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WEIFANG WILDA MACHINERY CO.,LTD.

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## Company Profile

WEIFANG WILDA MACHINERY CO.; LTD.

Set up at 2003. - Professional experience for many years brought up our company becoming a mainly comprehensive enterprise in China. Our main business lines include making metal structure products, machining processing parts and some auto parts. Our company have machining workshop with CNCs and different model pipe bending machines, laser cutting machines, metal sheet bending machines. etc., Punching workshop with different type of punching machines, Welding workshop with Carbon Dioxide Shielded Welding, Argon Arc Welding, Spot Welding Equipment, etc., Steel pipe workshop with Automatic Precision Longitudinal Welded Pipe Production Line, Surface treatment workshop with Powder Coating Line and Zinc Thermo Diffusion Line, Casting foundry for Iron Casting Parts.

Now we are making:

1. Steel pipe series products.
2. Sheet metal products.
3. Metal structure products using for High-tech agriculture, like green house legs, anchors, clamps, brackets, metal fence etc.
4. Fire fighting pump and parts, Mining pump parts.
5. Casting parts.

Most of our products are made as customer's designs or samples and exported to foreign markets, like North America, Europe and South America, Asia, Africa, etc. And the annual output value is more than 30 million US Dollars.

Our company has passed ISO9001, ISO24001, ISO45001 certification.



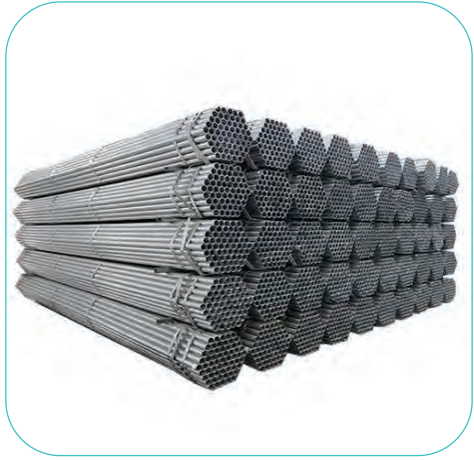
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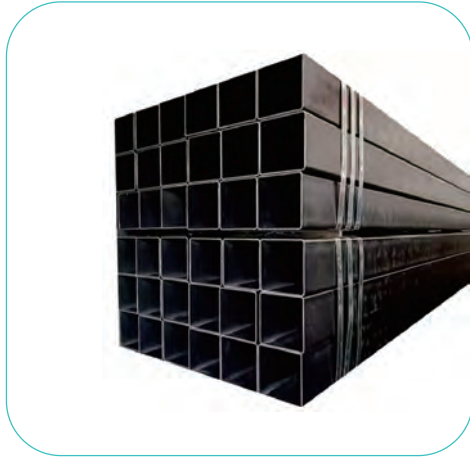
*Make as your* **Designs  
Request  
Samples**



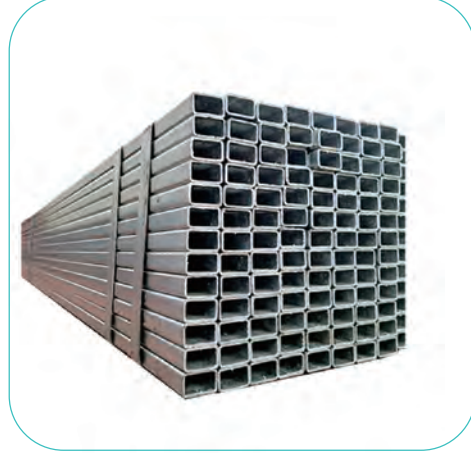
## ERW Steel Pipe



Round Pipe



Square Pipe



Rectangle Pipe



Oval Pipe



Black Pipe



Special-Shaped Pipe

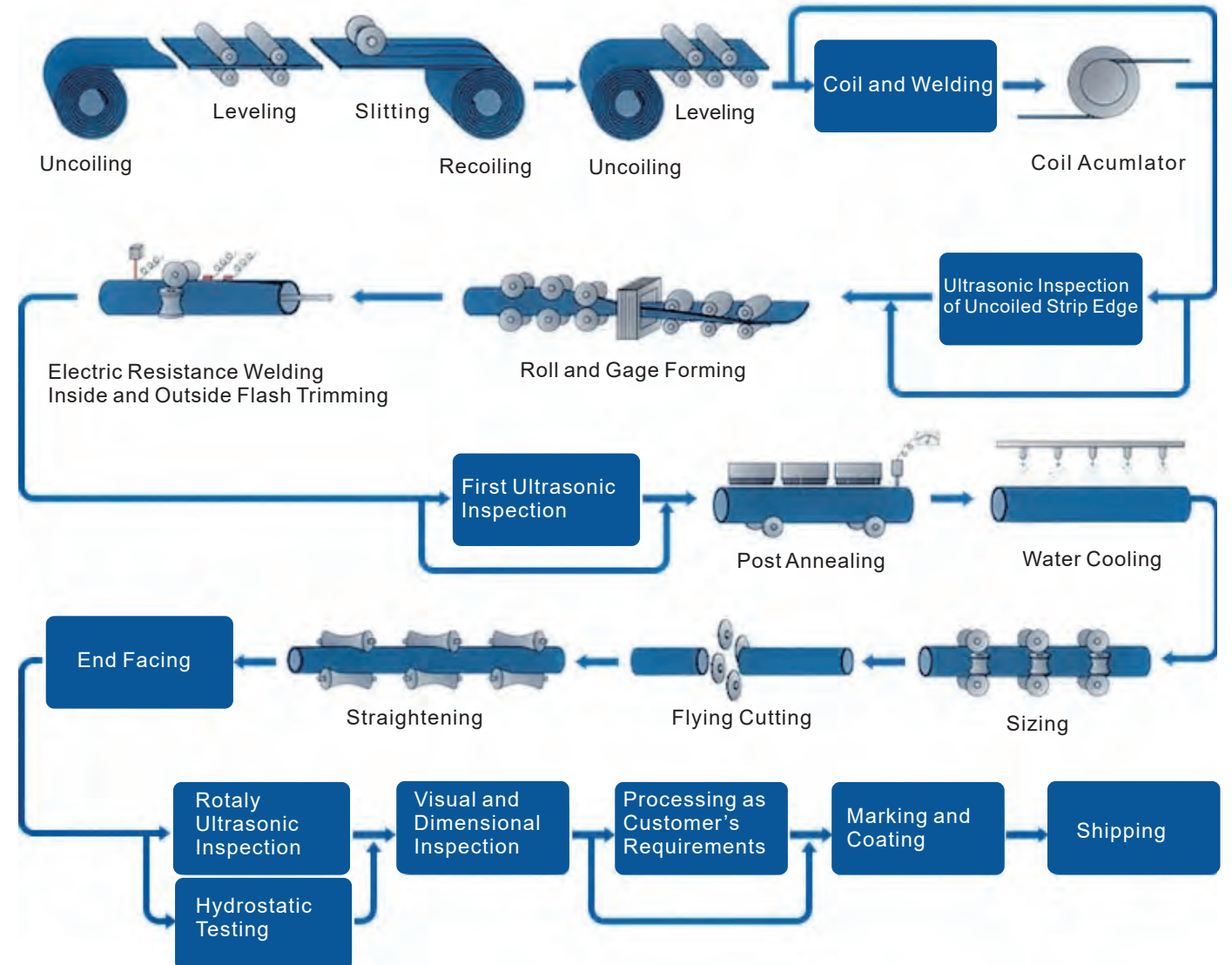


## Galvanized Steel Pipe

We can produce and supply various steel pipes according to international standard. Galvanized Steel Pipes are used in the following fields, like Greenhouse Frame, Livestock Yard, Steel Structure, Building Structure, Transportation of Low Pressure Liquid and Gas, etc. Our products are exported to about 60 countries in the world; we get a lot of recognition from many customers since our good quality and service.

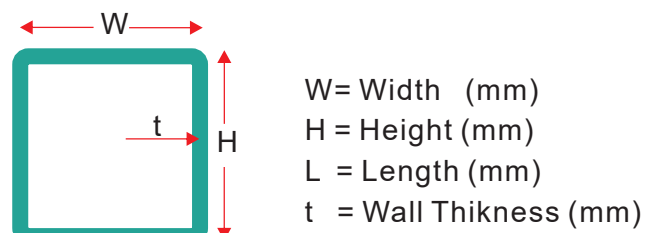


### Production process

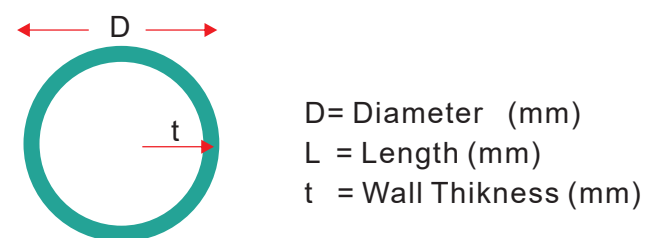




# Steel Pipe



$$\text{Theoretical Weight} = [(W+H)*2 \div 3.14 - t] * t * 0.0246615 * L$$



$$\text{Theoretical Weight} = (D-t) * t * 0.0246615 * L$$

Round Pipe				Square Pipe		Rectangular Pipe		Oval Pipe	
Nominal Diameter	Specification	Outer Diameter (mm)	Wall Thickness Range (mm)	Specification	Wall Thickness Range (mm)	Specification	Wall Thickness Range (mm)	Specification	Wall Thickness Range (mm)
DN15	1/2"	20	0.8-4.0	20x20	0.8-4.0	20x40	0.8-4.0	25x40	0.8-2.5
		22	0.8-4.0	25x25	0.8-4.0	25x50	0.8-4.0	25x50	0.8-2.5
DN20	3/4"	25	0.8-4.0	30x30	0.8-4.0	30x40	0.8-4.0	30x50	1.0-2.5
		32	0.8-4.0	32x32	0.8-4.0	30x50	0.8-4.0	30x60	1.0-2.5
DN25	1"	38	1.0-4.0	35x35	0.8-4.0	37x57	1.0-4.0	30x70	1.0-2.5
		40	1.0-4.0	38x38	1.0-4.0	40x60	1.0-4.0	30x75	1.0-2.5
DN32	1 1/4"	42	1.0-4.0	40x40	1.0-4.0	37x77	1.0-4.0	30x78	1.0-2.5
		47	1.0-4.0	50x50	1.0-4.0	25x75	1.0-4.0	30x80	1.0-2.5
DN40	1 1/2"	48	1.0-4.0	60x60	1.0-4.0	40x80	1.0-4.0	40x60	1.0-2.5
		59	1.0-4.0	75x75	1.0-4.0	50x75	1.0-4.0	40x70	1.0-2.5
DN50	2"	60.3	1.0-4.0	80x80	1.0-4.0	38x75	1.0-4.0	40x80	1.0-2.5
		75	1.0-4.0	100x100	1.0-4.0	50x100	1.0-4.0	40x90	1.0-2.5
DN65	2 1/2"	87	1.0-4.0			50x150	1.0-4.0		
DN80	3"								
DN100	4"								

Zinc Coating 60-275g/m<sup>2</sup>

Standard 6m (20ft) or Customized 5.8m(19ft), 7.3m(24ft), 10m(33ft), 11.8m(39ft), 12m(40ft)

# Steel Pipe Process



Bending



End Swedged



Stamping



Laser Cutting



Thread End



With Hole



Press & Weld



Powder Coating



Weld



## Steel Pipe For Greenhouse

### Single-Span Plastic Film Tunnel Greenhouse

Item: Single-Span Plastic Film Tunnel Greenhouse  
Size (m): L 30 \* W 8  
Side height: 1.5 m  
Top height: 3.2 m  
Wind Load: 80-130 km/h  
Snow Load: 0.5KN/m<sup>2</sup>  
Plants Hanging Load: 0.15KN/m<sup>2</sup>  
Rain Drainage: 140 m<sup>3</sup>/h  
  
8\*30 greenhouse basic configuration  
Steel Structure: Hot-galvanized steel pipe  
Covering material: PE film  
Arched roof pipe: Φ32\*2.0 mm  
Spacing: 2m  
Door:0.9\*2m  
Ventilation: Roll-up side curtain by manual\*2



8\*30m The Cheapest Single-Span Plastic Film Tunnel Greenhouse is composed by hot dipped galvanized pipe with three layers film for the covering material. The frame structure is simple, cheap cost and easy to install.

### Multi-Span Plastic Film Tunnel Greenhouse

Item: The Cheapest Multi-span plastic film greenhouse  
Span: 6m/8m/10m customized  
Length: 30m/50m/60m or customized  
Shoulder Height:1.5m-1.8m or customized  
Roof Height: 3.5m or customized  
Wind Load: 0.6KN/M<sup>2</sup>  
Snow Load: 0.5KN/M<sup>2</sup>  
Max. Rain Quantity: 140mm/h

Plastic-film Multi-Span Greenhouse, cost-saving and convenient to use, is a kind of equipment for cultivation or breeding that is constructed simply. The greenhouse has great space-efficient performance and strong ventilation ability, also preventing the heat loss and the intrusion of cold air.



### Blueberry Greenhouse

Item: Blueberry Greenhouse  
Structure Material: Hot dipped galvanized steel frame/Pre-galvanized steel pipe  
Structure Style: On Request Design  
System: Shading System, Ventilation System  
Cover material: 200 micron/150 micron /100 micron plastic film  
Length: 30m/50m/60m(can be customized)  
Span Width:6.4m/8m/9.6m(can be customized)  
Apex Height:3.5-10m(According to requirements, can be customized)



## Steel Pipe For Greenhouse

### Multi-span Hydroponic PC Sheet Glass Greenhouse

Item: Multi-span Hydroponic PC Sheet Glass Greenhouse  
Material: Hot Dipped Galvanized Steel Pipe  
Diameter: 25mm,32mm,40mm,42mm,50mm,60mm  
Cover material: PC sheet cover  
Length: 30-60m or customized  
Span width: 9.6m, 10.8m, 12m or customized  
Roof height: 3-6m,can customized  
Wall height: 3.5m or customized  
Wind load: 0.6KN/m<sup>2</sup>  
Snow load: 0.5KN/m<sup>2</sup>



### Multi-span glass greenhouse

Item: Multi-span glass greenhouse  
Material: Hot Dipped Galvanized Steel Pipe  
Advantage: High and even light transmission long lifetime and high intensity  
Strong corrosion resistance and fire resistance  
Good thermal insulation performance.  
Modern and elegant design  
Wind load: 0.3KN/m<sup>2</sup>  
Snow load: 0.4KN/m<sup>2</sup>  
Max. discharge water ability: 120mm/h(5 minutes per time)



### Photovoltaic greenhouse

Item: Photovoltaic greenhouse  
Material: Hot Dipped Galvanized Steel Frame  
Cover: Double-Layer Tempered Glass/Polycarbonate Board(can be customized)/Solar Energy Generates Electricity Board  
Around Cover Material: Hollow Tempered Glass (Thickness customizable)  
Span: 6.4m/8m/9.6m (Customized)  
Length: 30m/50m/60m(Customized)  
Roof Height: 3.5-10m(According to requirements can be customized)  
Shoulder Height: 1.5-1.8m (According to requirements can be customized)  
Optional Configuration System:  
1. Ventilation System: Side/Top a Roll-up Film Ventilation  
2. Cooling System: Side Suction Fan/Cooling Cooling Pad  
3. Shading System  
4. Drip/Micro Irrigation System  
5. Heating System  
6. Smart Control System





## Greenhouse Accessories



**Pre-galvanized Steel Pipe**  
 Suitable For: Greenhouse Frame  
 Size: Customized  
 Zinc Coat: 80-275 g/m<sup>2</sup>



**Galvanized Legs**  
 Suitable For: Greenhouse Frame  
 Size: Customized  
 Zinc Coat: 80-275 g/m<sup>2</sup>



**Galvanized Legs**  
 Suitable For: Greenhouse Frame  
 Size: Customized  
 Zinc Coat: 80-275 g/m<sup>2</sup>



**Galvanized Anchor**  
 Suitable For: Greenhouse Frame  
 Size: Customized  
 Zinc Coat: 80-275 g/m<sup>2</sup>



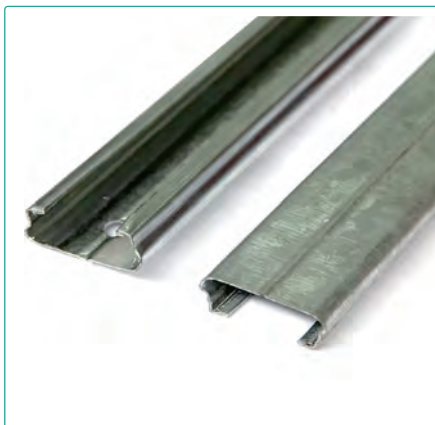
**Galvanized Anchor**  
 Suitable For: Greenhouse Frame  
 Size: Customized  
 Zinc Coat: 80-275 g/m<sup>2</sup>



**Galvanized Anchor**  
 Suitable For: Greenhouse Frame  
 Size: Customized  
 Zinc Coat: 80-275 g/m<sup>2</sup>



**Steel Pipe Connectors**  
 Material: Galvanized Steel  
 Diameter: 22mm, 25mm, 32mm  
 Thickness: 1.2-2.5mm



**Galvanized Wiggle Wire Channel**  
 Material: Galvanized Steel  
 Diameter: 22mm, 25mm, 32mm  
 Thickness: 0.7-1.25mm



**Wiggle Wire Channel Connector**  
 Thickness: 0.5-2 mm  
 Zinc Coat: 80-275g/m<sup>2</sup>  
 Size: 100x25mm

## Greenhouse Accessories



**Steel Clamp**  
 Material: Carbon Steel  
 Thickness: 1.5-2mm  
 Finish: BZP, Zinc Thermo Diffusion



**Steel Clamp**  
 Material: Carbon Steel  
 Thickness: 1.5-2mm  
 Size: 25/32/38/42/48mm



**Steel Clamp**  
 Material: Carbon Steel  
 Thickness: 0.8-2mm  
 Size: 25/32/38/42/48mm



**Shape Clamp**  
 Material: Carbon Steel  
 Thickness: 0.8-2 mm  
 Size: Customized



**T Shape Clamp**  
 Material: Carbon Steel  
 Thickness: 0.8-2 mm  
 Size: Customized



**Pressure Header A Plate**  
 Material: Carbon Steel  
 Thickness: 0.8-2 mm  
 Size: Customized



**Pipe Connection Clamp**  
 Material: Carbon Steel  
 Size: Φ22-Φ32  
 Thickness: 0.8-2 mm



**Polylock Fixing Clip**  
 Material: Carbon Steel  
 Size: Φ22-Φ32  
 Thickness: 0.8-2 mm



**Door Seat**  
 Material: Carbon Steel  
 Size : Φ22-Φ32  
 Thickness: 0.8-2 mm



## Greenhouse Accessories



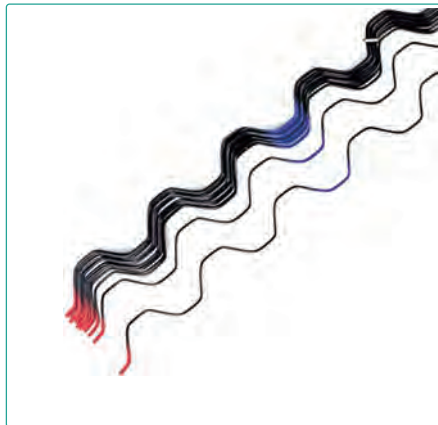
**U Bolt**  
Material: Carbon Steel / SS  
Surface: Zinc / Customized  
Size: Φ22, Φ25, Φ32



**Double U Shaped Bolt**  
Material: Carbon Steel / SS  
Surface: Zinc / Customized  
Size: Φ22, Φ25, Φ32



**U Shaped Bolt**  
Material: Carbon Steel / SS  
Surface: Zinc / Customized  
Size: Φ22, Φ25, Φ32



**Wiggle Wire**  
Material: Spring Steel  
Wire Diameter: Φ2.0 / Φ2.3mm  
Length: 2M



**Pressure Top Spring Clamp**  
Material: Spring Steel  
Wire Diameter: Φ2.0 / Φ3.2 / Φ3.8mm  
Finish: Black / Galvanized



**Tomato Hooks**  
Material: Spring Steel  
Wire Diameter: Φ2.0mm  
Finish: Black / Galvanized



**Bear Seat**  
Material: Carbon Steel  
Diameter: Φ22 / 25 / 32mm  
Finish: Customized

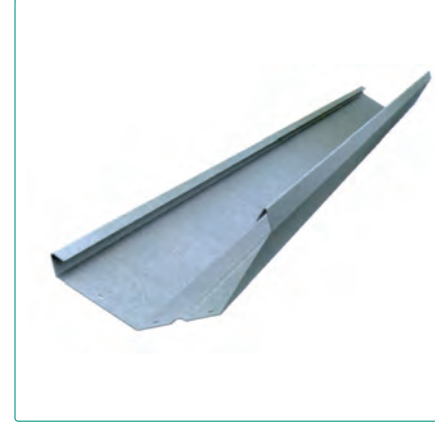


**Film Reeler With Turbine**  
Rated Torque: 40  
Length of Reeler Pole(m): 50  
Height of Film(m): 1.5; 3

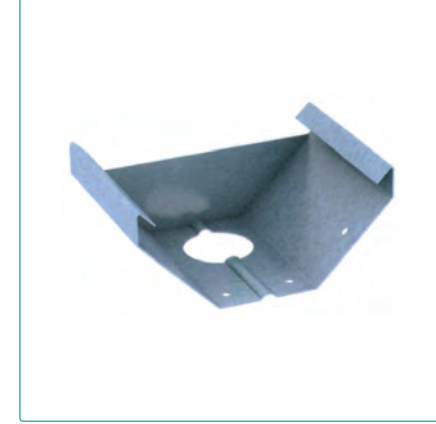


**Greenhouse Gutter Bracket**  
Material: Carbon Steel  
Thickness: 2.0 mm  
Size: 100-110 or Customized

## Greenhouse Accessories



**Greenhouse Gutter**  
Material: Carbon Steel  
Thickness: 0.8-2.5 mm  
Size(mm): Customized



**Greenhouse Gutter Spout Hopper**  
Material: Carbon Steel  
Thickness: 2.0 mm  
Size(mm): 220mm



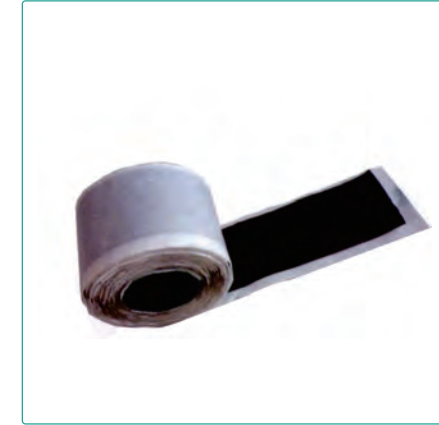
**Film Greenhouse Middle Bracket**  
Material: Carbon Steel  
Thickness: 2.0mm  
Size: Customized



**Film Greenhouse Middle Bracket**  
Material: Carbon Steel  
Thickness: 2.0 mm  
Size(mm): Customized



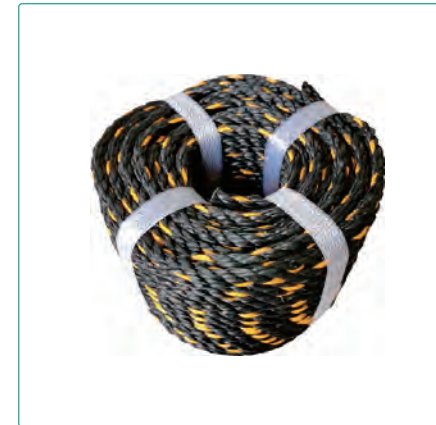
**Square Clamp**  
Material: Carbon Steel  
Thickness: 2.0 mm  
Size: Customized



**Gutter Seal Tape**  
Material: 1-3 mm  
Thickness: 50-45 mm  
Length: 10-25 m



**Polyester Wire**  
Color: Black / Transparent  
Size: 2.5x2.0, 2.3x1.8 mm  
Description: 2000m, 4000m/Roll



**PP Rope**  
Material: PP  
Size: Customized  
Length: Customized

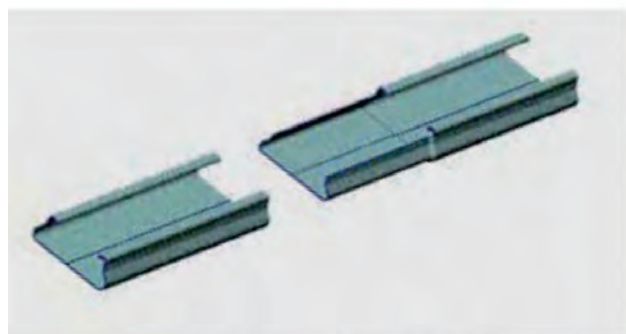


**PE Rope**  
Material: PE  
Size: Customized  
Thickness: Customized

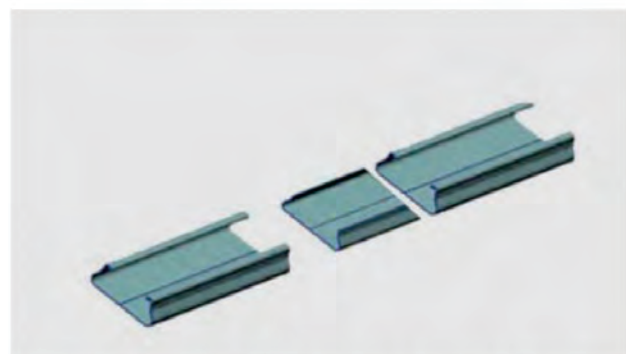


## Wiggle Wire Channel

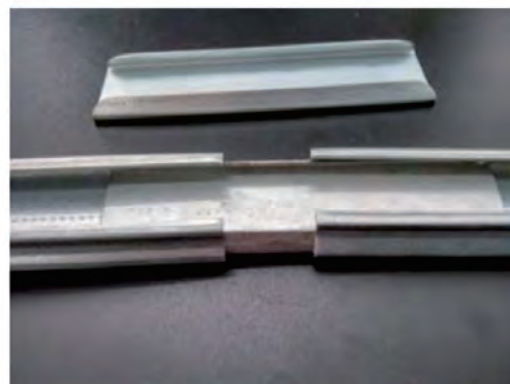
### Two options for Wiggle Wire Channel Connecting



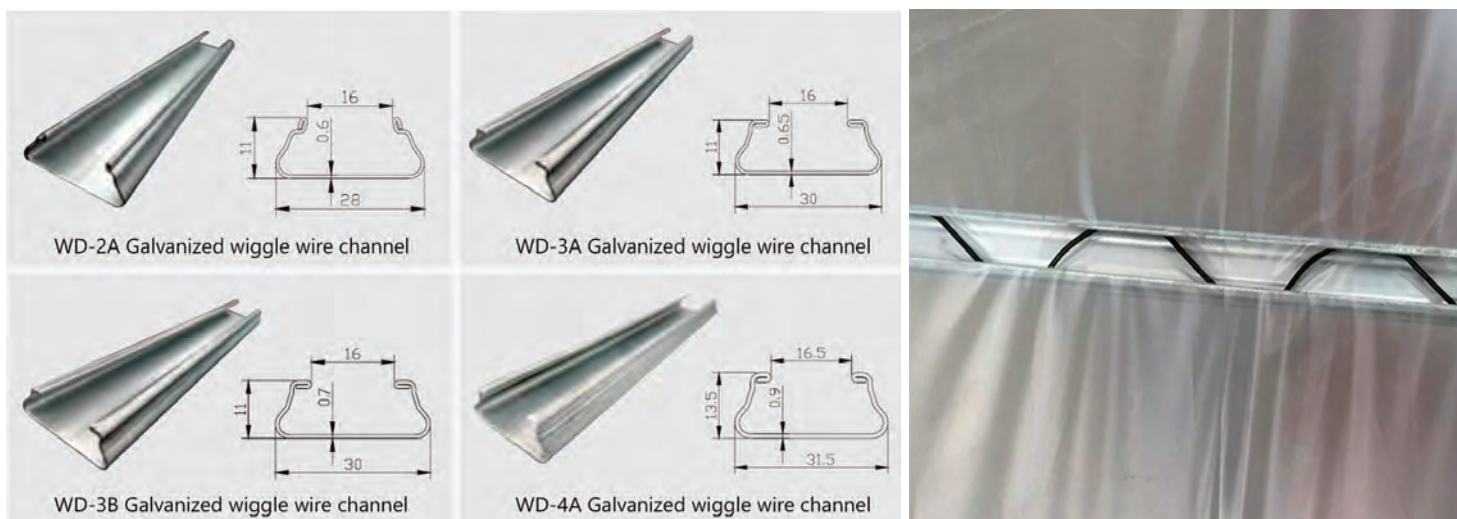
Swaged Ends Connecting



Wiggle Wire Channel Connector



### Galvanized Wiggle Wire Channel

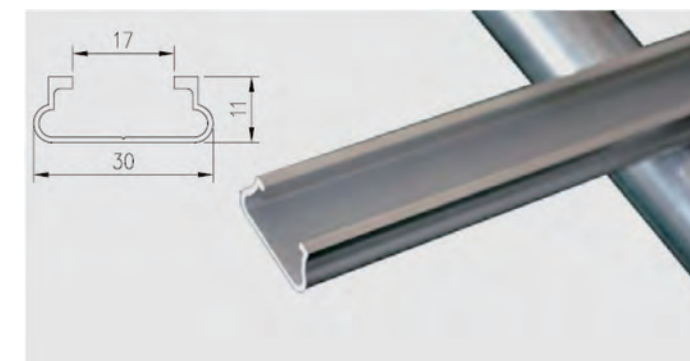


Model	WD-2A	WD-3A	WD-3B	WD-4A	As Customer's request to produce
Thickness	0.6mm	0.65mm	0.70mm	0.9mm	
Size[W*H]	28x10mm	30x11mm	30x11mm	31.5x13.5mm	
Zinc Coating	≥120g/m <sup>2</sup>	≥120g/m <sup>2</sup>	≥120g/m <sup>2</sup>	≥120g/m <sup>2</sup>	
Length(m/pc)	0.5-6M or Customized				

## Wiggle Wire Channel

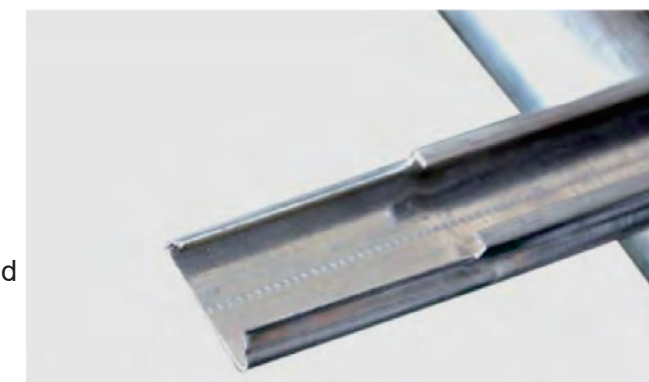
### Aluminum Wiggle Wire Channel

- 'U' Shape Aluminum Wiggle Wire Channel
- Strong anti-corrosion
- Work with 2 pcs of wiggle wire



### Swaged Galvanized Wiggle Wire Channel

- Self-connecting with ends connection, 30% intensity improved at connecting point;
- Working efficiency improved 100%
- Working with the Wiggle Wire, it may stand 14 grades wind



### Greenhouse Lock Channel Product Main Features:

The product zigzag wire with unique design and can resist fierce wind and snow. Zigzag wire can be used with specialized lock channel for greenhouse to fastening of film, shading net, etc. This type spring wire for greenhouse will be used together with our customized galvanized lock channel, Aluminum lock channel, and color plastic coated lock channel.

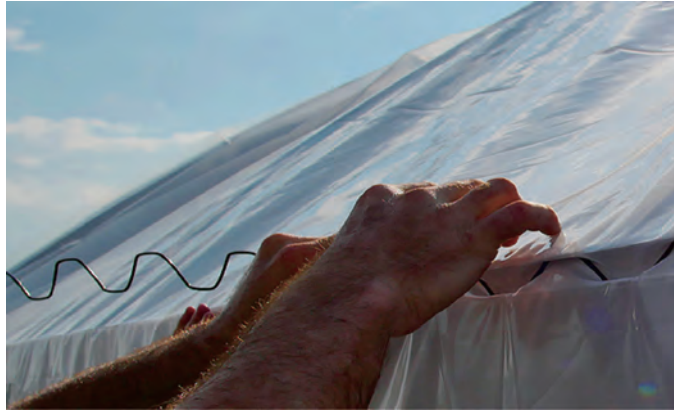


1. Scientific interior angle design and self-locking performance;
2. Works with spring, Strong wind resistance. it may stand 12 grades (>117 km/h) wind to ensure the greenhouse safety;
3. Can work with three pieces springs max;
4. Zinc coated: 275g/m<sup>2</sup>.
5. Easy and fast to install

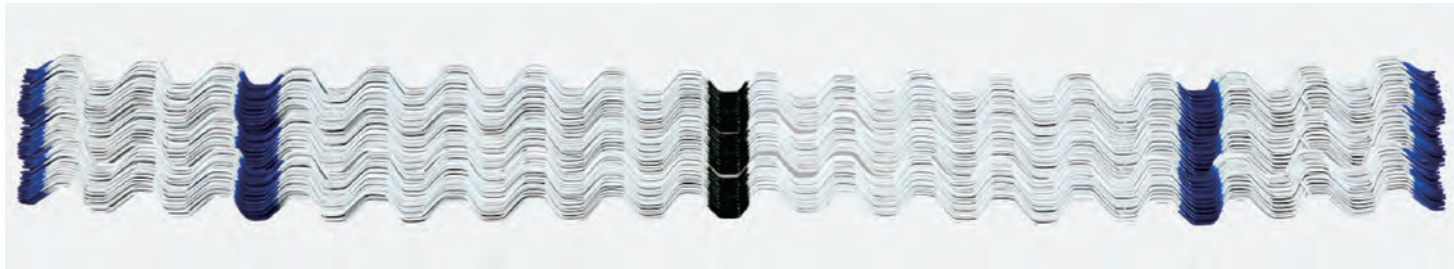




## Wiggle Wire



Wiggle Wire, commonly known as Spring Lock or Zig zag wire, is an economical and easy way to install greenhouse coverings, including polyethylene film, insect nets and shading netting, to a greenhouse structure. Wiggle Wire is widely used in conjunction with wiggle wire channel (or Lock channel) to form a tight and secure attachment of your greenhouse coverings.

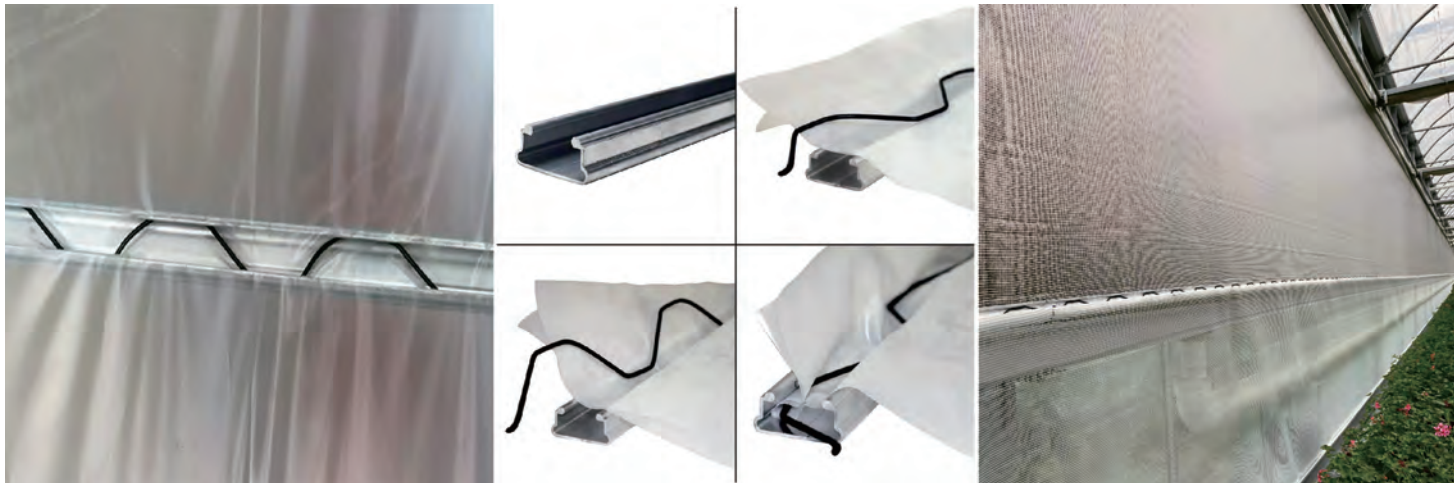


### Thicker and Rounded Ends Design

- 1、 To ensure easy and faster installation while simultaneously preventing tears
- 2、 Thicker and Rounded Ends PVC Coating to further reduce the chance of tear
- 3、 Hands-Friendly, Care for the operator

Specification of Wiggle Wire		
Diameter	Φ 2.0 mm	Φ 2.3 mm
Diameter With Coating	Φ 2.8 mm	Φ 3.0 mm
Length	2M	
Material	Galvanized Spring Wire	
Color	Black, White, Green, Blue	

### Application



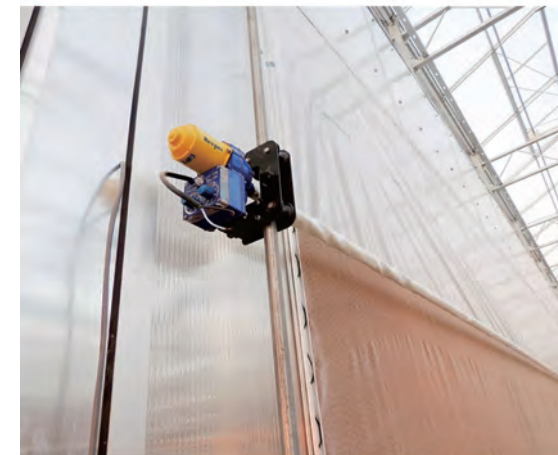
## Manual Film Reeler

Description:

- Mostly used to roll up the film of greenhouse
- Adopting one-molding and die-casting technique to product the shell, professional, very practical.
- Precise pulley, anti-aging, easy to roll up greenhouse film, save the human resource.
- High-quality chain, will not get rusty, long life cycle, save money
- Stable and durable screws
- Easily assembled, even without the professional guidance



## Electric Film Reeler



Electric Winch Roll Up Unit:

Greenhouse Electric Winch Roll Up Unit for Ventilation replacing traditional manual roll-up unit to reach high speed automation in revolving & releasing films and greenhouse environment, it is the new generation of greenhouse ventilation and temperature regulation facilities. Portability, output torque, output lock, wide range and precise adjustment, waterproof, dew-proof and power-saving are the key characteristics for Electric Roll-Up Unit.

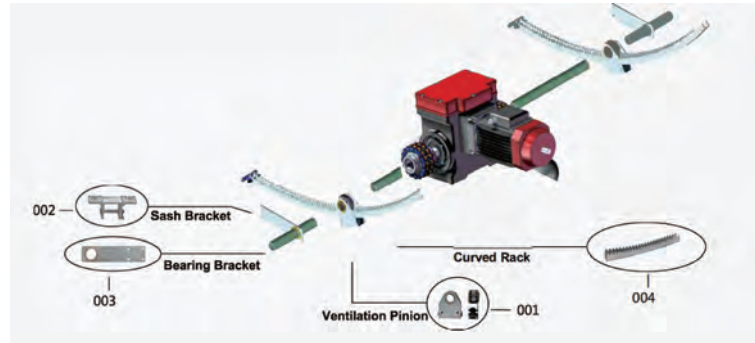




## Greenhouse Ventilation and Curtaining System

### 1 Continuous Rack and Pinion Vent System

Continuous vent system consists of vent gear motor, drive shaft, rack and pinion and shaft bearing. The gear motor drives the pinion by the drive shaft to move the rack back and forward to open or close the vent.



#### 1/001 Ventilation Pinion



Model: A1-30  
Height: 30 mm  
1" Powder Metallurgy  
Pinion With Bronze Insert



Model: B1-30  
Height: 30 mm  
1" Stainless Steel Pinion  
With Bronze Insert



Model: F1-30  
Height: 30 mm  
1" Powder Metallurgy  
Pinion with Nylon Insert

#### 1/002 Sash Bracket



Model: WD-LZ  
Note: Use for the connection of rack and frame.

#### 1/003 Bearing Bracket



Model: WD-31-1  
1" bronze insert,  
Straight



Model: WD-31-2  
5/4" bronze insert,  
Straight

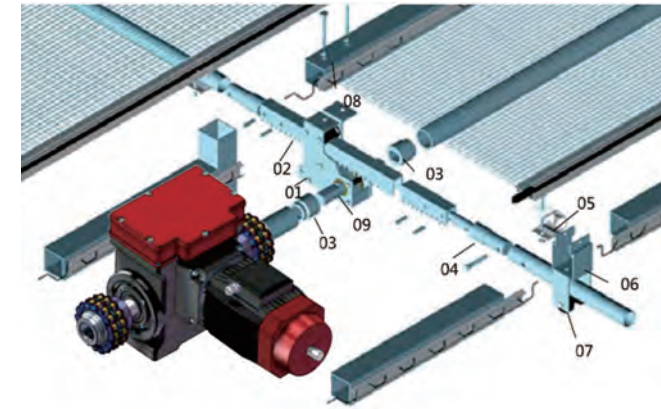
#### 1/004 Straight Rack Arm



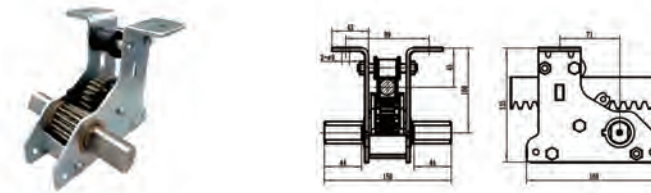
Model	Length	Thickness
WD-2.5301050	L=1050	2.5 mm
WD-2.5301250	L=1250	2.5 mm
WD-2.5301450	L=1450	2.5 mm
WD-2.5301650	L=1650	2.5 mm
WD-2.5302000	L=2000	2.5 mm

## Greenhouse Ventilation and Curtaining System

### 2 A Type Rack and Pinion Screening System



#### 2/01 A Type Curtaining Pinion



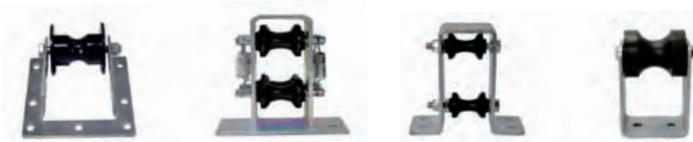
Specification: Steel Triple Gears  
Unit: piece

#### 2/02 Rack Arm



Model	Length	Thickness
WD-2.752965	L=2965	2.75 mm
WD-2.753965	L=3965	2.75 mm
WD-2.754965	L=4965	2.75 mm
WD-3.02965	L=2965	3.0 mm
WD-3.03965	L=3965	3.0 mm
WD-3.04965	L=4965	3.0 mm

#### 2/07 Coupling Connector



Model WD-56 WD-60 WD-61 WD-63  
Unit Piece  
Note: Used for supporting the handspike.  
It needs U clamp or bolt to fix.

- 01: A type curtaining pinion
- 02: Rack arm
- 03: Welding joint
- 04: Table Clamp
- 05: Supporting wheel
- 06: Clamp for supporting wheel
- 07: Coupling Connector
- 08: Washer
- 09: Clamps for Supporting Wheel

#### 2/03 Welding Joint



1" , 5/4" General use,  
cold extrusion  
Product Code: 141107300430  
Model: WD-ZT

#### 2/04 Table Clamp



Model	Specs
WD-27	Φ 27
WD-32	Φ 32

#### 2/05 Supporting wheel



Model	Specs
WD-11-27	Φ 27
WD-11-32	Φ 32

#### 2/06 Clamps for Supporting Wheel



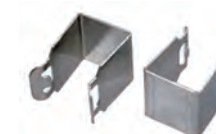
Model	Specs
WD-6040	60x40
WD-5050	50x50
WD-4060	40x60
WD-4040	40x40

#### 2/08 Washer



Model WD-A45 Unit Piece  
Note: Used for A type screening pinion

#### 2/09 Clamps for Supporting Wheel



Model WD-KJA Unit Piece  
Note: Mounted on input shaft of A type pinion for convenience of shaft installation and dismantle..



# Greenhouse Cooling System

## 1 Circulation Fan

- Motor with overheating protection;
- Convenient installation and long span life;
- Plastic coated galvanized plate, excellent anti-corrosion;
- Blades with large angle imitation vortex long tail, stable running, air throwing max 45 meters;
- 3 years quality guarantee.



Model	Rated Voltage (v)	Frequency (Hz)	Input Power (w)	Motor Speed (r/min)	Air Volume (m3/h)	Blade Diameter (mm)	Height (mm)
WD400-W1/220	220	50	120	1400	2900	420	390
WD400-W3/380	380	50	120	1400	2900	420	390
WD500-W1/220	220	50	120	1400	5000	520	390
WD500-W3/380	380	50	120	1400	5000	520	390

## 2 Exhaust Fan

WD Series Hammer Exhaust fan are widely used in Agriculture and industry ventilation and cooling. It is mainly used for animal husbandry, poultry house, livestock breeding, greenhouse, factory workshop, textile etc.

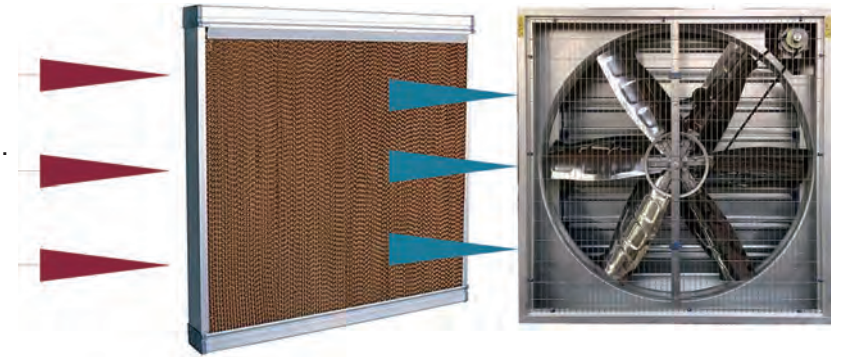


Model	Blades Diameter(mm)	Blades Speed(rpm)	Motor Speed(rpm)	Air Flow (m³/h)	Input Power(w)	Size HxWxT (mm)
WD-800	710	560	1400	18000	370	800x800x370
WD-1000	900	560	1400	28000	750	1000x1000x370
WD-1100	1000	960	1400	30000	750	1100x1100x370
WD-1380	1250	325	1400	39000	1100	1380x1380x370
WD-1530	1400	325	1400	52000	1500	1530x1530x370
WD-1750	1600	305	1400	63000	1500	1750x1750x370

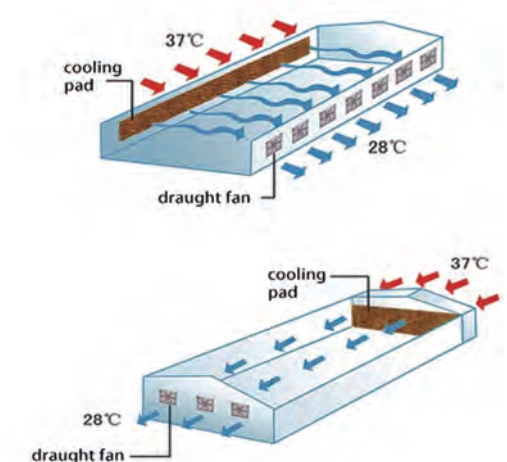
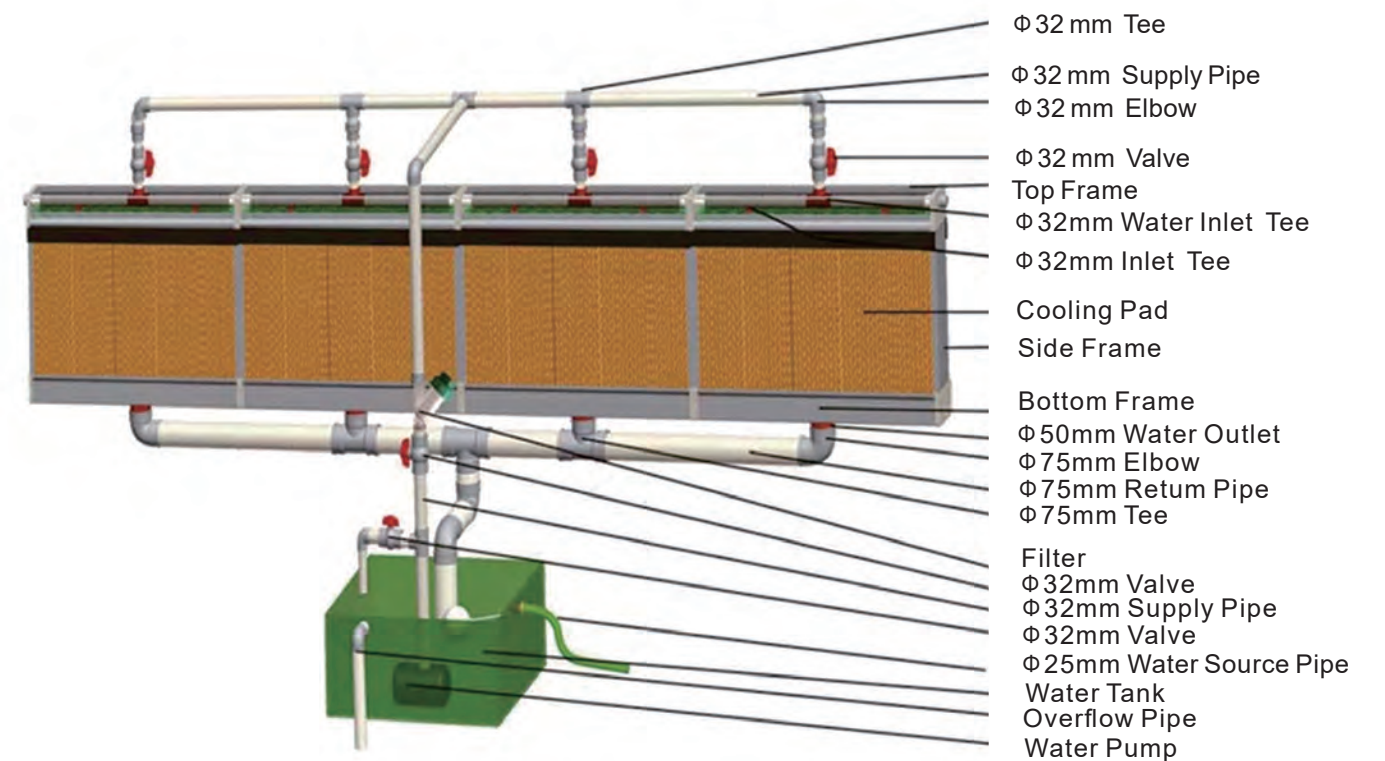
# Greenhouse Cooling System

## 3 Cooling Pad

The cooling of greenhouse is achieved by the principle of evaporation and cooling of water. The special made cooling pad can ensure that the water evenly wets the entire cooling pad wall. When the air penetrates the cooling pad medium, it exchanges heat with the water vapor on the surface of the cooling pad to achieve humidification and cooling of the air.



## Installation Diagram





## Greenhouse Covering

### 1 Greenhouse Insect Net

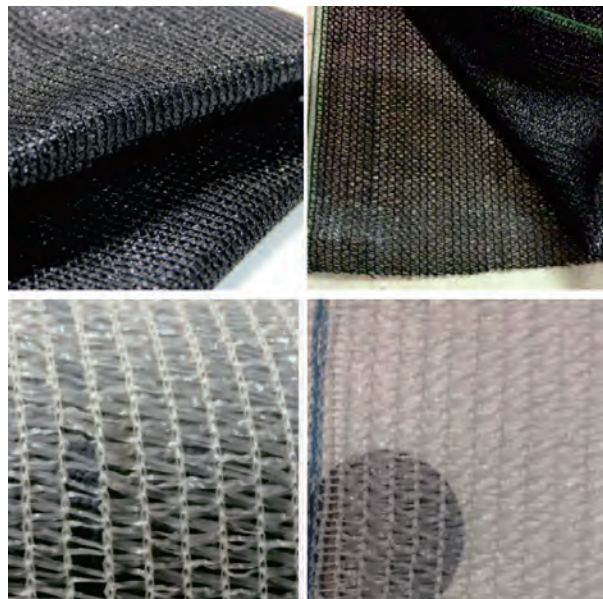
Agriculture Insect Control Net UV Protection HDPE Insect Barrier Net 30/40/50 Mesh Insect Proof Net For Pest Control Management

- 1. Pest control:** The insect net can basically block all kinds of insects, mosquitoes, pieris rapae, plutella xylostella, cabbage moth, prodenia litura, achillea, ape leaf insects, aphid. Significantly reduce the use of chemical pesticides. Can be used to growing pollution-free crops.
- 2. Disease prevention:** Virus disease is a catastrophic disease for many vegetables, it's mainly spread by insects, especially aphids. Insect net cut off the main transmission way, therefore, it helps greatly reduce the infection of vegetable viruses, control effect about 80%.
- 3. Regulate the temperature, soil temperature and humidity:** Tests show insect nets help plants enjoy up to 3-5° C lower temperature. Also, it can effectively prevent frost. Insect net helps reduce the indoor precipitation and the indoor evaporation.
- 4. Block sunlight:** Insect nets can shade to a certain degree and reduce the possible inhibition caused by the strong light.



Item: Insect Net  
 Material: 100% new HDPE and Anti-UV  
 Net Weight: 50g/m<sup>2</sup>-150g/m<sup>2</sup>  
 Net Width: 1m, 1.5m, 2m, 2.5m or as per required  
 Length: As per required  
 Color: White, Blue, Brown, Black, Green, Yellow, Grey  
 Mesh Size: 17x17; 13x13; 25x25; 25x50  
 Using life: 4-6 years, under normal weather conditions

### 2 Installation Diagram



Item: Shading Net  
 Material: HDPE (High-density polyethylene)  
 Net Weight: 30%-95%  
 Width: 1-12 m  
 Length: 50m, 100m, 150m, 200m, 250m, as customized  
 Color: White, Blue, Brown, Black, Yellow, etc.  
 Type: Warp Knitted  
 Using life: 2-10 years  
 UV: 1%-8%  
 Needles: 2, 3, 5, 6, 9, 12 needles

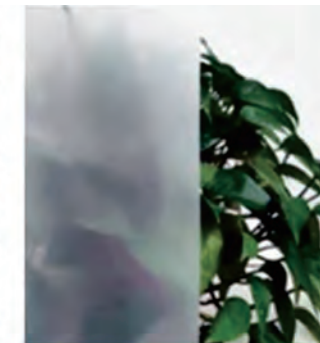
## Greenhouse Covering

### 3 Greenhouse Film

Item: 9m-20m  
 Length: Customized  
 Thickness: 100-250 μm  
 Using life: 1-4 years  
 Functions: UV+Thermicity+Anti-fog  
 Technology: 5 Layers Co-extrusion Blown Lines  
 Film Type: Transparent, Diffusion, Black&White Sunshade



Transparent Film



Light Diffusion Film



Sun Shade Film



Black & White Film

### 4 Greenhouse Glass Cover



#### Top cover

- The top of the greenhouse is usually covered with 4/5mm tempered float glass;
- The thickness of the glass can also be selected other thickness according to the needs;
- According to customer needs, choose higher-grade astigmatism glass, which can increase crop yield;
- According to customer needs, you can choose covering the top with polycarbonate sheet.



#### Wall covering

- The walls of the greenhouse are usually covered with 4+4/5+5mm tempered hollow float glass;
- The thickness of the glass can also be selected other thickness according to the needs;;
- According to customer needs, single-layer glass can be selected, which is suitable for parts of the Middle East and Africa;
- According to customer needs, you can choose up to 4-layer polycarbonate sheet around.



# Steel Conduit

## 1 Electrical Metallic Tubing(EMT)

Electrical Metallic Tubing(EMT) is manufactured from high-strength steel coil, and produced according to the standard of ANSI C80.3(UL797). The interior surface of our conduit is free from defect with a smooth welded seam. It is hot dipped galvanized inside and outside, so that metal-to-metal contact and galvanic protection against corrosion are provided, and the surface of the conduit is coated with a clear lacquer coating to inhibit white rust and increase corrosion resistance. The interior surface provides a smooth continuous raceway for easy wire pulling. Our EMT conduit has excellent ductility, providing for uniform bending and cutting.



Size: 1/2" - 4"  
 Material: steel  
 Standard: Accord to ANSI C80.3,UL797  
 Electrical Metallic Tubing (EMT) is unthreaded, circular cross-section. It always used for protecting wires and cables.

## 2 Rigid Steel Conduit ( U16)

Rigid Steel Conduit's Hot Dip Galvanized Electrical Rigid Conduit(UL6) has protection, Strength, Safety and ductility for your wiring works.

It's manufactured with high-strength steel, and produced by the electric resistance welding process.

Rigid Steel Conduit is top coated with a clear lacquer coating to inhibit white rust and increase corrosion resistance. The interior surface provides a smooth continuous raceway for easy wire pulling. Our conduits ductility characteristics provide for easy bending, cutting and threading in the field.



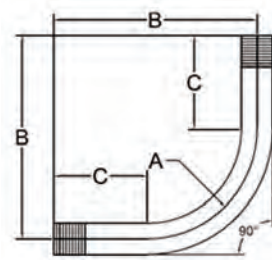
## 3 Rigid Steel Conduit Elbows/Bends

Rigid steel conduit elbow is manufactured from prime conduit shell with high-strength in accordance with the latest specifications and standard of ANSI C80.1(UL6).

The interior and exterior surfaces of elbows are free from defect with a smooth welded seam, and are thoroughly and evenly coated with zinc using hot dip galvanizing process, so that metal-to-metal contact and galvanic protection against corrosion are provided, and the surface of elbows adopt the clear post-galvanizing coating to provide further protection against corrosion.

Elbows are produced in normal trade sizes from 1/2" to 6", the degrees including 90deg, 60 deg, 45 deg, 30 deg, 22.5deg, 15deg or according to customer's request.

Elbows are threaded on both ends, a thread protector with industry color-coded by sizes from 3" to 6" applied.



# Steel Conduit

## 4 PVC Coated Rigid Conduit

PVC Coated Conduit represents a complete protection package for your entire conduit system to insure more severe and tough environmental needed.

Our Conduit Rigid Shell Which is made from Hot Dip Galvanized Process to be used for the raw materials of PVC Coated Rigid.

Applying adhesive agent through outside of the lengths of Conduit Shell Prior to PVC Coating to adhere it.

2mils in thickness of dark brown polyurethane coating shall be consistently applied to the interior of conduit. After dry and preheating the conduit, PVC coating shall be applied to the exterior with 40mils in thickness in hot dipping method with liquid plastic over the entire lengths of the conduit without bubbles or pinholes.

Coated couplings shall be used for coated conduit.

PVC Coated Rigid Conduit shall comply with UL6 and ANSI C80.1 standard.

PVC Rigid is produced in normal trade size from 1/2" to 6" in standard lengths of 10 feet(3.05m) and

## 5 Fire Sprinkler Pipe

Product Name:	UL FM Galvanized Steel Pipe
Water Test:	100%
Steel pipe inner wall:	Smooth and without any welding burrs
Surface:	Painted or Hot dip galvanized
Type:	ERW
Length:	3-12m
Usage:	Wet, Pre-action, Deluge or Dry pipe
End protector:	Plastic Cap
Pipe end:	Grooved plain threaded



## 6 Steel Conduit Fitting





## Metal Fence

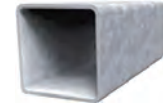
### 1 Galvanized Steel Pipe For Metal Fence



Round Pipe Type



Oval Pipe Type



Square Pipe Type



We can produce livestock fence and all other accessories for cattle, horse, sheep. All sizes products according to customers 's requirements and drawings.



Cattle Fence



Cattle Crush



Cattle Feeder



Cattle Loading Ramp



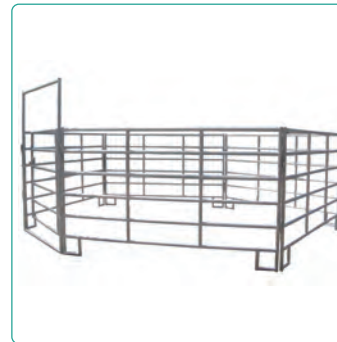
Cattle Headlock



Sheep Yard



Sheep Yard Gate



Horse Fence Panels

### Application



Horse Fence



Cattle Headlock



Sheep Yard

## Factory services and equipment



Steel Pipe Line



Steel Pipe Production



Steel Pipe Bending



Laser Cutting



CNC Punching



CNC Sheet Bending



Common Punching



Welding



Galvanizing

