

# **Gurukrupa Wire Netting Industries**

# Manufacturer & Exporter of

Anti Climb / Anti Cut / 358 Mesh Fence System, PVC/Powder Coated Fence,
Numinous Fence, Weld Mesh, Razor Weld Mesh, Punch Tape Concertina Coil, Razor Wire,
Barbed Wire, Gabions (Box, Matress, Sack), DT Mesh, Rockfall Netting,
Soil Reinforcement Unit, Chain Link, Vibrating Screen, Wire Mesh, Crimp Mesh,
Fencing System, Accessories & Other Wire Products

# **Turn Key Fencing Solution Provider**









#### Welcome to Gurukrupa

M/s Gurukrupa Wire Netting Industries is based at Petlad in Anand District of Gujarat. The Company is engaged into manufacturing SECURITY & FENCING PRODUCTS viz. ANTI CLIMB/ANTI CUT/358 MESH FENCE SYSTEM, GABIONS (woven & welded), WELD MESH, VIBRATING SCREENS, WELD MESH FENCE SYSTEM, RAZOR WIRE, CHAIN LINK, BARBEDWIRE, FENCEACCESSORIES, etc.

During all these years, the company has earned reputation among its customer by way of supplying quality products and services in time. The company is registered vendor with Bharat Electronics Ltd. (supplied material for IG Stores, Home Land Security J&K / Indian Army), RIL, Hindalco, L&T, Essar Construction, Essar Oil, PMC Projects (Adani Group), Mundra Port & SEZ, Adani Power, Welspun, Ultra Tech, Apollo Tyres, Trans Tech Turnkey, Desai Construction, Naran Lalla & many other Construction companies along with Gujarat Forest Department & Kalpsar Project. The material is also supplied to Indian Army and even exported to Middle East, Africa, Asian & European countries.

The company also undertake Turn Key Fencing Projects. As the projects are being done for Cairns Energy India Ltd., Tata Projects India Limited, Nano Plant (Sanand), RIL Dahej Plant, PLG Power, Azure Power, Tata Bp Solar, Power Grid Corporation of India and many other corporate customers.











Gurukrupa Wire Netting Industries core competency lies in providing customized solution to its customers. The products conforms to different standards such as ASTM, BS, IS etc. and the company is capable for having fabrication and related work on the raw material at its in-house facilities, which ensures a check on **quality**.

We are looking forward to the pleasure of being associated with your esteemed organization and also look forward to serve your better security & fencing wire product's needs.





#### ANTI CLIMB / ANTI CUT / 358 MESH FENCE SYSTEM \( \text{J} \)

#### High Security Anti Climb Fence >

Anti-climb fence provides a total security platform and is a unique security perimeter product that maintains a guarded display of visual screening to delay attacks. It is a unique wire mesh which is constructed to prevent deter climbing or scaling. 358 climb resistant mesh which is called as prison mesh eliminates foot and fingers holds with its small apertures and weld at every intersection points. This mesh prevents any object to pass through it. Apart from this, it is effective against conventional hand cutting tools. These fence systems are available in standard and customized specifications as per the requirements of the application area. These fences integrated with sensors and other alarms provide a total 24 hours of security against any burglary or an attempt for intrusion & hence is mainly used for fencing Border areas & highly sensitive industrial areas.







#### Prominent Anti Climb Fence Manufacturers in India

Gurukrupa Wire Netting Industries is the name to trust for the availability of standard as well as the customized anti climb fence. The array comprises stainless steel, Powder Coated, PVC coated and Galvanized fences. Further to meet the buying preferences of the end user, the company specializes in providing these products in various colours and surface finish like powder coating / PVC coating; depending on the atmospheric condition where it is to be installed.

## **Delivering You a Defect-free Range**

When it comes to quality, it is one of the foundations of our company. Being the eminent suppliers of anti climb fence, we do thorough testing of our product prior to dispatch so that clients get the best quality product range from our side.

## **Applications ¥**

- Prisons
- Military institutions
- Laboratories
- Chemical storage
- Dangerous goods storage
- Ammunition storage

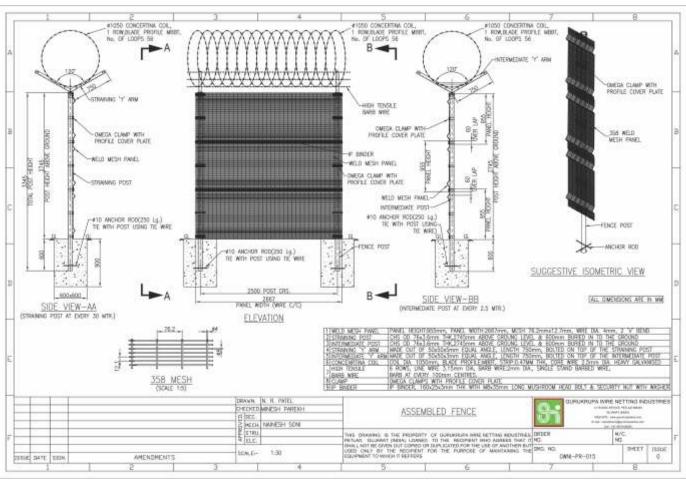
#### Features >

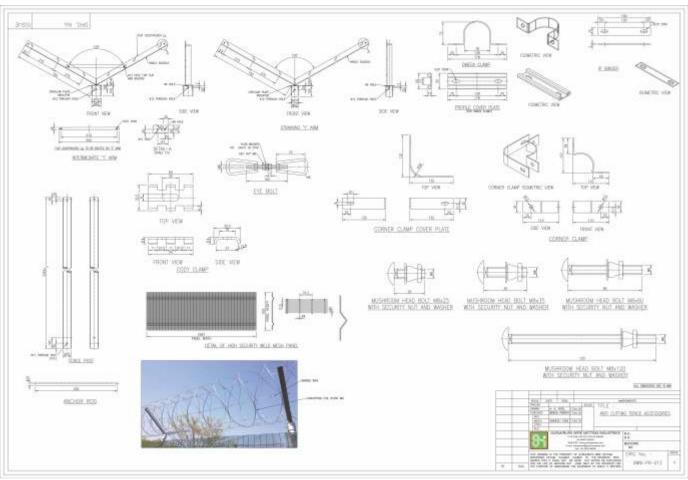
- Highly Durable
- Anti-Corrosion Coating
- Reliable
- Long Life





#### ANTI CLIMB / ANTI CUT / 358 MESH FENCE SYSTEM \( \text{\sqrt{2}} \)







#### Gabions \

Mechanically Woven Double Twisted Hexagonal Wire Mesh Gabion Box, Gabion/Revet Mattress and Sack Gabions (Galvanised / Zinc Coated or Zinc + PVC Coated)

A gabion is a cage, cylinder, or box filled with rocks (rubbles), concrete, or sometimes sand and soil for application in civil engineering, landscaping, retaining wall structures, highway & bridges, river & canal, erosion control, scour protection, hydraulic structure, dams & culverts, etc.

#### Wire Diameter >

Galvanised or Heavy Zinc Coated Gabions (100 x 120 mm and 80 x 100 mm (+/-10%))

Type of Wire	Wire Dia	Tolerance	Mass on Zn Coating
Mesh Wire	2.70 mm	(+/-)0.07 mm	260 GSM
Selvedge Wire	3.40 mm	(+/-)0.09 mm	270 GSM
Lacing Wire	2.20 mm	(+/-)0.06 mm	240 GSM
Mesh Wire	3.00 mm	(+/-)0.08 mm	270 GSM
Selvedge Wire	3.90 mm	(+/-)0.10 mm	280 GSM
Lacing Wire	2.40 mm	(+/-)0.06 mm	240 GSM

Galvanised or Heavy Zinc + PVC Coated Gabions (100 x 120 mm and 80 x 100 mm (+/-10%))

Type of Wire	Wire Dia	Tolerance	Mass on Zn Coating
Mesh Wire	2.70/3.70 mm	(+/-)0.07 mm	260 GSM
Selvedge Wire	3.40/4.40 mm	(+/-)0.09 mm	270 GSM
Lacing Wire	2.20/3.20 mm	(+/-)0.06 mm	240 GSM

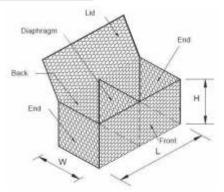
Galvanised or Heavy Zinc Coated Gabions/Mattress (60 x 80 mm (+/-10%))

Type of Wire	Wire Dia	Tolerance	Mass on Zn Coating
Mesh Wire	2.20 mm	(+/-)0.06 mm	240 GSM
Selvedge Wire	2.70 mm	(+/-)0.07 mm	260 GSM
Lacing Wire	2.20 mm	(+/-)0.06 mm	240 GSM

Galvanised or Heavy Zinc + PVC Coated Gabions (60 x 80 mm (+/-10%))

Type of Wire	Wire Dia	Tolerance	Mass on Zn Coating	
Mesh Wire	2.20/3.20 mm	(+/-)0.06 mm	240 GSM	
Selvedge Wire	2.70/3.70 mm	(+/-)0.07 mm	260 GSM	
Lacing Wire	2.20/3.20 mm	(+/-)0.06 mm	240 GSM	





Terminology, Technical Specifications & Wire Coating

#### Mesh Wire:

A non raveling mesh made by twisting continuous pairs of wires through two & one half turns (commonly called double twisted) to form hexagonal shaped opening which are then interconnected to adjacent wires to from hexagonal opening.

#### Selvedge wire:

A terminal wire used to edge the wire mesh perpendicular to the double twist by mechanically wrapping the mesh wire around at least 2.5 times. The Gabions made at our facility are both side selvedged which provides additional strength.



#### Gabions 🛭 🗸

#### Lacing wire:

A galvanized wire or galvanized wire with PVC Coating used to assemble and interconnect empty units, to close and secure stone-filled units, and internal stiffeners.

#### Standard Mesh Sizes

Mesh Size	Mesh Opening 'D'	Standard Gabion Type
100mm x 120mm	100mm	Gabion Boxes & Netting
80mm x 100mm	80mm	Gabion Boxes & Netting
60mm x 80mm	60mm	Gabion Mattress & Netting

'D': +/- 10%

#### Standard Box & Mattress Sizes

Length	Width	Height
0.50 M to 8.00 M	0.30 M to 4.00 M	0.17 M to 2.00 M

(More Customized Box & Mattress Sizes Are Available As Per Specific Project Requirements)

PVC SHADES AVAILABLE		
GRAY	RAL 7037	
GREEN	RAL 6005	
BLACK	RAL 9005	

Indian Standards	IS 16014 : 2018	
EN	EN : 10223	
ASTM	A 975	



## Gabion Wires Coating Options >

Class 1 : Consists of double twisted wire mesh made from wire which is zinc or zinc alloy coated before being double twisted into mesh.

#### Heavy Galvanized 99.99% Pure Zinc Coating

Hot dip galvanized heavy Zinc coating gives ensures better corrosion resistance for base steel and any cut edges. The thickness of Zinc coating comes between 220 GSM to 280 GSM as per relevant product standard and confirms to the requirement of IS 4826 heavily coated and soft type.

## Zinc Alloy Coating:

The Zinc Alloy consists of 90% Zinc + 10% Aluminium or 95% Zinc + 5% Aluminium as required.

Class 2: Consists of double twisted wire mesh and lacing wire as Class 1 and over coated with PVC / Polymer.

#### Poly Vinyl Chloride (PVC) Coating on heavy galvanized wire

PVC coated wires are proved to prevent corrosion with greater ability. PVC coated wire gabions are best suitable for humid, salty, marine or polluted environments.

The best quality U.V stabilized PVC of 100% virgin grade ensure anti cracking of PVC thus make gabions more durable and long lasting. PVC is resistant to moisture and water thus extreme weather withstanding capacity also endures heavy heat.



## Sack Gabions

Gurukrupa Wire Sack Gabion is a cylindrical Double Twisted Steel Wire Mesh unit with lateral to allow the stone filling or geotextile encased sand filling at site. The galvanised wire used is heavily zinc coated. A PVC coating can also be applied to provide added protection against rust and for use in polluted environment.



(More Customized Sack Gabion Sizes Are Available As Per Specific Project Requirements)

# ■ Rock Fall Netting

ROCK FALL NETTING is a wire mesh supplied in the form of rolls which is used to prevent rocks and debris from falling on to roads, railways or any other area which requires protection. The Rock Fall Netting is manufactured in Rhomboidal, Square & Rectangle shape mesh if made using steel rope and manufactured in Hexagonal wire mesh in  $6 \times 8$  cm,  $8 \times 10$  cm or  $10 \times 12$  cm mesh type as per IS 16014 if made using GI / PVC Coated wire.



## The main aspects of rock fall netting are:

- To limit the excessive movement once a rock detachment has occurred. The steel wire and steel cable meshes are anchored into a rock slope to provide stability and a solid foundation to prevent further damage
- To intercept falling debris to control and direct the falling rocks away from potential damage. These includes mesh drapery systems and reinforced rock fall embankments.



#### Rock Fall Netting >

Roll Size:

Width Range: 1 Meter to 5 Meter Length Range: 5 Meter to 50 Meter

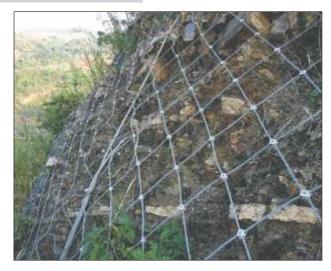
Wire Rope Reinforced Mesh is a type of Rock fall netting with steel ropes being reinforced on both the ends as well as in center along with wire mesh to prevent falling of small stones on roads and railways.

Mesh Wire Diameter (mm): GI 2.70 mm; GI 3.00 mm; PVC 2.70/3.70 mm Mesh Cable: 8mm, 9mm

Type of Rockfall Netting	Standard Mesh Size	Rope Dia
Rhombiodal Mesh,	300 x 300 mm;	8 mm, 9 mm,
Square Mesh, Rectangle Mesh	600 x 600 mm; 300 x 450 mm;	10 mm, etc.
	300 x 300 mm	

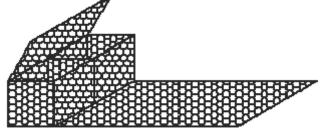
DT Mesh/Rock Fall Netting (Zinc Alloy + PVC Coated)				
Type of Wire	Mesh Wire	Selvedge VVire	Standard Product Dimension	
GI / Heavy Zinc Coated	2.70 mm; 3.00 mm	3.40 mm; 3.90 mm	2 x 20 m, 2 x 25 m, 3 x 15 m, 3 x 20 m,	
Zn + PVC Coated	2.70 / 3.70 mm	3.40 / 4.40 mm	4 x 20 m, 4 x 50 m, etc.	



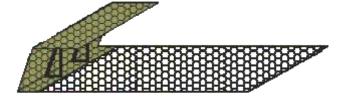


# Soil Reinforcement Unit for Retaining Structures u

Soil reinforcement unit for retaining structure are double twisted steel wire mesh units used for reinforced soil structures and slope consolidation.



For structures with vertical facing, units are made with hexagonal wire mesh continuous base panel for the reinforcement and facing portion of the structure.



For the structures with inclined vegetative facing units are made with hexagonal wire mesh base reinforcement provided with a geotextile for soil retention and metallic ties for installation procedures.



## Weld Mesh Fencing System >

Yet another type of fence where the wires are spot welded at each intersection (square or rectangular in shape) is called weld mesh fence. Gurukrupa Wire Netting Industries is capable of manufacturing comprehensive range of welded mesh in roll and panel forms for contractors and commercial application. Weld Mesh Fencing supports all types of perimeter fencing requirements be it industrial, commercial, airports, schools, residential premises, prisons, highways, leisure and recreational areas.



Based on the application, surface finish can be chosen from MS, galvanized (before and after HDG), Polyester powder coated (PPC), PVC coated. A better top coat will ensure that the life of the fence is increased and thus saving on the repetitive cost of fence installation. Color of the PPC and PVC can be selected from among any RAL shade such as dark green, black, grey, beige, white, etc.



#### Benefits of Weld Mesh Fence >

Weld Mesh Fence provides a rigid fence. The versatility of the fence makes it very easy to install which makes use of minimal fencing accessories such as small specially designs clamps and nut & bolts only. Weld Mesh Fence is an ideal fence for indoor and outdoor use. For additional lateral strength, weld mesh panels can be crimped in 'V' shape. System designs of weld mesh fence are simple enough to the extent that at site fabrication is never required. Cost can be controlled by increasing the mesh size on even side of the wires.

# Turnkey Weld Mesh Fence Systems ≥

We are engaged in rendering the best Turnkey Weld Mesh Fence Solutions. We have all the required resources to manufacture fence members such as posts, braces, weld mesh etc. Our team of experts takes responsibility right from the designing of the fencing system to its installation at the site. We are capable for designing and developing all kinds of fencing systems for the valued clients. Proper care is taken about the feedback of the clients at the time of executing the projects.

#### Common mesh sizes >

12.7 x 76.2 (Popularly known as Anti - climb or 358 or prison weld mesh system) 25 x 25 mm, 40 x 40 mm, 50 x 150 mm, 50 x 200 mm, 75 x 150 mm



# 















### Punch Tape Concertina Coil / Razor Wire >

Razor Wire is made by way of cold clenching a series of punched tape on a high tensile wire. The tape has multiple sharp edges punched on both sides of it making it difficult for anyone to trespass it easily. Multiple sharp blades of razor wire are designed to inflict serious cuts/injury on anyone attempting to climb through. Series of barbs have a piercing and gripping actions as well. By looks of it, Razor Wires create a strong mental deterrent to the intruders. Razor Wire is very strong and reinforced with a high tensile core wire which makes it more difficult to bend and to cut it through normal hand tools which give more time for security personnel to respond in case of any intrusion.



- Unclipped (RBT)
- ∠ Clipped at multiple points (Concertina Coil)

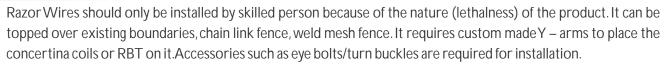
#### Razor Wire Blade Types >

- → Short blade (12mm)
- → Medium blade (22mm)
- → Ripper blade (30mm)
- → Harpoon/Fish hook blade (65mm)

## Applications >

Razor Wires are used for high security areas such as prisons, borders, factories (for possible theft), godowns, warehouses, nuclear facilities, etc.

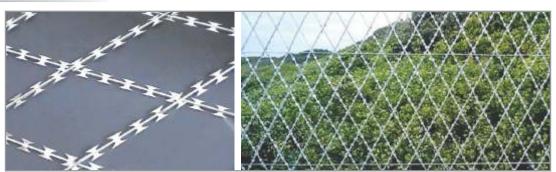
# Installation >



# Configuration of Concertina Coil >

Coil Diameter	No. of clips	Core wire diameter	Tape thickness	Material grade
300 - 1050 mm	3 - 5 per spiral	2.50/2.60 mm	0.50 mm	SS and Galvanized

## Razor Weld Mesh >













#### Chain Link Fence







We have established ourselves among the leading Chain Link Fence manufactures and Chain Link Fence exporters out of India. We can provide an exclusive range of Chain Link Fences. Chain Link Fences have been used for different applications and because of the cost effectiveness and flexibility to use on any types of terrain, it scores over traditional brick boundary wall. However, Chain Link Fence can also be used to increase the height of the existing brick wall by topping it with chain link.

Depending upon the uses, one can choose Chain Link Fence made of galvanized steel, Polyvinyl Chloride (PVC) coated. By paying a little premium over galvanized Chain Link Fence, user can opt for PVC coated Chain Link Fence which ensures a much longer life to the fence and thus saving on the repetitive cost of fence installation. PVC coated chain link fence is available in different colors such as dark green, black, grey, beige, white, etc. (depending upon availability of raw material).

#### Applications >

Chain Link Fence is used for various applications such as fencing of factories, farms, houses and animals enclosures, roof support in long wall mining, to provide fencing across borders for security and effective indoor and outdoor protection around plants and machineries. It can also be used in test areas to provide protection against flying objects yet permitting visibility of operations behind screens. Effective yet non – lethal feature makes it useful to use it around playgrounds, schools, residential/commercial buildings, etc. Chain Link Fence can also be top mounted with lethal RazorWires/Barbed Wires to make it a high security fence.

## Turnkey Chain Link Fence Systems >

We are engaged in rendering the best Turnkey Fence Solutions. We have the support of all kinds of resources for efficiently executing Turnkey projects undertaken by us. Our team of experts takes responsibility right from the designing of the fencing system to its installation at the site. We are capable for designing and developing all kinds of fencing systems for our all valued clients. Proper care is taken for the feedback of the clients at the time of executing the projects.

## Why our Turnkey Fence Solutions?

- Fencing system according to the requirement of the clients
- Solutions right from designing to installation of fencing system
- Use of high quality materials for making fences

## Configuration of Chain Link Fence >

Wire Diemeter	Mesh Size	Height	Zinc Coating	
1-40 - 5.0 mm	20 - 150 mm	750 - 3000 mm	40 - 90 - 290 GSM	

<sup>#</sup> PVC coating thickness ranges from 0.50mm to 0.75mm over the core galvanized wires.

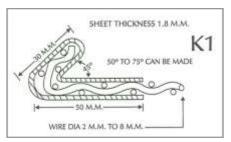


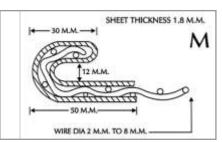


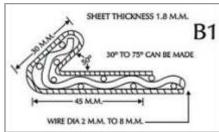
# **Vibrating Screens \( \sqrt{2} \)**



Vibrating Screen is also known as Wire Cloth, Crusher Screen. We produce Vibrating Screen as per IS2405 Part-I and customer specifications with clamps and edge preparation.







### **Vibrating Screen Edge Preparation**

Range of Production: 0.5mm to 150mm

Wire Size: 0.3mm to 16mm

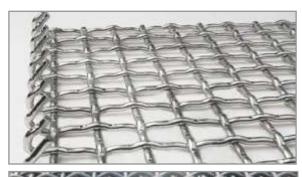
#### Material Used >

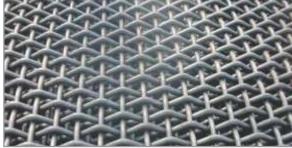
→ Spring Steel, Stainless Steel, Mild Steel, Copper, Brass

# Crimp Type

Double crimp, Intermediate, Dovex, Lock crimp









#### Wire Mesh \( \sigma \)





Popularly known as: Wire Cloth, , Square Mesh Stainless Steel Wire Mesh, Filter Cloth, Hollander mesh, Dutch Mesh, Woven Wire Cloth, Flat and Soft Wire Cloth, Soft annealed Wire Mesh, Crimped Mesh, Screen Mesh, Screen Cloth, Screens, Industrial Wire Cloth, Stainless Steel Bolting Cloth, Filter Mesh, Windows Screens, Mosquito Mesh, Insect Screens.

### Applications ≥

It can be fabricated into: Filters, Strainers, Disc Filters, Leaf Filters, Wire Mesh Circles, Extruder Screens, Barrier Screens, Shale Shaker Screens, Sieves, Top hat Screens, Jali.

Commonly made from: Phosphorus Bronze, Nickel , Nichrome, Monel, Inconel , Copper , Spring Steel, Carbon steel, GI wire , Stainless Steel , Mild steel , Brass



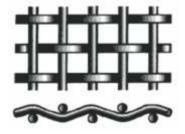
# Crimp Wire Mesh 🔰

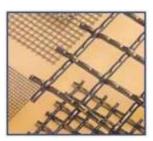
Made of crimped metal wire in waves, with the position of the two waves opposite to each other to guarantee the uniformity of the opening. In the pre-crimping process, wire is first formed (crimped) in precision machines using rotary dies that precisely define the spacing of the wires and insure that the wires will lock firmly together at the intersections. The pre-crimped wires are then assembled in custom designed screen assembly machines (looms). Pre-crimped wire cloth has very accurate openings and is woven much tighter than plain weave. It is typically preferred for vibrating screens and many other applications where sizing is critical such as wire mesh for pig breeding, mine and stone works, glass factory, coal mine, petroleum, hardware products, etc

Double-Crimp: This specification is also referred to as "Double Weave", it provides all around performance for medium to heavy wire in relation to screen opening size. Efficient and long wearing in a variety of applications.

Accurate & Consistent Square & Rectangular. Opening from 0.3 I "up to 4" with Wire Rods up to 4mm in Stainless Steel, Spring Steel, High Carbon High Tensile, G.I. & M.S. Wire etc.

SWG	Opening in inch (")		
8	0.75, 1, 1.25, 1.5, 2, 2.5, 3, 4		
10	0.5, 0.625, 0.75, 1, 1.25, 1.5, 1.75, 2, 2.5, 3, 4		
12	0.48, 0.5, 0.625, 0.75, 1, 1.25, 1.5, 2		
14	0.37, 0.4, 0.44, 0.5, 0.625, 0.75, 1, 1.25, 1.5		
16	0.31, 0.375, 0.4, 0.44, 0.5, 0.56, 0.625, 0.75, 1		

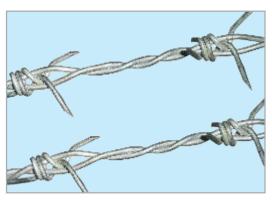




Any inquiry for sizes other then the one mentioned in the table here, we would try our best to develop it. We also make rectangular sizes in crimped net. Width up to 3.00 mtr is available.



#### **Barbed Wire** $\vee$







BARBED WIRE IN MAKING

Gurukrupa Wire Netting, with the help of providing high quality products has established itself among the leading barbed wire manufacturer, Barbed Wire supplier and Barbed Wire exporters. We manufacture and deal in Barbed Wire for fencing and security uses, made of either hot dipped galvanized, stainless steel, or PVC coated wire.

Our Barbed Wire products have occupied a standard marketplace and are well accepted by large number of users. When strength and long term durability are blended in optimum way our superior quality barbed wire are born. With our prime objective of customer satisfaction with superior quality product, we always deliver items on time with most competitive prices.

#### Applications ≥

Barbed Wire is a conventional form of fencing and is widely used for demarcation and low security fencing for areas such as farms houses, gardens, open lands etc. Any person or animal trying to pass through the fencing line will suffer from discomfort or possibly injury.

#### Installation >

Barbed Wires are simplest of all to install and erect. It requires only fencing posts, barbed wires and fixing accessories such as staples/pins and hence even an unskilled person can erect the fence quickly.

# Configuration of barbed wires

Line Wire (Double strand)	Barbing Wire (IOWA)	Pitch	Zinc Coating
2.60 mm.	2.60 mm.	75mm - 150mm	40 - 90 - 260 GSM
2.50 mm.	2.50 mm.	75mm - 150mm	40 - 90 - 260 GSM
2.50 mm.	2.00 mm.	75mm - 150mm	40 - 90 - 260 GSM
2.00 mm.	2.00 mm.	75mm - 150mm	40 - 90 - 240 GSM
2.24 mm.	2.00 mm.	75mm - 150mm	40 - 90 - 240 GSM

Line wire (Single strand High Tension Core wire)	Barbing wire	Pitch	Zinc Coating
3.15 mm.	2.00 mm.	75mm - 150mm	220-250 GSM











# Fencing Accessories \( \text{\sqrt{2}} \)









#### Certification / Registrations >

- ⊙ ISO 9001:2008
- Bureau of Indian Standards (BIS)
- ⊙ The National Small Industries Corporation Limited (NSIC)
- ⊙ Ministery of Micro, Small & Medium Enterprises (MSME)
- City and Industrial Development Corporation of Maharashtra Limited (CIDCO)
- ⊙ Directorate General of Quality Assurance (DGQA)

















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