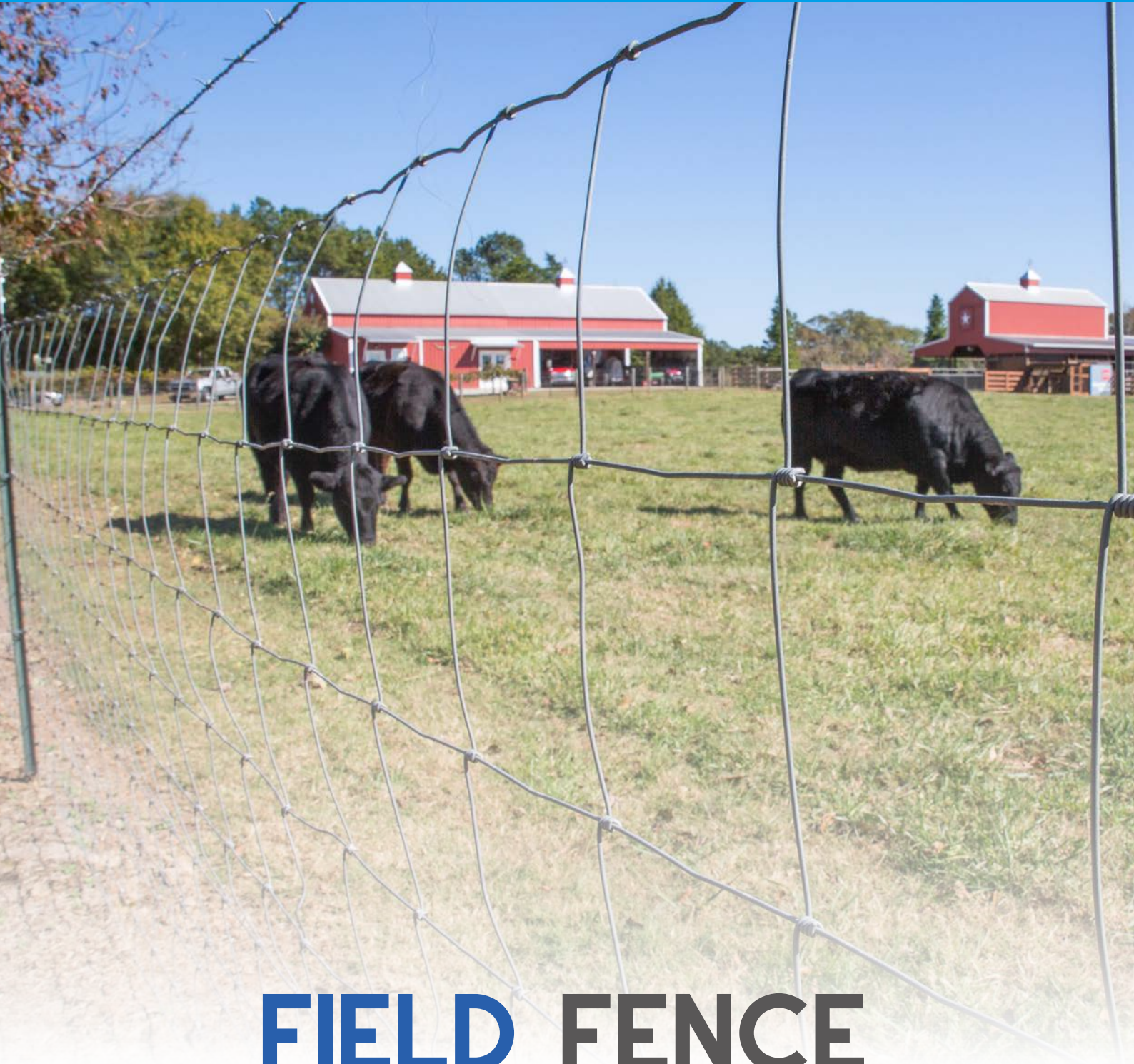




# WALCOOM

Walcoom Corporation



# FIELD FENCE

[www.walcoom.com](http://www.walcoom.com)  
E-mail: [sales@walcoom.com](mailto:sales@walcoom.com)

## "The best solution for farm and pasture fencing"

Walcoom Corporation has been offering the strong and durable field fencing products for 20 years. We are specialized in field fence producing and exporting. Advanced production equipment, skilled workers, professional sale representatives and considerate after sale service contribute our high quality products and long term cooperation with our customers.

**Field fence**, made of high quality carbon steel or zinc aluminum alloy, is also called cattle fence or grassland fence. Field fences can be divided into square deal field fence, fixed knot field fence and hinge joint fencing. With galvanized or PVC coated surface, they have good anti-corrosion effect.



**Compared with other fences, our field fences** are featured by the high strength, easy installation and long service life. They are widely used for fencing of various animals such as cattle, horse, sheep and deer. Besides, they also can be used with barbed wire for farm fencing, garden fencing, road fencing, forest fencing and so on.

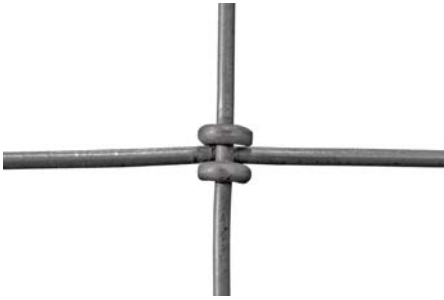
### Feature of field fence

- High strength and firm structure.
- Various styles and sizes for choice.
- Corrosion and rust resistance.
- Easy installation and less maintenance.
- Durable and long service life.



## Specification of field fence

- **Material:** carbon steel, zinc aluminum alloy.
- **Surface treatment:** galvanized, PVC coated.
- **Type:** square deal field fence, hinge joint fencing, fixed knot field fence.



Square deal  
field fence



Hinge joint  
fencing



Fixed knot field  
fence

## Application

- Cattle or horse fence.
- Grassland or farm fence.
- Hunting or game fence.
- Road or highway fence.
- Garden fence.
- Forest fence.
- Perimeter fence.
- Plantation fence



## Square deal field fence



Square deal field fence, made of high quality steel wire, is also called S knot field fence because of the S shaped knot. It is formed by using a separate wire to attach the line wire to the solid stay wire, and the knot is very smooth. With hot dipped galvanized surface, square deal field fence is corrosion and rust resistant. Featured by high strength, perfect rigidity and long service life, it is widely used for various animals fencing in farm and pasture. Besides, it also can be used for forestry fencing, road, railway, or highway fencing and so on.

## Advantage of square deal field fence

- High strength and rigidity.
- Not buckling or sagging.
- Anti-climb effect for security.
- Corrosion and rust resistant.
- Various sizes for applications.
- Durable and long service life.

## Specification of square deal field fence

- **Material:** steel wire.
- **Typical surface treatment:** hot dipped galvanized.

**Table 1: Common Specifications of Square Deal Field Fence**

Item	SKF 22/160/15	SKF 17/192/15	SKF 22/200/15	SKF 20/245/15
Knot	S knot	S knot	S knot	S knot
Height	1600 mm	1920 mm	2000 mm	2450 mm
Light High Tensile	RL	R	RL	R
Number of Longitudinal Wire	22	17	22	20
Wire Diameter	2.0 mm	2.5 mm	2.0 mm	2.5 mm
Mesh Size	15 cm	15 mm	15 cm	15 cm
Standard Roll Length	50 m, 100 m, 150 m, 200 m	50 m, 100 m, 150 m, 200 m	50 m, 100 m, 150 m, 200 m	50 m, 100 m, 150 m, 200 m
Tensile Strength of Longitudinal Wire	1300 N/mm <sup>2</sup>	1400 N/mm <sup>2</sup>	1300 N/mm <sup>2</sup>	1400 N/mm <sup>2</sup>
Tensile Strength of Vertical Wire	900 N/mm <sup>2</sup>	900 N/mm <sup>2</sup>	900 N/mm <sup>2</sup>	900 N/mm <sup>2</sup>
Suitable Animal	sheep, goat, cattle, chicken, rabbit	deer, cattle, pig, sheep, goat	sheep, goat, cattle, chicken, rabbit	deer, horse, cattle, sheep, pig

## Hinge joint fencing



Hinge joint fencing, also called farm fencing or hinge joint fence, is made of low carbon steel wire or zinc aluminum alloy wire. And there are two vertical stay wires that wrap together to form hinged joint then twisted on the horizontal line wire. With the features of high tensile strength, corrosion and rust resistance, easy installation and long service life, hinge joint fencing is the best choice for ranchers to fence and protect their animals such as cow, horse, deer and sheep. Besides, It's also popular for garden fencing, lawn fencing, forest fencing and so on.

## Advantage of hinge joint fencing

- High strength and flexibility.
- High utility value, easy installation.
- Corrosion and rust resistant.
- Durable and long service life.

## Specification of hinge joint fencing

- **Material:** low carbon steel wire, zinc aluminum alloy wire.
- **Typical surface treatment:** galvanized.

**Table 2: Wire Diameter and Tensile Strength of Hinge Joint Fencing**

	Light Duty Fence		Middle Duty Fence		Heavy Duty Fence		Extra Heavy Duty Fence	
	Wire Diameter (mm)	Minimum Tensile Strength (N/mm <sup>2</sup> )	Wire Diameter (mm)	Minimum Tensile Strength (N/mm <sup>2</sup> )	Wire Diameter (mm)	Minimum Tensile Strength (N/mm <sup>2</sup> )	Wire Diameter (mm)	Minimum Tensile Strength (N/mm <sup>2</sup> )
<b>Top and Bottom Horizontal Wire</b>	2.0	650	2.5	650	3.0	650	3.7	650
<b>Other Horizontal Wires and Vertical Wire</b>	1.6	450	2.0	450	2.5	400	3.0	400

**Table 3: Common Specifications of Various Types Hinge Joint Filed Fence**

Hinge Joint Field Fence Type	Fence Height (mm)	Horizontal Wire Number	Distance Between the Vertical Wire (mm)	Mesh Opening Number and Mesh Height (mm)	Roll Length (m)
HJF 1050/13/15	1050	13	150	6-75, 6-100	50 100 150
HJF 1250/15/15	1250	15	150	6-75, 8-100	
HJF 1550/18/15	1550	18	150	6-75, 11-100	
HJF 1550/15/15	1550	15	150	11-100, 3-150	
HJF 1850/20/15	1850	20	150	6-75, 11-100, 2-150	
HJF 1850/16/15	1850	16	150	10-100, 3-150, 2-200	
HJF 1950/17/15	1950	17	150	11-100, 3-150, 2-200	
HJF 2000/21/15	2000	21	150	6-75, 11-100, 3-150	
HJF 2400/23/15	2400	23	150	6-75, 11-100, 3-150, 2-20	

## Fixed knot field fence

Fixed knot field fence, mainly made of low carbon steel wire, is also called game fence. It is featured by the solid knot, which combines the hinge joint knot structure. This field fence has higher strength and flexibility and it can be installed quickly with fewer fence posts. With less cost, corrosion resistance, easy installation and long service life, fixed knot field fence is mainly used as field fence to protect cattle, deer, horse and goat. It's also used as farm fence, grassland fence, hunting fence, perimeter fence, plantation fence, etc.



## Advantage of fixed knot fence

- High strength and flexibility.
- Firm structure and less cost.
- Corrosion and rust resistance.
- Easy installation, less maintenance.
- Durable and long service life.

## Specification of fixed knot fence

- **Material:** high tensile low carbon steel wire.
- **Surface treatment:** galvanized, PVC coated.
- **Zinc coating:** 230-350 g/m<sup>2</sup>.
- **Horizontal wire:** 2.50 mm, **tensile strength:** 1200-1400 N/mm<sup>2</sup>;
- **Vertical wire:** 2.50 mm, **tensile strength:** 820-970 N/mm<sup>2</sup>;
- **Node wire:** 2.24 mm, **tensile strength:** 400-550 N/mm<sup>2</sup>;

**Table 4: Common Type Fixed Knot Field Fence Specification**

Type	Fence Height (cm)	Number of Horizontal Wire	Distance of Vertical Wire (cm)	Roll Length (m)
FKF 100/8/15	100	8	15	50, 100, 150
FKF 100/8/30	100	8	30	50, 100, 150
FKF 120/9/15	120	9	15	50, 100, 150
FKF 120/9/30	120	9	30	50, 100, 150
FKF 150/11/15	150	11	15	50, 100, 150
FKF 150/11/30	150	11	30	50, 100, 150
FKF 150/14/15	150	14	15	50, 100, 150
FKF 160/20/15	160	20	15	50, 100, 150
FKF 160/23/15	160	23	15	50, 100, 150
FKF 180/13/15	180	13	15	50, 100, 150
FKF 180/24/15	180	24	15	50, 100, 150
FKF 200/18/15	200	18	15	50, 100, 150
FKF 220/26/15	220	16	15	50, 100, 150

## Recommended hinged mesh specifications for different applications

**Table 5: Recommended Light Duty Hinge Mesh Sizes for Sheep Fencing**

Wire	Wire Diameter (mm)	Strength (N/mm <sup>2</sup> )
Top and Bottom Wire	2.50	≥ 710
Other Wire	1.90	440–540

**Table 6: Recommended Light Duty Hinge Mesh Types for Sheep Fencing**

Type	Height (cm)	Number of Horizontal Wire	Distance Between Vertical Wire (cm)	Roll Length (m)
200/24/15	200	24	15, 20, 30	50, 100
200/20/15	200	20		
200/17 15	200	17		
148/18/15	148	18		
147/10/30	147	10		
122/9/15	122	9		
100/14/15	100	14		
100/8/15	100	8		
80/8/15	80	8		
60/6/15	60	6		

**Table 7: Heavy Serious Hinged Mesh Recommended Sizes for Pig Fencing or Cow Fencing**

Wire	Wire Diameter (mm)	Strength (N/mm <sup>2</sup> )
Top and Bottom Wire	3.00	≥ 710
Other Wire	2.50	440–540

**Table 8: Heavy Serious Hinged Mesh Recommended Types for Pig Fencing or Cow Fencing**

Type	Height (cm)	Number of Horizontal Wire	Distance Between Vertical Wire (cm)	Roll Length (m)
200/17/15	200	17	15, 20, 30	50
140/11/15	140	11		
124/9/15	124	9		
100/8/15	100	8		
80/8/15	80	8		



**Table 9: Super Heavy Serious Hinge Joint Fencing Recommended Sizes**

Wire	Wire Diameter (mm)	Strength (N/mm <sup>2</sup> )
Top and Bottom Wire	4.00	≥ 710
Other Wire	3.00	440–540

**Table 10: Super Heavy Serious Hinge Joint Fencing Recommended Types**

Type	Height (cm)	Number of Horizontal Wire	Distance Between Vertical Wire (cm)	Roll Length (m)
164/12/15	164	12	15, 20	50
140/11/15	140	11		
124/9/15	124	9		
120/10/15	120	10		
100/9/15	100	9		
100/8/15	100	8		
100/6/15	100	6		
80/8/15	80	8		

**Table 11: Recommended Hinge Mesh Sizes for Hunting Fencing**

Wire	Wire Diameter (mm)	Strength (N/mm <sup>2</sup> )
Top and Bottom Wire	2.50	≥ 710
Other Wire	1.90	440 - 540

**Table 12: Recommended Hinge Mesh Types for Hunting Fencing**

Type	Height (cm)	Number of Horizontal Wire	Distance Between Vertical Wire (cm)	Roll Length (m)
200/14/30	200	14	30	100
200/20/30	200	20	30	100

## Hot product types

- SKF 22/160/15.
- HJF 1050/13/15.
- HJF 1550/18/15.
- HJF 1850/16/15.
- FKF 180/13/15.
- FKF 180/24/15.

## Three methods of wild boars fence installation

### • **First method: metal fence partly buried.**

To build a fence and prevent migration of wild boars, the fencing may be partially buried in the ground. For example, a 210 cm height fencing buried 35 cm deep, and left 175 cm height above ground. This method is effective against wild boars but we lose a little height. So, If you need a fence 210 cm height above ground, you should order 245 cm height fencing, and bury 35 cm into ground. If you need a fence 200 cm height above ground, you should order at least 230 cm height fencing, and bury 30 cm into ground.

### • **Second method: mesh fence add skirt buried.**

Another option fence to prevent the passage of wild boars is burying a mesh skirt fixed by stitching wire or fence staples to the based fence. This method can maintain the original height of the base fence, against the boar with 30 cm skirt buried (wild boars can get to dig to a certain depth), thus, avoiding accidents. In major road, highway and rail infrastructure, we will often use these fences to avoid boars and other animals access into.

### • **Third method: strengthen the base field fence with another mesh fence.**

To prevent the passage of feral if we already have a fence, the best option may be to strengthen the fenced at its base. A rigid mesh panel (may be chicken wire mesh or welded wire panels) attached to existing fencing by fence staples or binding wires and bury it in the ground, it would be a good choice.

## Information supplied by the purchaser

The following information shall be supplied by the purchaser at the time of inquiry or order:

- Type.
- Size.
- Quantity.

# FIELD FENCE

Walcoom Corporation



Add: No. 3481, Yongxing Road, Hengshui City, Hebei Province, China.  
Tel: +86-15030811699  
Skype: wiremesh@live.com  
E-mail: sales@walcoom.com  
Web: <http://www.walcoom.com>

