE



BARBED WIRE DELIVERY



FEATURES

✔ Structure

Barbed wire is made of thin iron or steel wire, usually with regularly spaced barbs. These barbs can be single or double, arranged in a spiral or staggered pattern to ensure their protective effect. The shape of the barbs can be serrated, pointed, or twisted loops. Typically, two or three wires are interwoven, with the barbs fixed to one of the wires, forming spaced protrusions.

✔ Function

Protective function: The main function of barbed wire is to prevent unauthorized personnel from entering a specific area. It is often used in fences, borders, military bases, prisons, and other places.

Deterrent effect: The barbs not only physically prevent crossing but also psychologically deter, increasing the difficulty of crossing.

High security: Compared to ordinary wire mesh or fences, barbed wire offers higher security and is difficult to cut or climb over easily.

✔ Material

Galvanized steel wire or stainless steel wire is commonly used. These materials prevent rust and increase durability. Sometimes, plastic-coated steel wire is also used to increase corrosion resistance and reduce the risk of injury from the barbs.

✔ Installation Method

Barbed wire can be installed on fences, walls, or posts, usually fixed with steel hooks or clamps. It can also be stretched over a larger area to form a robust fencing system to prevent climbing and crossing.

Double or multi-layer barbed wire: More wires and barbs are added to increase resistance.

Electrified barbed wire: Equipped with an electric current to increase the deterrent effect of electric shock.



APPLICATION



Barbed Wire With Chain Link Fence



Border Isolation



Farm



Military Use



Communication Base Station



Prison



Warehouse-1



Warehouse-2



Warehouse-3



Packing-1



Packing-2




Packing-3




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