

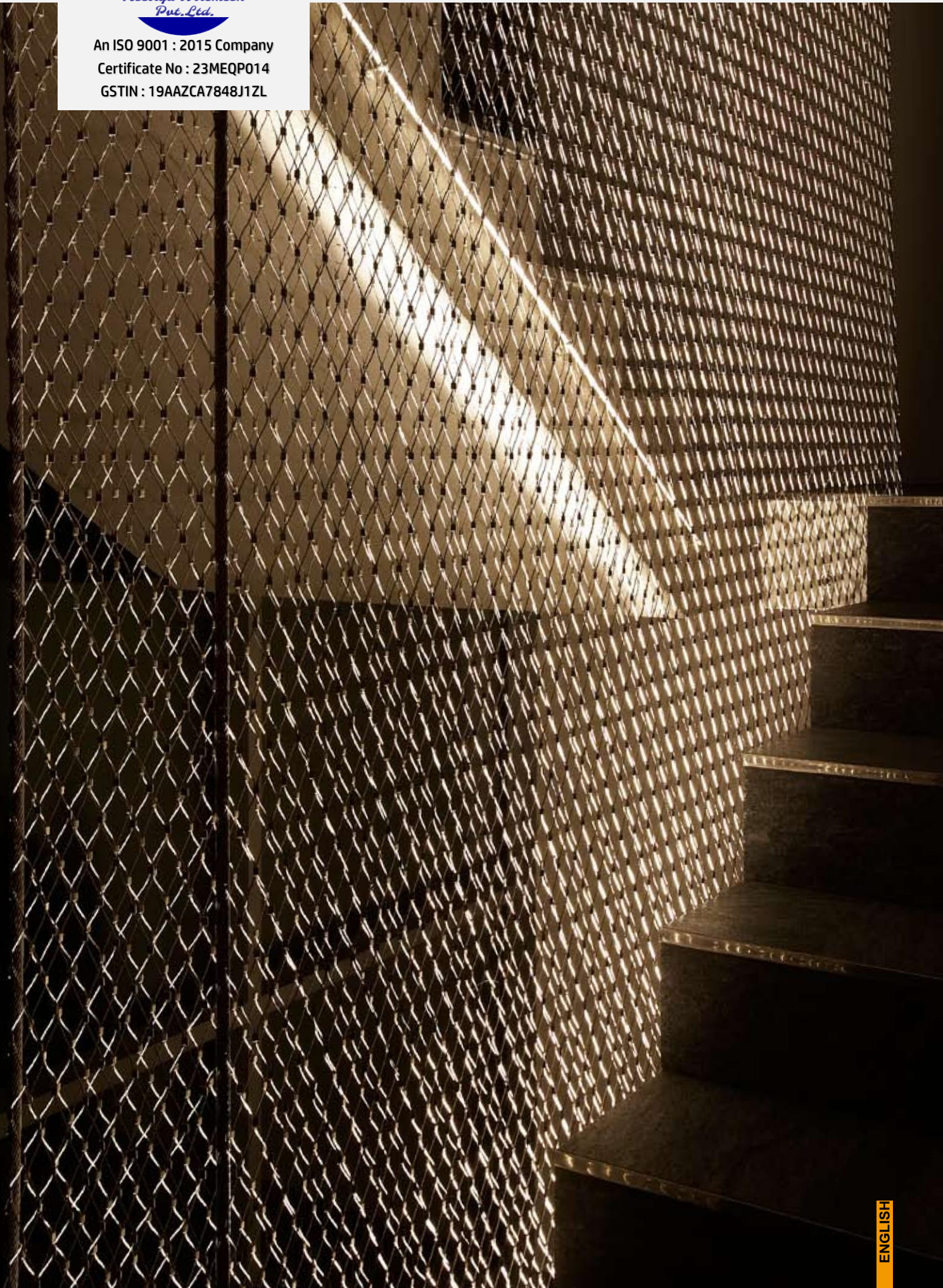


An ISO 9001 : 2015 Company
Certificate No : 23MEQP014
GSTIN : 19AAZCA7848J1ZL



Government of India
Ministry of Commerce and Industry
Department for Promotion of Industry and Internal Trade

#startupindia



Assirija Wiremesh Pvt. Ltd.

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Show Room:

109 Netaji Subhas Road ,Room No. 12,
Ground Floor, Burra bazar,
Kolkata, 700001.

☎ +91 – 22 – 48107936 / 98309 99224

✉ info@assirija.com / assirijawiremesh@gmail.com

GSTIN : 19AAZCA7848J1ZL

Registered Office:

64/98/C Khudiram Bose Sarani
Belgachia ,700037

Factory Location :

Holding : 1076, Plot No 1381,
Khatian Raghunathpur,Daspara , Hooghly
West Bengal , Pin : 712 247



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Wire Mesh, Vibrating Screen, Perforated Sheet, Conveyor Belt, Springs, Chain Link Fencing, Electrical Equipment, Stainless Steel Wire Mesh, Welded Mesh Mild Steel / Galvanized / Stainless Steel Plates, and Stainless Steel Wire Rope are just a few of the many products that **Assirija Wiremesh Pvt Ltd.**, one of the **Wire Mesh Manufacturers in Kolkata, West Bengal**, produce using High-quality raw materials and cutting-edge machineries,. Our punctured sheets stick to global quality standards and principles, and clients exceptionally acclaim them for their erosion and scraped spot opposition, layered accuracy, vigorous plan, and low support prerequisites. Our **Chain Link Fencing and Anti-Climbing Fencing** are customizable to meet the specific requirements of each customer. Our modern infrastructure enables us to produce Wire Mesh in large quantities to meet market demand, making us one of India's leading Welded Mesh manufacturers. It is outfitted with the most recent technology and equipment to produce goods in accordance with customer specifications. Our group of gifted experts works as a single unit and handles every one of the assets to fulfill client demands and needs. Moreover, we have capable quality regulators who review each piece of Welded Wire Lattice as indicated by standards to ensure its flawlessness. Due to our ethical business practices, client-focused strategies, and competitive prices, we are able to amass a sizable clientele across the industry. We strictly adhere to industry standards for a superior solution every single time.

We are here to provide you with specialized products and services that are long-lasting and have a flawless finish. We are one of the most reputable Welded Mesh manufacturers and Stainless Steel Wire Mesh suppliers in India. Therefore, it is time to acquire the conveyor belt and wire mesh for hassle-free operation. Continue the discussion with our experts to learn more. Please contact us via phone or email. We are eager to assist you.





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Assiriya Wiremesh (P) Ltd started its journey since 2023, diversified into colorful Wire- productions formed by spontaneous motors manned by professed workmen and guided by a platoon of specialized experts producing quality line quicksand and other Wire productions. **As a Group Company, Assiriya Wiremesh (P) Ltd has two other specialized entities Sree Balaji Concerns and A Plus Trading.**

We work closely with major Government Department & voluminous private region units. We're registered with significant government agencies as well as private region associations in colorful fields like **Defense, Atomic Energy, Electricity, Iron & Steel, Oil & Refinery, Fertilizers & Chemicals, Cements, Food-Processing, Plantations, Automobile, Engineering, Mining, Construction and many more.** It involves construction, engineering, mining, infinitesimal dynamism, iron & sword, cement, and food processing. Our expansive experience helps you take the stylish quality for your requirements with our **Stainless-Steel Perforated distance.**

Our productions carry high- quality line quick and nimble along with other line productions. We extend a wide variety of line quicksand productions, involving **Test Sieves, Springs, Square Wire Mesh, double-barreled Waved line quicksand, wobbling defenses, Perforated wastes, Conveyor Belts, And Hexagonal Wire Mesh.** Our Forth Coming productions will be founding in fields of **Electrical Equipment, Flanges, Hoses, Wire Rope and Compression Springs**

Our first ideal is to give further than what guests are glad to pay for. We're the bones who strive to uphold our pledge of offering our guests excellent quality. Being one of the dependable **Compression Springs Suppliers and Exporters In India,** we give our guests with high- quality goods and services. To ensure the loftiest position of customer satisfaction, we rigorously cleave to assiduity norms. We instantly and safely transport our **Aluminum Wire Mesh** to your position. You can calculate on us for brunt orders. Our exclusive election is offered at the stylish freight on the request.

Take our directors' guidance professionally if you are still doubtful. Pick up the phone, give us a luck, and have us to pop your bubble. We pledge to uphold the faith invariably. Reach out to us right down via phone or dispatch



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Vision

Our constant pursuit is to enhance the quality of our products and provide excellent service to our esteemed customers. By incorporating customer feedback, we continuously strengthen our product quality and make substantial investments in technology and quality control equipment. Our aim is to access new markets and expand our customer base through superior product and services, and we want to instill in you a sense of reliability, confidence, and faith in our offerings.

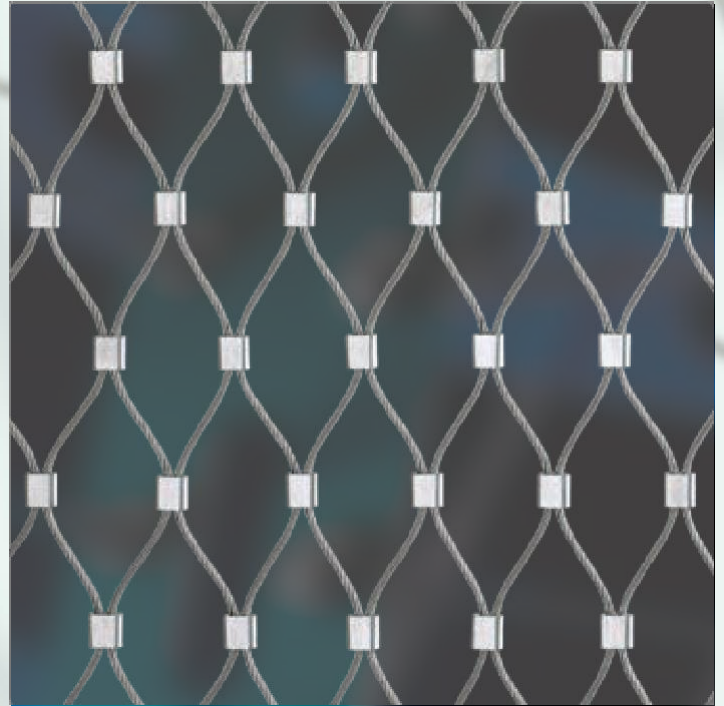
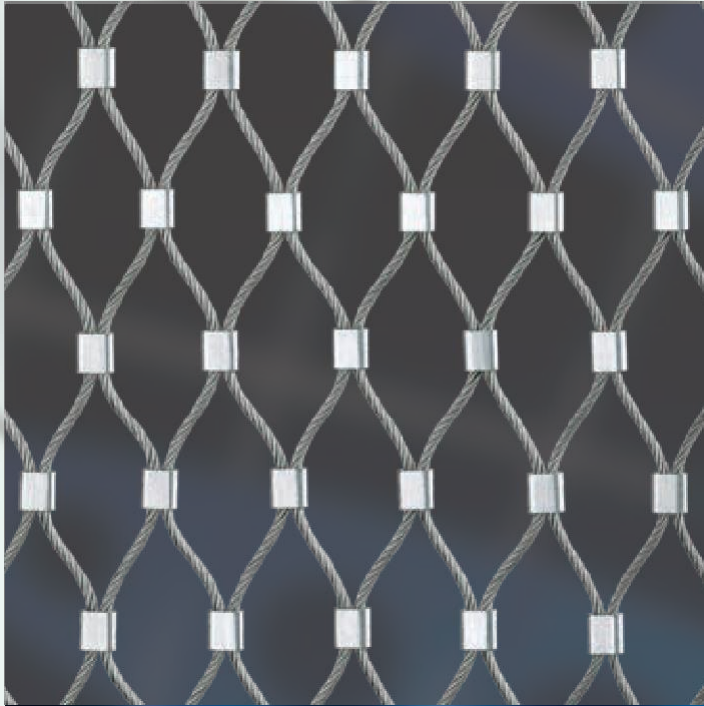
Mission

Our valued clients consistently experience a superior edge in the market compared to other manufacturers due to our comprehensive seven-point guarantee:

- **Stringent Quality Control Measures**
- **Unbeatable Competitive Pricing**
- **Timely and Efficient Delivery**
- **Unparalleled Technical Assistance**
- **Extensive Ready Stock Availability**
- **Cutting-edge Research and Development Initiatives**
- **Round-the-clock Customer Support**



Stainless Steel Wire Mesh



Assirija Wiremesh is one of the Leading SS Wire Mesh Manufacturer and Supplier offering Premium Quality Filtration Accessories.

We have the top quality manufacturing capability to weave any mesh from 4 to 500 as per the requirement of the customer. We are one of the largest and trusted SS Wire Mesh Manufacturer in India.

Our wire meshes are top-notch quality with a 100% guarantee of uniformity across the entire roll. We assure our customer of perfect wire mesh weaving, size, mesh, and the grade. If you are looking for a high-quality, Fine Wire Mesh and SS Wire Mesh Manufacturer in India, then your search ends here.

We weave different types of wire mesh rolls of various width and lengths as per our customer's requirements.

- ✓ Corrosion and abrasion resistance.
- ✓ High temperature resistance.
- ✓ Highly aesthetic appeal for architectural applications.
- ✓ Hygienic characteristics and clean ability are specifically suitable for food and pharmaceutical industries.
- ✓ Cost effective.
- ✓ Highly durable and withstand severe conditions.
- ✓ Long life cycle.

Specification

Material: stainless steel 304, 304L, 316, 316L, 317, 321, 330, 347, 410, 430, 309, 310, etc.

Wire diameter: 0.02–6.30 mm.

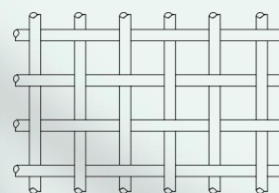
Mesh: 1–625 mesh.

Width: standard less than 2000 mm.

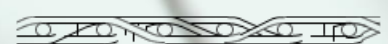
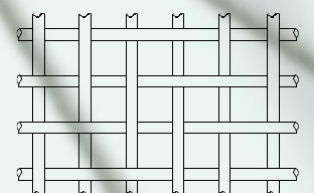
Length: 30 m rolls or cut to length, minimum 2 m.



Plain Weave



Intercrimp/Lock





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Specification Data Of Stainless Steel Wire Mesh / Woven Wire Cloth

Meshes Per Linear Inch	Diameter Of Wire		Width Of Opening		Open
	Inches	Mm	Inches	Mm	Area %
1	0.135	3.5	0.865	21.97	74.8
1	0.12	3	0.88	22.35	77.4
1	0.105	2.5	0.895	22.73	80.1
1	0.08	2	0.92	23.36	84.6
3/4"	0.12	3	0.63	16	70.5
3/4"	0.08	2	0.67	17.01	79.8
2 X 2	0.12	3	0.38	9.65	57.8
2 X 2	0.105	2.5	0.395	10.03	62.4
2 X 2	0.08	2	0.42	10.66	70.6
2 X 2	0.063	1.6	0.437	11.1	76.4
2 X 2	0.047	1.2	0.453	11.5	82.1
3 X 3	0.08	2	0.253	6.42	57.6
3 X 3	0.063	1.6	0.27	6.85	65.6
3 X 3	0.047	1.2	0.286	7.26	73.6
4 X 4	0.08	2	0.17	4.31	46.2
4 X 4	0.063	1.6	0.187	4.75	56
4 X 4	0.047	1.2	0.203	5.15	65.9
5 X 5	0.047	1.2	0.153	3.88	58.5
5 X 5	0.041	1	0.159	4.01	63.2
6 X 6	0.063	1.6	0.104	2.64	38.9
6 X 6	0.047	1.2	0.12	3.04	51.8
6 X 6	0.035	0.9	0.132	3.35	62.7
8 X 8	0.063	1.6	0.062	1.57	24.6
8 X 8	0.047	1.2	0.078	1.98	38.9
8 X 8	0.032	0.8	0.093	2.36	55.4
8 X 8	0.028	0.7	0.097	2.46	60.2
10 X 10	0.047	1.2	0.053	1.34	28.1
10 X 10	0.035	0.9	0.065	1.65	42.3
10 X 10	0.032	0.8	0.068	1.27	46.2
10 X 10	0.025	0.63	0.075	1.9	56.3
12 X 12	0.041	1	0.042	1.06	25.4
12 X 12	0.035	0.9	0.048	1.22	33.2
12 X 12	0.028	0.7	0.055	1.39	43.6
12 X 12	0.023	0.58	0.06	1.52	51.8
14 X 14	0.032	0.8	0.039	1.52	29.8
14 X 14	0.025	0.63	0.046	0.99	41.5
14 X 14	0.023	0.58	0.048	1.22	45.2
14 X 14	0.02	0.5	0.051	1.3	51
16 X 16	0.028	0.7	0.035	0.89	30.5
16 X 16	0.023	0.58	0.04	1.01	39.9
16 X 16	0.018	0.45	0.045	1.14	50.7
18 X 18	0.02	0.5	0.036	0.91	41.1
18 X 18	0.018	0.45	0.038	0.96	48.3



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WELDED WIRE MESH



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Welded wire mesh is the latest development in land wire product industry. The welded wire, generally called reinforcing wire, is mostly used in cement concrete work for construction of buildings, National Highway pavements, runways, dams, airports etc. It is also used for fencing purposes and for partition walls and as a safety guard in engineering workshops.

We offer specialized Mild Steel Wire Mesh, which is highly demanded for being made from exceptional quality steel. The product mostly resistant to acids, alkalis and corrosion. It is used for Industrial , fabrication, Construction , Cooler industries. The product has been tested for assurance of quality and can be customized as well.

The Stainless Steel Welded Wire Mesh is an extremely versatile and a prevailing material that has many different customers for several applications. We are specialized in supplying high stainless steel welded wire mesh which are available in both T-304 & T-316 Stainless Steel. They are corrosion resistant, uniform in appearance



Specifications :-

Material: low carbon steel wire, stainless steel wire and aluminum-magnesium alloy wire.

Wire gauge: 12–24 gauge, or other custom size.

Mesh size: 1/4 inch – 2 inch, or other custom size.

Tensile strength: 300–450 N/mm²

Elongation: min. 15%.

Surface treatment: galvanized (electro or galvanized), PVC coated, etc.

Coated thickness: 0.5 mm – 1 mm.

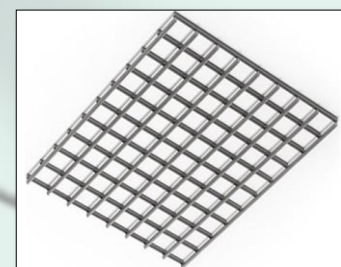
Color: white, green, black, accept customers' special request.

Process: welded after galvanized and galvanized after welding.

Welded mesh roll length: 5 m, 10 m, 30 m or other custom size.

Welded mesh roll width: 0.5 m – 1.8 m or other custom size.

Panel size: 1800 mm × 3000 mm (or more).



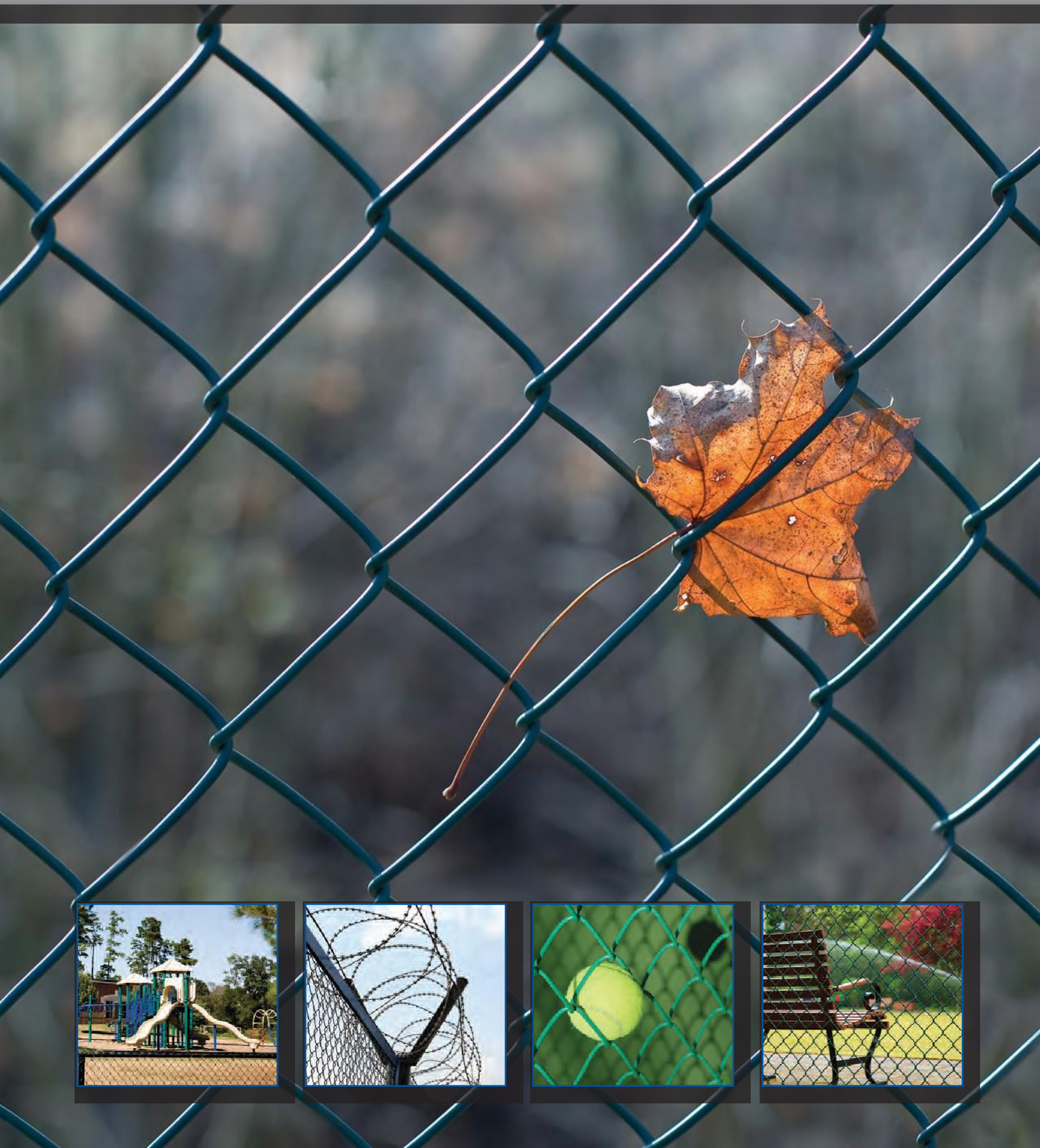
Mesh Count or Center-to- Center	Wire Diameter		Opening Width		Open Area %	Weight, Stainless Steel	
	inches	mm	inches	mm		Lbs/sq. ft.	Kg/m ²
4 x 4	0.028	0.711	0.222	5.639	78.9%	0.202	0.986
3 x 3	0.047	1.194	0.286	7.264	73.6%	0.428	2.090
2 x 2	0.047	1.194	0.453	11.51	82.1%	0.284	1.387
2 x 2	0.063	1.600	0.437	11.10	76.4%	0.507	2.475
1/2" x 1" c.c.	0.063	1.600	0.437	11.10	81.9%	0.380	1.855
1" x 1" c.c.	0.063	1.600	0.937	23.80	87.8%	0.263	1.284
1" x 1" c.c.	0.078	1.981	0.920	23.37	84.6%	0.400	1.953
1" x 1" c.c.	0.080	2.032	0.920	23.37	84.6%	0.416	2.031
1" x 1" c.c.	0.125	3.175	0.875	22.23	76.6%	1.016	4.961
1" x 1" c.c.	0.135	3.429	0.865	21.97	74.8%	1.185	5.786
1-1/2" x 1-1/2" c.c.	0.135	3.429	1.365	34.67	82.8%	0.796	3.886
2" x 1" c.c.	0.125	3.175	1.875	47.63	82.0%	0.766	3.740
2" x 1" c.c.	0.135	3.429	1.865	47.37	80.7%	0.893	4.360
2" x 2" c.c.	0.109	2.769	1.895	48.13	89.8%	0.392	1.914
2" x 2" c.c.	0.135	3.429	1.865	47.37	87.0%	0.602	2.939
2" x 2" c.c.	0.080	2.032	1.920	48.77	70.6%	0.211	1.030
2" x 2" c.c.	0.125	3.175	1.875	47.63	87.9%	0.516	2.519
2" x 2" c.c.	0.1875	4.763	1.813	46.04	82.1%	1.154	5.634

*** Nominal weights are similar for stainless steel, plain steel and galvanized steel



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Chain-Link Products



Galvanized Chain-Link... made to be versatile



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GSTIN : 19AAZCA784811ZL

Galvanized hot-dipped zinc coating is the most popular and inexpensive method for protecting chain-link fencesystems. Preferred for decades to define property lines and protect property, galvanized chain-link offers a versatile fencing solution that will provide years of maintenance-free protection.

Security



Highway



Commercial



Galvanized Fencing System

All steel components are hot-dip zinccoated and guaranteed for a years.

Galvanized After Weaving (GAW)

This process forms or weaves chain-link into a fabric first, and thensoaks it in a large galvanized bath which adheres the zinc coating. This ensures that all the wire is coated, even the cut ends created during the weaving process.



Galvanized Before Weaving (GBW)

In this process, the wire is pre-galvanized before it is formed intoa fabric. The weaving process creates an exposed cut end that will lack coating and be more apt to some minor rust in wet and severe weather conditions.





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Residential



Schools



Construction

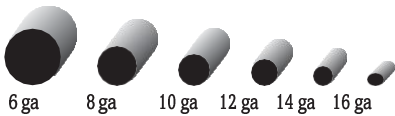


Framework and Fittings

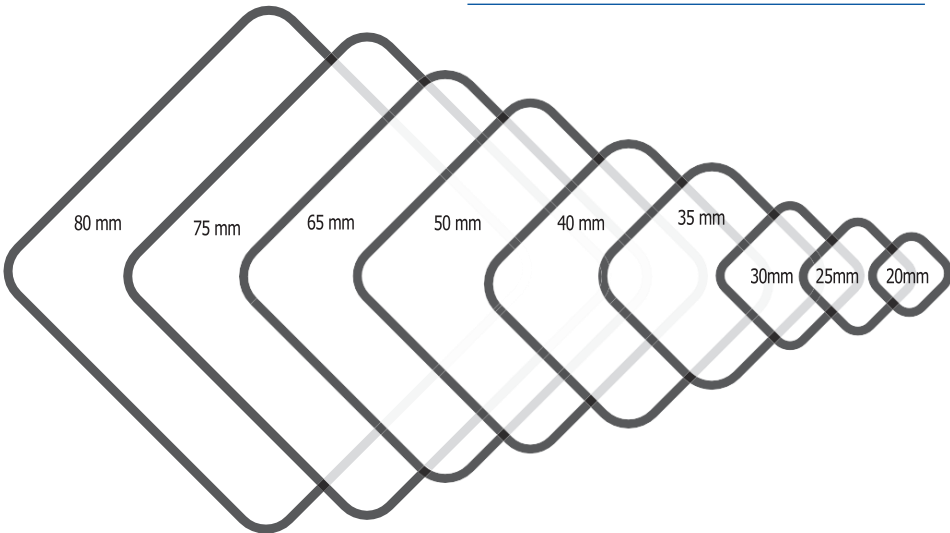
Assirja Wiremesh offers the highest quality matching framework, fittings and accessories for galvanized fencing systems, stocking the largest assortment of domestic and imported pipe, tube and fittings to satisfy any job specification.

Available Wire Gauges

The gauges available are:



Available Mesh Sizes



Stainless Steel Chain-Link... made to perform

Stainless steel chain link fence has high alkali resistance and can sustain high temperature, even in harsh weather conditions, it can keep long-term bright luster which turns out to be a dominant advantage over other types of chain link fences. Recommended for high grade enclosures or barriers such as in airports, highways or other applications where high level protection is needed.

Ground



Parks



Property Lines



Our Spectra Fencing System

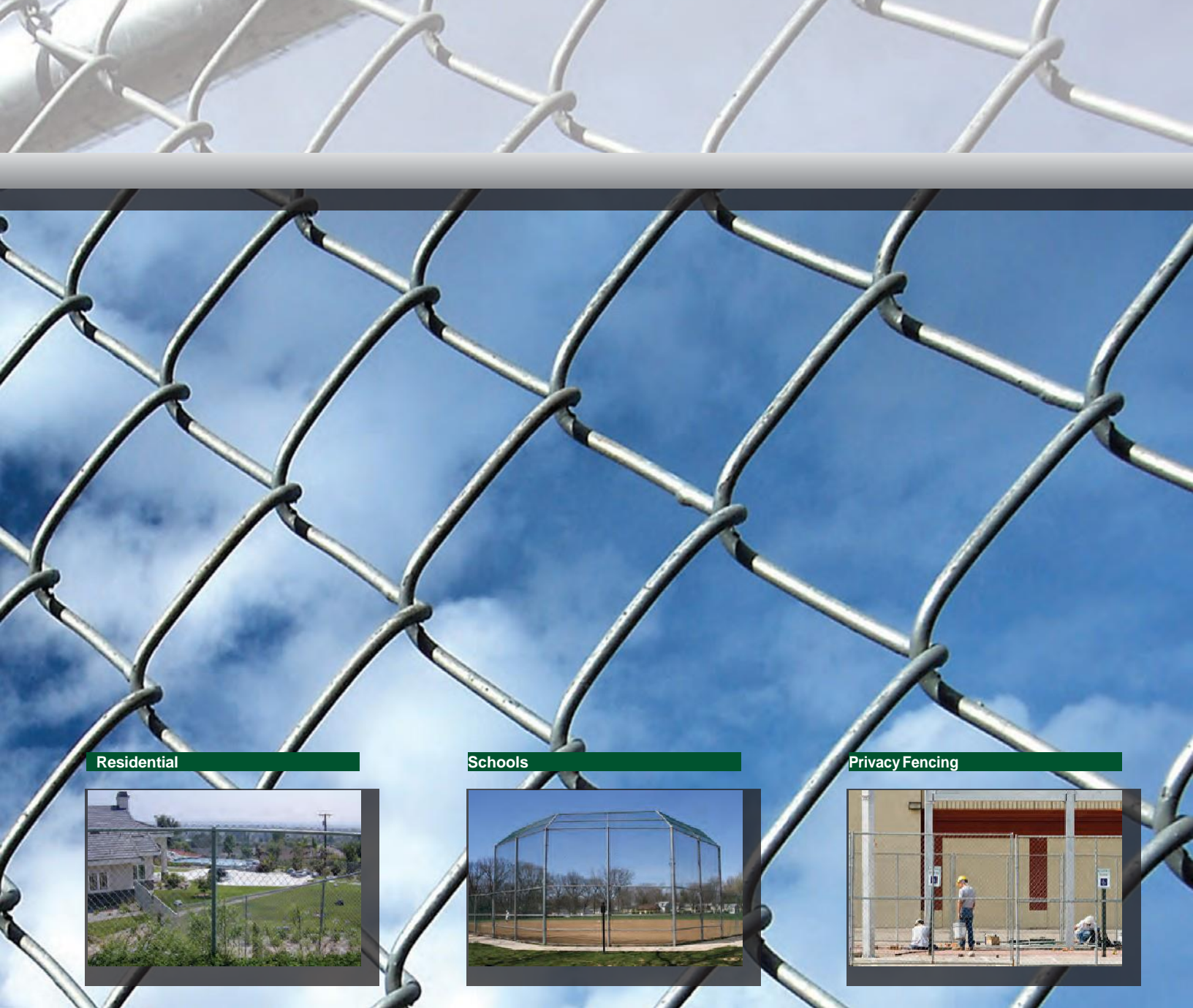
Premium quality frame and fabric is guaranteed

Features and Benefits:

- It is fabricated precisely according to customer specifications. There are almost no limits to shape and size. It is therefore suitable for complex geometries. The included final endings of the mesh make installation on site easier, especially when working at height.
- Extremely flexible and orthotropic thanks to the use of wire ropes. Stiffness and elasticity can be adjusted according to the level of tension applied.
- Tensioning allows larger mesh spans without supporting ropes, adding to the minimal look.
- Due to its resistance the mesh can be implemented as a static element to keep the structure in place and to resist applied loads.
- Quiet: The connected wire ropes make no noise when the net is hit by an object, especially useful for ball stop fences and aviaries.



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Residential



Schools



Privacy Fencing

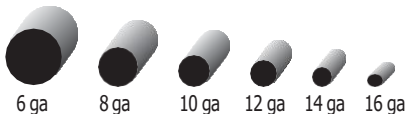


Framework and Fittings

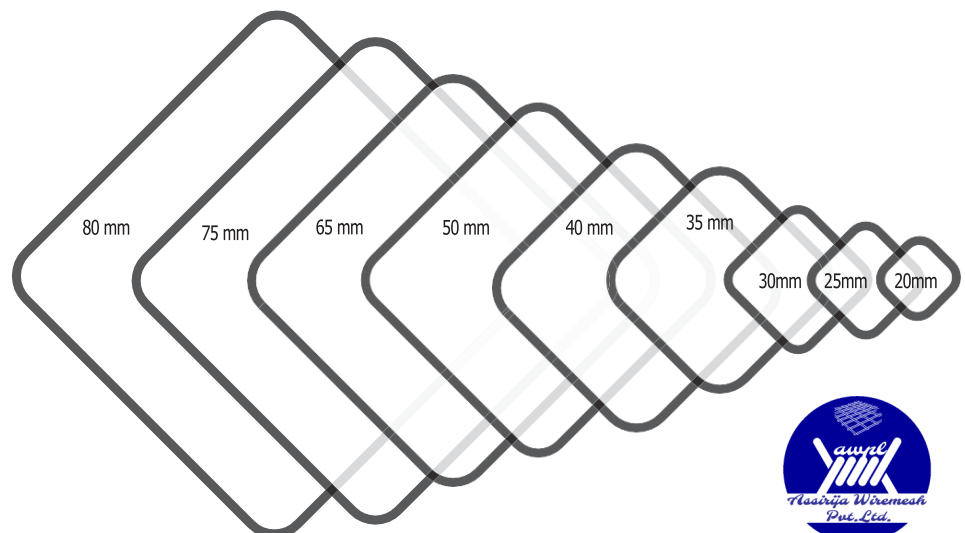
Assirija Wiremesh offers the highest quality matching framework, fittings and accessories for galvanized fencing systems, stocking the largest assortment of domestic and imported pipe, tube and fittings to satisfy any job specification.

Available Wire Gauges

The gauges available are:



Available Mesh Sizes



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PVC Color Chain-Link... made to be durable

PVC (Vinyl-coated) chain link fence is an ideal choice for homes, yards and light commercial projects that require security, durability and affordability. Environmentally friendly colors (black, green and brown) blends naturally with the surroundings and allows the beauty of the landscaping to show through. PVC slats are available in various colours if privacy is needed..

Golf Courses



Perimeter Fence



Tennis Courts



Our Fencing System

We offers the highest quality products with unmatched reliability.

Features and Benefits:

- Outstanding performance in highly corrosive environments provides years of protection.
- High impact resistance reduces the chance of damage during product handling and installation.
- Exceptional resistance to ultra violet light prevents from fading.
- Extreme flexibility reduces susceptibility to cracking and chipping, even in changing weather conditions.



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Available Colors

Choose from 2 standard and colors that will enhance any installation and blend in beautifully with any environment.



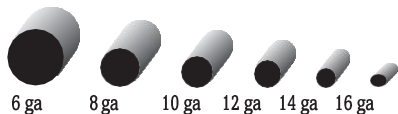
Grey



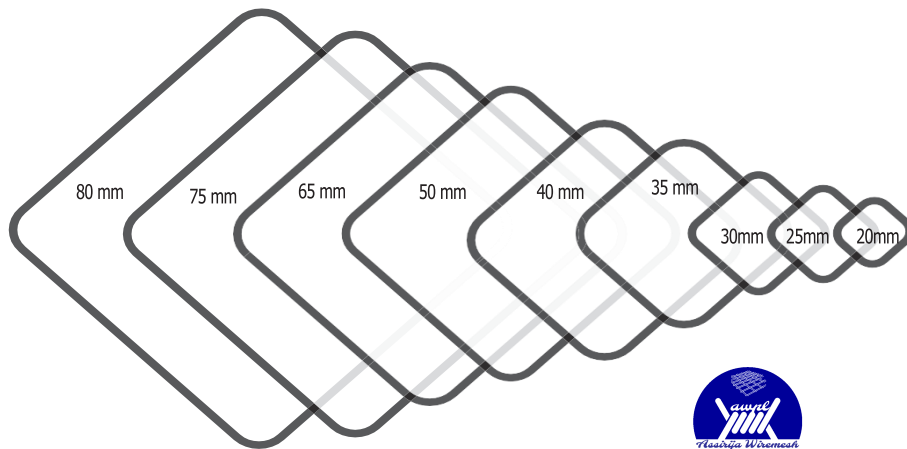
Forest Green

Available Wire Gauges

The gauges available are:



Available Mesh Sizes



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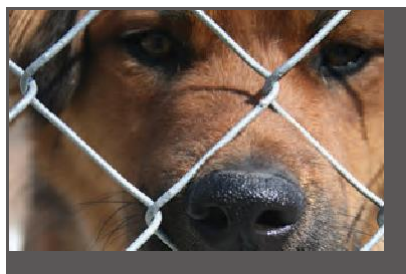
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Accessories, Framework & Fittings... for a complete fencing solution

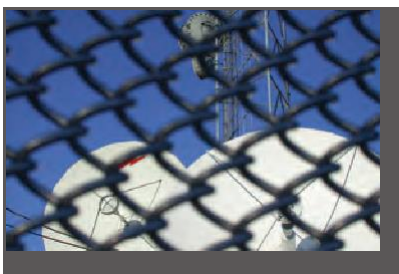
Assirja Wiremesh is dedicated to providing a complete range of products for every fencing application. From temporary fencing to high security accessories, you'll find a solution that will fit any specific requirement for commercial or residential jobs. All products are constructed to the highest quality standards to deliver optimum performance and ensure efficient installation.

As the leader in the chain-link fencing market, you can look to Master Halco with confidence as your one-stop-shop for all high-quality, chain-link fencing products.

Kennels



High Security



Accessories



Temporary Panels



Gates



Privacy Slats



Framework & Fittings

The proper framework and fittings is a must for every job. Assirja Wiremesh is the largest selection of domestic pipe, tube and fittings in the nation to coordinate with our Chain-Link fabric styles, offering a complete fencing solution.

Whether you are looking to complete a small residential job or a large commercial one, We offers the perfect combination of products. Below are just a few examples of coordinating pipes, tubes and fittings available.





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Gabion Solutions



Welded Mesh Product Specification



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**WELDED MESH GABIONS,
MATTRESSES AND ROCK
NETTING PRODUCTS ARE
AVAILABLE IN THE
FOLLOWING
SPECIFICATIONS...**

TRIPLE LIFE COATINGS (95% ZINC 5% ALUMINIUM)

For non aggressive applications:
Retaining structures in non
aggressive environments
Fresh water applications
Cladding of structures
Free standing walls
Gabion fencing
Rockfall protection

PVC-ZINC COATINGS

For structures in aggressive
applications: Saline water
environments
Retaining structures subject to salt spray
Landfill structures Rockfall
protection

STAINLESS STEEL

For structures in aggressive
applications or for architectural
structures.



SHORT FORM OF SPECIFICATION

TRIPLE LIFE COATED GABIONS:

Gabions shall be manufactured from hard drawn welded wire, mesh size 76.2mm x 76.2mm (available in wire diameters 3.0mm, 4.0mm, 5.0mm).

The wire shall be coated with Triple Life corrosion protection (95% Zinc 5% Aluminium) having a minimum coat weight of 240 grams per square metre.

The gabion units shall be supplied with appropriate lacing wire or helicals for assembly and erection. All wire to conform to BS1052.

PVC-ZINC COATED GABIONS:

Gabions shall be manufactured from hard drawn welded wire, mesh size 76.2mm x 76.2mm with zinc and green PVC coatings (available in wire diameters of 3mm\3.50mm and 3.8\4.3mm), product name 'MASTERPLAX'. 'MASTERPLAX' is produced to the following international standards...

Wire to BS1052.

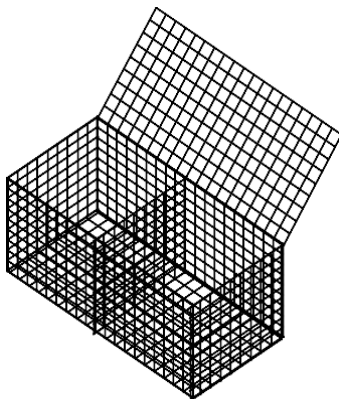
Zinc coating to BSEN10244-2:2001.

PVC coatings system, fusion bond method according to DIN3036 part 2 and ASTM-F688-88 type class 2b.

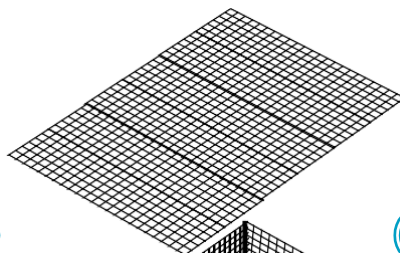
Class 2b PVC-coated wire has the PVC coating fused and adhered to a primer that is cured on to the galvanized steel core wire. Minimum coating thickness is 0.25mm.

The mesh complies with BS2782 Part 5, using method 540B (ISO4892), as required by the 'White Book' 6.26/4 - August 1994.

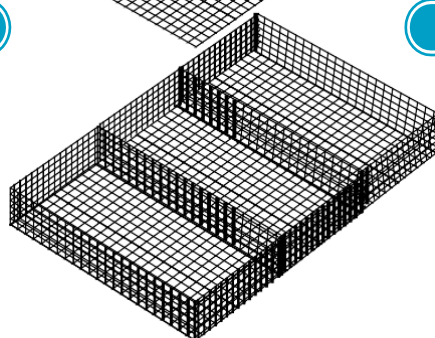
Hy-Ten Welded Mesh Gabions comply with the Highways Agency White Book specification, as detailed in section: 6.26/4, and amended August 1994, and the new European /British Standards BSEN10223-8:2013.



WELDED BOX GABIONS



WELDED GABIONS ATTRESSES



WIRE

Where flexibility of the unit is required (e.g. erosion control structures) a 3mm wire is suitable.

For structural works 2m to 3m high, a 3mm wire diameter is normally adequate. However, some deflection of the face may occur if the fill to the units is not hand packed on the face of the structure. To improve the quality of installation and alignment, the units can be specified with a heavier facing mesh in 4mm or 5mm wire.

For structural works 3m to 6m high, a 3mm wire diameter with a heavier facing mesh of 4mm or 5mm wire is normally adequate.

For structures over 6m, it is recommended to use 5mm wire for the lower courses, changing to 4mm for the upper courses.

For specialist applications such as architectural facings where a high quality of construction is required, the minimum wire diameter should be 4mm.



HEXAGONAL MESH GABION BOX

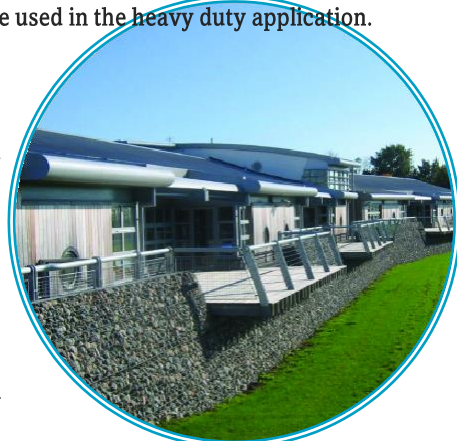
HEXAGONAL MESH GABION BOX is a container that made by weaving the wire into hexagonal mesh. It is divided into several cells by inserting diaphragms every meter. The different parts of it are connected by the lacing wire. And the hexagonal mesh is reinforced by the thicker selvedge wires for higher bearing capacity and longer lifespan.

In addition, hexagonal mesh gabion box has huge deform ability, so it can be easily amended on site to

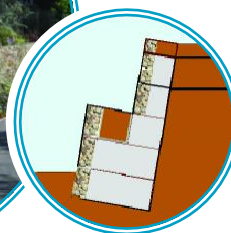
Hexagonal mesh gabion box is mainly used for protecting river and dam from the losing of soil and water. Because compared with welded gabion box, there are no welding point on hexagonal mesh gabion box, which can resist the erosion from flood and sea water. Additional, the twisted structure can supply higher tensile strength to be used in the heavy duty application.

WELDED GABION BOX

WELDED GABION BOX is made of steel wire with high tensile strength, then the wires are welded into a panel. Afterward we can use some mounting connections to assemble them quickly, such as hog ring connection, spiral joints connection, U clip connection and hook connection. The use of these accessories can reinforce the welded gabion box, making it is not easy to deform



Because of this reason, compared with hexagonal mesh gabion box, welded gabion box is able to keep its shape and fit well with the target. In recent years, welded gabion box has become more and more popular in the decoration of garden and landscape, it can be used as a flowerpot, fireplace, decorative wall and various landscape architecture.



Welded Mesh Box Gabions



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Cladding to Structures



River Structures



Mass Gravity Retaining Walls



Architectural Walling

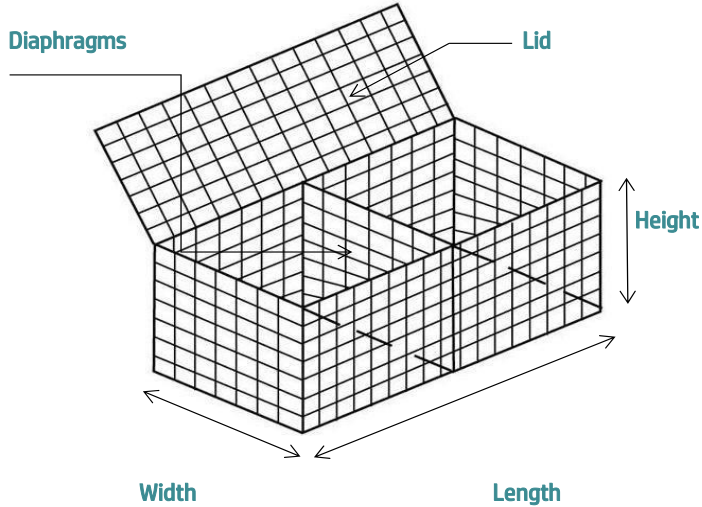


Welded Mesh Gabion and Mattress Sizes



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Specifications of Welded Gabion Box



Material: Galvanized wire or PVC coating wire.

Tensile strength: 380-550 N/mm²

Wire diameter: 3 4 5 6mm

Mesh size: 50x50, 75x75, 50x100, 100x100mm

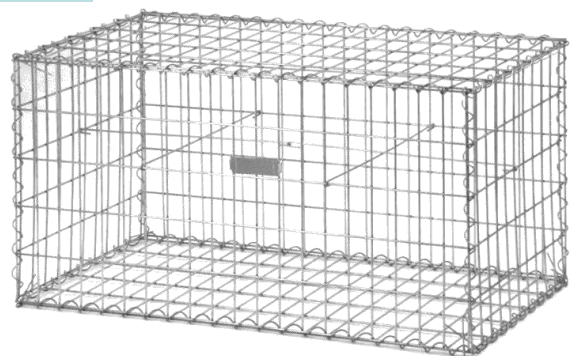
Box size: 2x1x1m, 2x1x0.5m,
1x1x1m, 1x1x0.5m, 1.5x1x1m

Feature

- Stable structure, and it is not easy to deform or crack.
- High security.
- Corrosion resistance and rust resistance, can be used in all weathers.
- Modular structure makes installation quick and simple.
- Low cost, recycle and friendly to environment.
- Can be made into various shapes for decoration

Specifications and volume of welded gabion box

Nominal box sizes (m)	No. of diaphragms (no.)	Capacity per box (m ³)
1.0 × 1.0 × 0.5	Nil	0.5
1.0 × 1.0 × 1.0	Nil	1
1.5 × 1.0 × 0.5	Nil	0.75
1.5 × 1.0 × 1.0	Nil	1.5
2.0 × 1.0 × 0.5	1	1
2.0 × 1.0 × 1.0	1	2
3.0 × 1.0 × 0.5	2	1.5
3.0 × 1.0 × 1.0	2	3
4.0 × 1.0 × 0.5	3	2
4.0 × 1.0 × 1.0	3	4





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Concertina Coil (PTCC), RBT



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Highly recommended in the industry as the most reliable fencing product, this Concertina Coil is specially designed for complete security and protection in highly sensitive areas. The coil is made by using top quality materials and hence, extremely immune to deterioration. Can be used alone or in combination with other fencing products for added security, this is commonly used as a barrier for preventing access of any trespasser.

Features:

- ✓ High tensile strength
- ✓ Sharp-edged barbs fitted at regular intervals
- ✓ Allows easy handling and anchoring of the coil to the ground
- ✓ Good obstruction effect
- ✓ Suitable for high level of security
- ✓ Electro galvanized
- ✓ Protection against outdoor exposure
- ✓ Two handles and one spike are given on each side of the spirals



00000



Specification:

Product Name	Product Specification			
	Material	Wire Diameter	Coil Diameter	Coil Length
Concertina Coil	G.I / Ss / Al	2.50 Mm	600 Mm	6 Meters
Barbed Tape Concertina Coils	S.S -304 Or S.S - 430	2.60 Mm	450 Mm	8 Meters
Concertina Coil Fencing	G.I Or S.S	2.50 Mm	610 Mm	6 Meters
Concertina Fencing	G.I	2.64 Mm	730 Mm	10 Meters
Concertina Helix Coil	Aluminium	3.00 Mm	550 Mm	15meters
Concertina Fence	Galvanized	3.00 Mm	650 Mm	10 Meters
600 Mm Dia Concertina Coil	G.I	2.50 Mm	600 Mm	6 Meters
Concertina Razor Coil	S.S Or Zal	2.95 Mm	980 Mm	15 Meters
Razor Concertina Coil	G.I Or S.S	3.00 Mm	300 Mm	4 Meters
Galvanized Concertina Coil	Galvanized	2.60 Mm	500 Mm	5 Meters
Helix Concertina Coil	Hot Dip G.I	2.80 Mm	1200 Mm	15 Meters
Anti Rust Concertina Coil	Zal Steel	2.60 Mm	630 Mm	6 Meters
Barbed Razor Tape Concertina Coil	Stainless Steel – 316	2.50 Mm	400 Mm	5 Meters
Srpbt Concertina Coil	Zal Or Ss Gr	2.70 Mm	610 Mm	6 Meters
Concertina Barbed Razor Coil	G.I Or Aluminium	3.00 Mm	400 Mm	4 Meters

Concertina Coil Weight Per Meter Is Within 1.20 Kgs To 2.20 Kgs.
Concertina Coil 600mm Dia Weight Per Meter Is 1.42 Kgs



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THE BARBED WIRE FENCE

Agricultural Lands, Residential Apartments
And Commercial Spaces

Barbed Wire, Also Known As Barb Wire (And Frequently In Dialect Form Spelled Bob Or Bobbed), Is A Type Of Fencing Wire Constructed With Sharp Edges Or Points Arranged At Intervals Along The Strand(S). It Is Used To Construct Inexpensive Fences And Is Used Atop Walls Surrounding Secured Property. It Is Also A Major Feature Of The Fortifications In Trench Warfare (As A Wire Obstacle). It Is Installed From The Top Down.

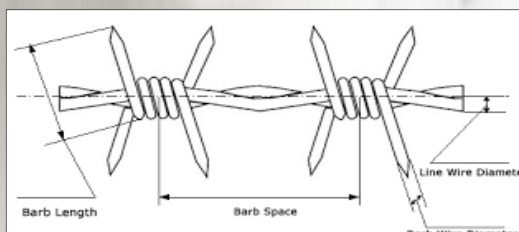
There Are Several Ways To Anchor The Wire To A Corner Post. Hand-Knotting. The Wire Is Wrapped Around The Corner Post And Knotted By Hand. This Is The Most Common Method To Attaching Wire To A Corner Post. A Timber Hitch Works Well As It Stays Better With Wire Than With Rope.

Crimp Sleeves. The Wire Is Wrapped Around The Corner Post And Bound To The Incoming Wire Using Metal Sleeves Which Are Crimped Using Lock Cutters. This Method Should Be Avoided Because While Sleeves Can Work Well On Repairs In The Middle Of The Fence Where There Is Not Enough Wire For Hand Knotting, They Tend To Slip When Under

Tension.

Wire Vise. The Wire Is Passed Through A Hole Drilled Into The Corner Post And Is Anchored On The Far Side.

Wire Wrap. The Wire Is Wrapped Around The Corner Post And Wrapped Onto A Special, Gritted Helical Wire Which Also Wraps Around The Incoming Wire, With Friction Holding It In Place.



Specification :

Material: Carbon steel, aluminium alloy, stainless steel.

Surface treatment: galvanized or PVC coated.

Type: 2x12x2 Ply, 12x12x3Ply, 14x14x2Ply, 14x14x3 Ply or any custom gauge

Coverage: 6m / Kg for 12x12x2Ply, 5.5 m / Kg for 12x12x3 Ply, 8m for 14x14x2 Ply

Gauge : 9.5

Single strand barbed wire: formed with one line wire and many barbs.

Double strand barbed wire: formed with two line wires and many barbs

Applications : Domestic, Industrial, Agricultural, Défense, etc.



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WOVEN MESH



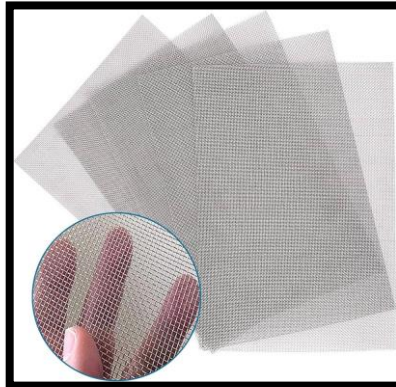
WOVEN MESH

□ Woven Wire Mesh

We are one of the reputable companies that produces, distributes, and exports a large variety of woven wire mesh. All of our products are created using the newest technology and premium raw materials to guarantee that the finished product satisfies global quality standards and norms. Customers highly praise these goods for their resistance to corrosion and abrasion, sturdy construction, little maintenance requirements, and extended service life. In addition, we verify every product based on multiple criteria to guarantee perfection. There is a wide range of wire sizes, scope, and hole sizes available in wire mesh production. Wire fabric that has been woven comes in many weave types. Wire mesh is frequently utilized in the industry and is available in GI, SS 304, SS 202, SS 316, copper and bronze, spring steel, and brass

Type of weave:

- Plain
- Twilled
- Dutch
- Twilled Dutch
- Dovex



□ Steel Woven Wire Mesh

Product Details:

Material	:	Stainless steel
Color	:	Silver
Size	:	All
Hole Shape	:	Square
Thickness	:	6mm

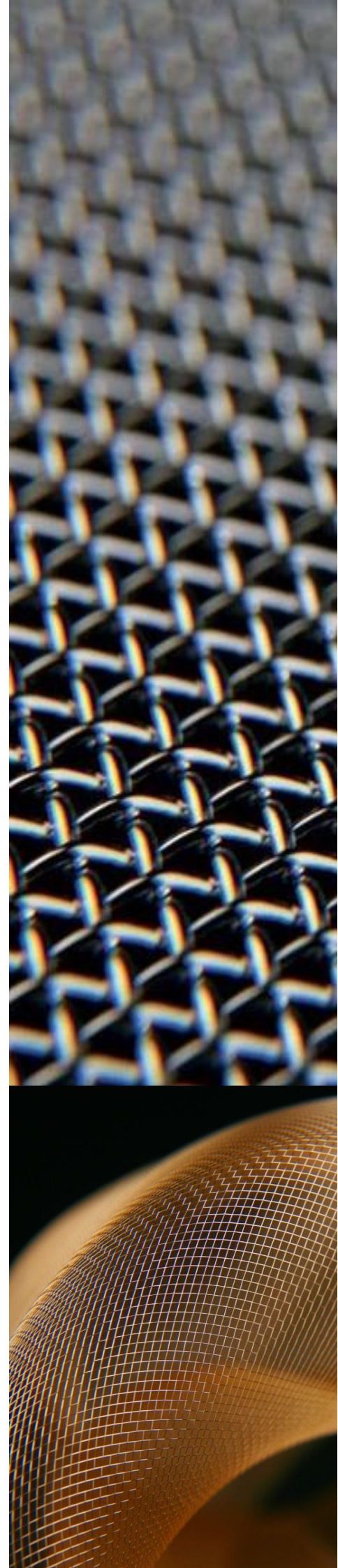
We have gained expertise in providing our customers with Steel Woven Wire Mesh that is designed in compliance with industry norms. All our products are manufactured using high-grade raw material and modern machinery that are sourced from the reliable vendors of the market. In addition to this, we thoroughly check all the products on various parameters to ensure flawlessness.

Features:

- Longer service life
- Low maintenance



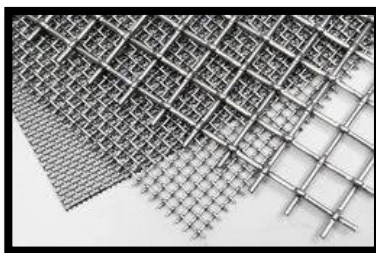
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□ Woven Wire Netting

Product Details:

Material : SS304
Weave Type : Other
Wire Gauge Size: 0.06 mm-12.70 mm
Hole shape : Square
Width : 600 mm to 4 mtr



We are capable of making a wide range of Woven Wire Netting. We manufacture all our products using high-grade raw material and modern machinery. Wire nettings can be made in SS 304, SS 316, Spring steel, GI, Mild steel, Copper, Brass, Bronze. Apart from this, our expert quality controllers stringently check all the products on various parameters to ensure flawlessness.

Features:

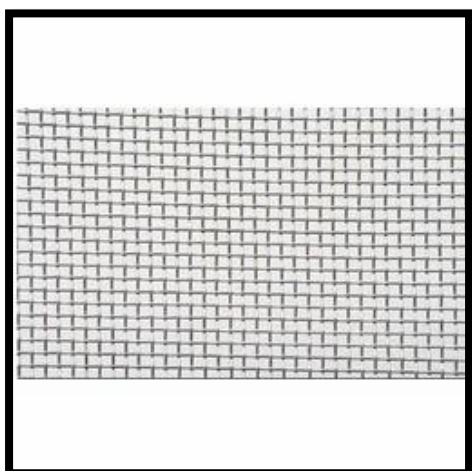
- Perfect mesh
- Custom fit
- superior quality

□ Woven Wire Cloth

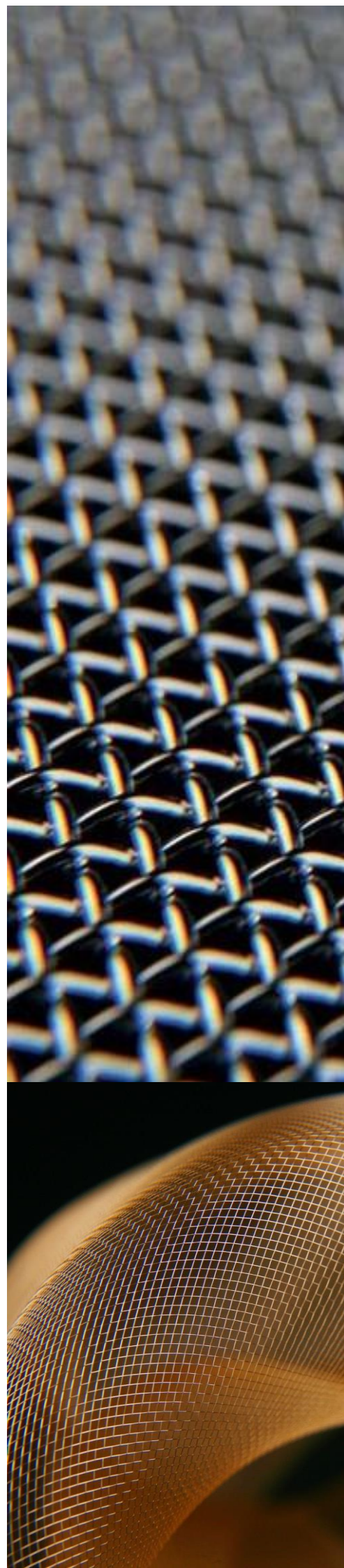
Product Details:

Material : Stainless steel
Wire Gauge Size: 1.37 mm-12.70 mm
Hole shape : Square
Width : 1.22m

We offer a wide range of Woven Wire Cloth and our product is made of good quality



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CHICKEN WIREMESH



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Certificate No : 23MEQP014
GSTIN : 19AAZCA7848J1ZL

CHICKEN WIRE MESH

"The best solution for poultry protection and crop fencing"



We have been offering the durable chicken wire products for years. And we are specialized in chicken wire 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.

Chicken wire, also called poultry mesh or rabbit fence, is a kind of light hexagonal wire netting. It can be made of low carbon steel or stainless steel. With galvanized, PVC coated or vinyl coated surface treatment, chicken wire is corrosion and rust resistant.

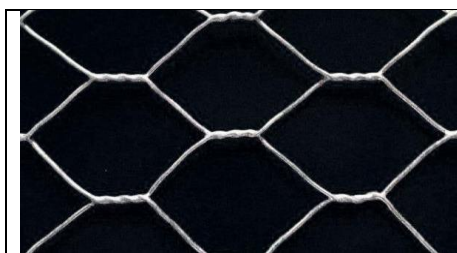
Compared with other chicken wire, our products are featured by high tensile strength and long service life. They are widely used for animal fencing and garden fencing. In addition to, it also can be used with field fence or welded wire fence for plant fencing and crop fencing.

Feature of chicken wire...

- High tensile strength and uniform mesh size.
- Corrosion and rust resistant.
- Acid and alkaline resistant.
- Oxidation resistant.
- Easy to handle and cut.
- Durable and long service life.

Specification of chicken wire

- **Material:** low carbon steel, stainless steel.
- **Surface treatment:** galvanized, PVC coated, vinyl coated.
- **Process:** surface treatment before weaving, surface treatment after weaving.



Galvanized after weaving



PVC coated before weaving



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- **Common color:** green, white, silver, black
- **Mesh opening shape:** hexagon.
- **Twist style:** normal twist, reverse twist.



Normal twist chicken wire



Reverse twist chicken wire

- **Package:** chicken wire roll wrapped by shrink film or water-proof paper, then packaged into cardboard carton or wooden pallet.



Chicken netting in carton



Chicken netting on pallet

Table 1: Galvanized Chicken Wire Fence Common Sizes

Item	Mesh Size (mm)	Wire Diameter (mm)	Width (m)	Length (m)
GCW-01	8 × 8	0.7	0.5, 1.0	10 25 30 50 100
GCW-02	10 × 10	0.7	0.5, 1.0	
GCW-03	13 × 13	0.7	0.5, 1.0	
GCW-04	20 × 20	0.7	0.5, 1.0	
GCW-05	25 × 25	0.8	0.5, 1.0, 1.5	
GCW-06	30 × 30	0.8	0.5, 1.0, 1.5	
GCW-07	30 × 30	1.0	1.0, 1.5	
GCW-08	40 × 40	0.9	0.5, 1.0, 1.2, 1.5, 2.0	
GCW-09	50 × 50	0.9, 1.0	0.5, 1.0, 1.2, 1.5, 2.0	

Table 2: PVC/Vinyl Coated Chicken Wire Fence Common Sizes

Item	Mesh Size (mm)	Outside Wire Diameter (mm)	Width (m)	Length (m)
PCW-01	13 × 13	0.6 - 1.0	0.5 - 1.0	10 25 30 50 100
PCW-02	20 × 20	0.6 - 1.0	0.5 - 1.5	
PCW-03	25 × 25	0.7 - 1.3	0.5 - 1.5	
PCW-04	30 × 30	0.9 - 1.3	1.0 - 2.0	
PCW-05	40 × 40	0.9 - 1.4	1.0 - 2.0	
PCW-06	50 × 50	1.0 - 1.4	1.0 - 2.0	
PCW-07	75 × 75	1.2 - 1.6	1.5 - 2.0	

Table 3: Stainless Steel Chicken Wire Fence Common Sizes

Item	Mesh Size (mm)	Wire Diameter (mm)	Width (m)	Length (m)
SCW-01	15 × 15	0.7	0.5 1.0 1.2 1.5 2.0	10 25 30 50 100
		0.6		
SCW-02	20 × 20	0.9		
		0.7		
		0.6		
SCW-03	18 × 18	0.8		
		0.6		
		0.5		
SCW-04	25 × 25	1.1		
		0.8		
		0.6		
SCW-05	30 × 30	1.1		
		0.8		
SCW-06	40 × 40	1.2		
		0.9		
		0.7		
SCW-07	50 × 50	1.2		
		0.9		
		0.7		

Table 4: Chicken Wire Recommended Size for Various Animals

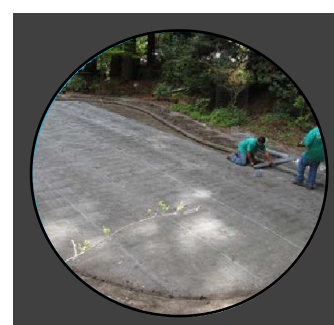
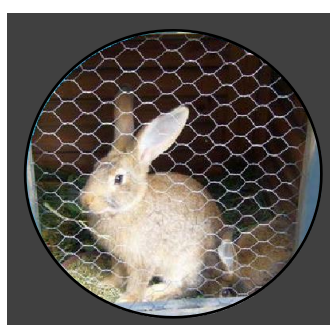
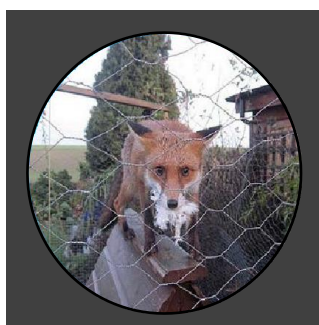
Item	Chicken Wire for Various Animals	Mesh Size (mm)	Wire Diameter (mm)	Width (m)	Length (m)
ACW-01	nursery	13 × 13	0.5, 0.6	0.5, 0.6, 0.8, 1.0, 1.2, 1.5, 1.8, 2.0	30 50 100
ACW-02	brooding	25 × 25	0.6, 0.7	0.6, 0.8, 1.0, 1.2, 1.5, 1.8, 2.0	
ACW-03	chicken	50 × 50	0.6, 0.7	1.0, 1.2, 1.5, 1.8, 2.0	
ACW-04	bantam	50 × 100	0.6, 0.7	1.0, 1.2, 1.5, 1.8, 2.0	
ACW-05	peacock	75 × 75	1.2	1.0, 1.2, 1.5, 1.8, 2.0	
ACW-06	pig	75 × 75	1.7	0.8, 1.0, 1.2, 1.5, 1.8, 2.0	
ACW-07	pheasant	75 × 100	1.2	0.8, 1.0, 1.2, 1.5, 1.8, 2.0	
ACW-08	boar	75 × 100	1.2, 1.7	0.8, 1.0, 1.2, 1.5, 1.8, 2.0	
ACW-09	capybara	100 × 100	1.5, 1.7	0.8, 1.0, 1.2, 1.5, 1.8, 2.0	

Application

- Poultry fencing.
- Garden fencing.
- Zoo fencing.
- Crop fencing.
- Plant fencing.
- Fish pool fencing.

Hot products

- Stainless steel chicken wire.
- Galvanized carbon steel chicken wire.
- Green hexagonal wire netting.
- Rabbit fence.
- Gopher control wire mesh.

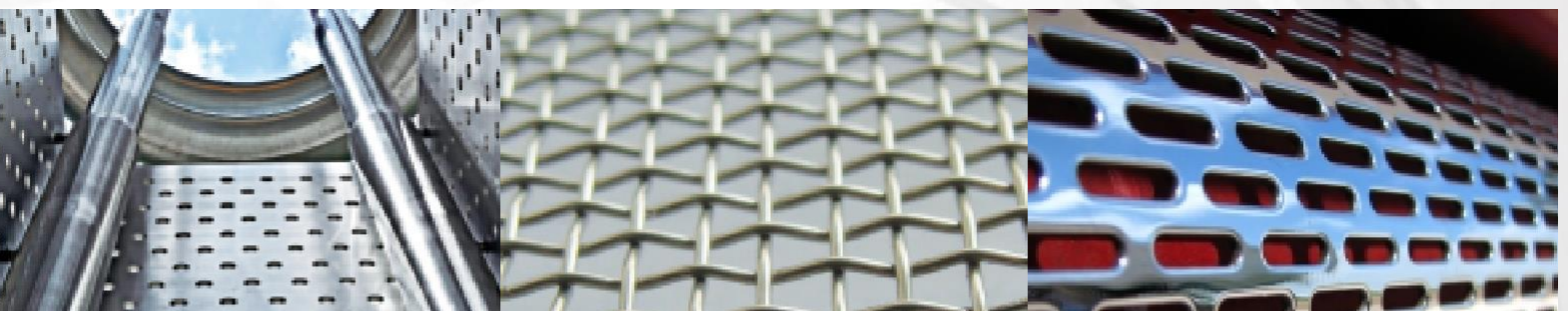




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PERFORATED SHEET , WIRE MESH AND WELDED WIRE





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Perforated Sheets

Superfit manufactures high quality perforated sheets which are used by all sectors of the Industry may it be Filters, Acoustics, Pharma, Oil & Gas, Agriculture, Ship building, or even Chemical process engineering and fabrication and many more.

The max. sheet size we can perforate is 2000mm x 6000mm in a max. thickness of 10mm in SS.

Perforated sheets are made in all types of metals:

Stainless Steel, MildSteel, Galvanised Steel, Aluminium, Copper, Brass, Monel, Inconel, Titanium, Hastelloy, Duplex, Super Duplex, etc.

- Superior perforation quality
- Minimum burrs on the rear side
- Sheet leveling done after perforation

Punching: Punching is done on a range of different types of conventional as well CNC controlled punching presses of variable capacities.

We can punch the following type of holes:



Round



Square



Oblong



Capsule



Rectangular



Hexagonal



Dimpled



Lipped

(Any special type of a hole demanded by the customer can be well studied and developed in the shortest time.)

Fine Hole Punching: Superfit offers perforated sheets and coils in very small hole diameters (from min. 0.4mm dia. to 2mm dia) which are used where filtering of fine powders, chemicals or liquids is to be done.

Drilling: Those sheets which are impossible to punch because of either much heavy thickness (above 10mm upto 100mm) or odd thickness to hole proportion, or much bigger sheet sizes have to be drilled.



Perforated Sheets can be manufactured in various shapes and sizes as per suitability of the customer.

Standard size Perforated Sheets: 1000mm x 2000mm, 1220mm x 2440mm and 1500mm x 3000mm. In the most running hole-pitch and thickness combinations with standard borders are generally stocked in SS and MS.

Customized Perforated sheets: Apart from standard sheet sizes we provide them into shorter or longer length and width dimensions as per the need of the customer. (For eg. Sheet size: 850mm x 635mm with 30mm and 70mm borders on adjacent sides.)



Perforated Coils: Perforated Coils into standard or customized widths and longer lengths as per the suitability of the customer.

Advantages:

- Can be cut into required lengths.
- Occupy less storage space.
- Generate lesser wastage per coil.



Perforated Circles: Perforated Sheet into circular form with a specific size of border to be left plain without punching.



Perforated Tubes: Superfit provides high quality Perforated Tubes in various thickness, tube diameters, lengths etc. As and how demanded by the customer. Perforated Tubes are made by a very sophisticated method as per the exacting dimensions so as to achieve an optimistic product.

Seamless Perforated Tubes: As per the customer's demand, we can perforate readily available seamless metal tubes as per the dimensions given by the customer in a max. Length of 6 mtrs. This can be done either by punching or drilling.

Welded Perforated Tubes: These type of tubes are generally made from Perforated Sheets or coils which are further fabricated and welded either manually or through ERW process and then finished as per the requirement.



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Wiremesh

Superfit wiremesh is high in quality, perfect in dimensions and superior in finish. Wiremeshes range from a variety of different weaves to various openings to wire gauges combinations in all kinds of metals as per the suitability of the application.

Fine mesh: Wiremesh with very fine openings with relation to wire diameters woven to achieve the best filtering results is called Fine Mesh. This can be made in very fine apertures upto 600 mesh to various types of micron openings.

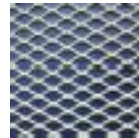
Crimped Wiremesh: Pre-crimping of wires is done to precisely define the spacing and then weaved to ensure that the wires properly interlock into each other.

Double Crimped Wiremesh: At times, when the open area of the wiremesh is important there has to be extra crimps given to the wires to give it more strength and accuracy after the complete formation.

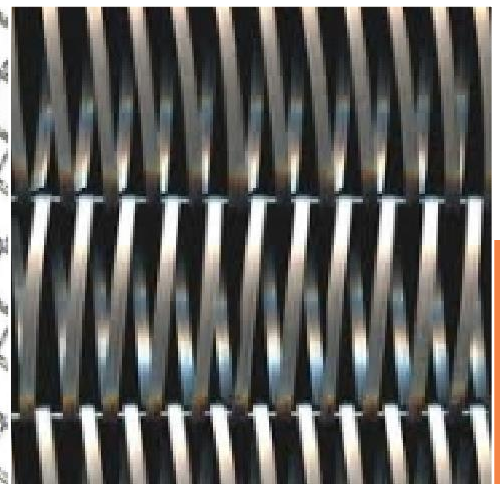
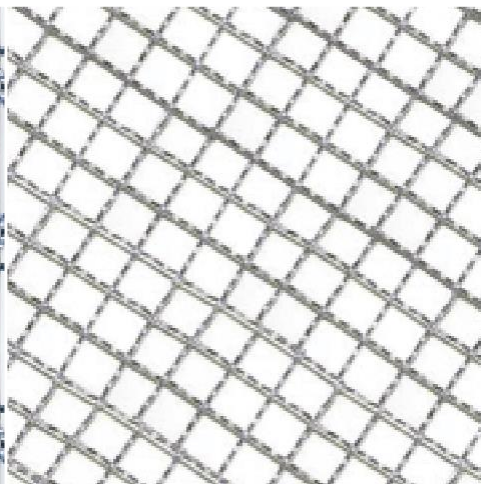
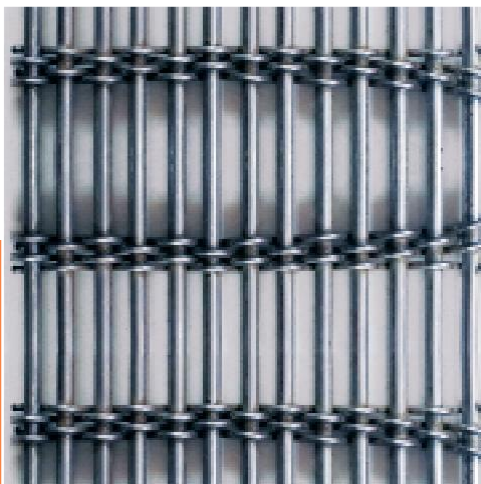


Welded Mesh: Metal wires that are welded to each other at each joint in square or rectangular form is called welded mesh.

These can be available in rolls of standard widths of 1000mm, 1220mm, or 1500mm x lengths of 50 or 100 ft. in SS, MS and GI.

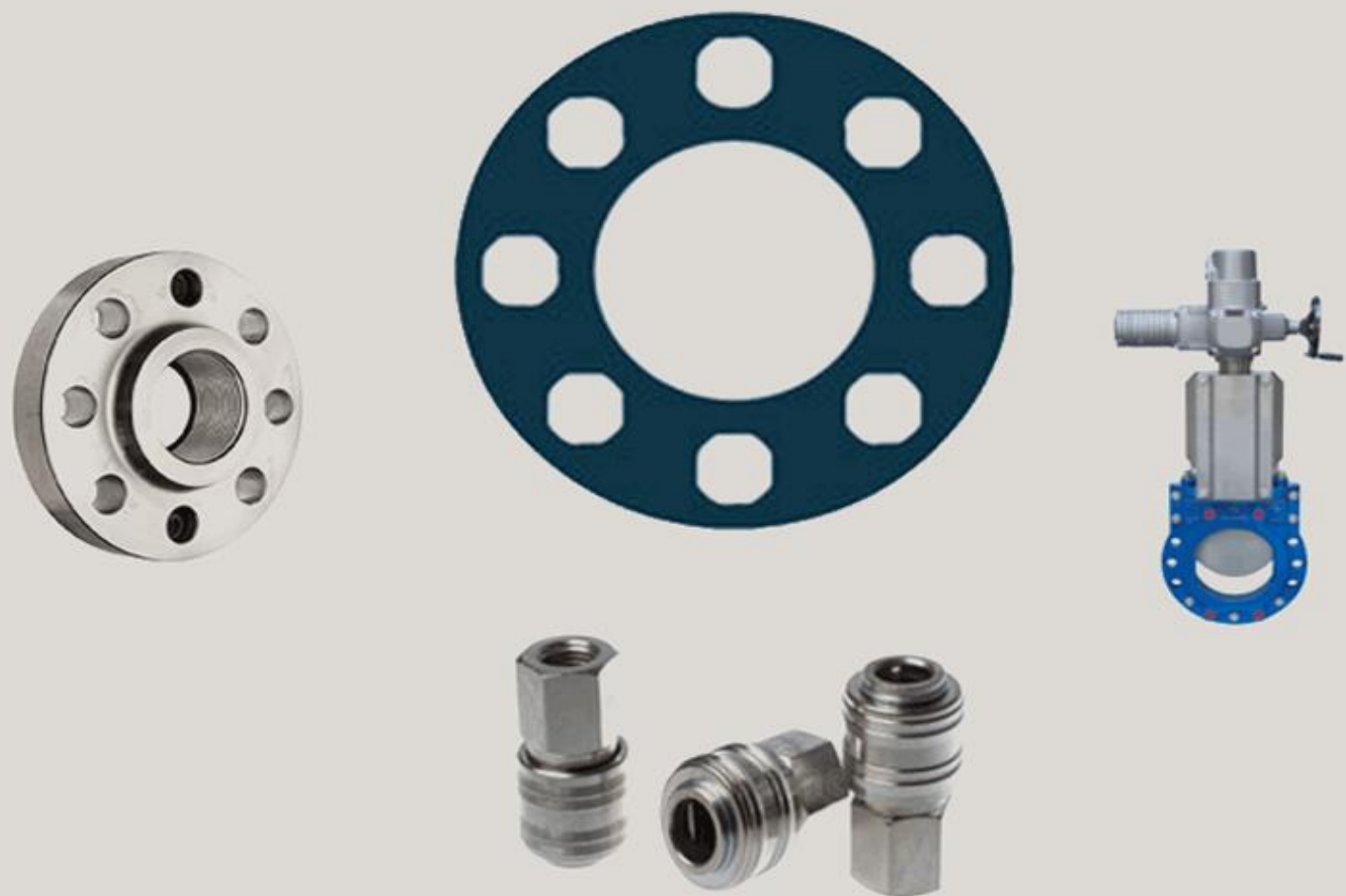


Expanded Metal: This is made from plain solid metal sheets which are slit and stretched in a diamond like shape. Expanded metal is made by expanding the plain sheets to the ratio of 1:3 or even more at times.





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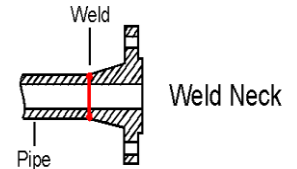


FLANGES - COUPLINGS - VALVES

A Flange is a method of connecting pipes, valves, pumps and other equipment to form a pipework system. It also provides easy access for cleaning, inspection or modification. Flanges are usually welded or screwed into such systems and then joined with bolts.

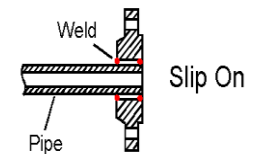
Weld Neck

This flange is circumferentially welded into the system at its neck which means that the integrity of the butt welded area can be easily examined by radiography. The bores of both pipe and flange match, which reduces turbulence and erosion inside the pipeline. The weld neck is therefore favoured in critical applications



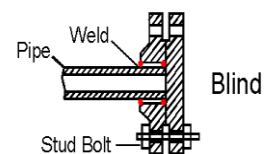
Slip-on

This flange is slipped over the pipe and then fillet welded. Slip-on flanges are easy to use in fabricated applications.



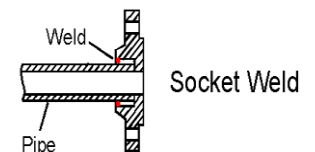
Blind

This flange is used to blank off pipelines, valves and pumps, it can also be used as an inspection cover. It is sometimes referred to as a blanking flange.



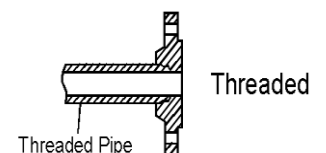
Socket Weld

This flange is counter bored to accept the pipe before being fillet welded. The bore of the pipe and flange are both the same therefore giving good flow characteristics.



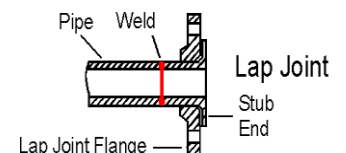
Threaded

This flange is referred to as either threaded or screwed. It is used to connect other threaded components in low pressure, non-critical applications. No welding is required.



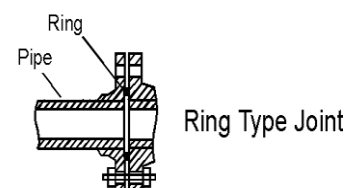
Lap Joint

These flanges are always used with either a stub end or taft which is butt welded to the pipe with the flange loose behind it. This means the stub end or taft always makes the face. The lap joint is favoured in low pressure applications because it is easily assembled and aligned. To reduce cost these flanges can be supplied without a hub and/or in treated, coated carbon steel.



Ring Type Joint

This is a method of ensuring leak proof flange connection at high pressures. A metal ring is compressed into a hexagonal groove on the face of the flange to make the seal. This jointing method can be employed on Weld Neck, Slip-on and Blind Flanges.



The aim of the flexible coupling is to transfer motion between two shafts on the same axis whilst accounting for possible misalignments. We have various styles of flexible couplings suitable for a wide range of applications.

The quality of the materials used, the careful design and the precision in manufacturing ensure long lasting high performance, safety and reliability for even the most complex applications.

Strengths of our Models:

- Available in fully turned steel, aluminium or stainless steel
- Good reliability.
- Different customization possibilities.
- Wide selection.
- Highly accurate manufacturing.
- Optimum protection against environmental conditions.



	Disc	Elastomeric	Jaw-In-Shear (Wrapflex/Sami Flex)	Jaw
Induced Vibrations	Very Low	High	Moderate	Moderate
Misalignment Ability	Moderate	High	Moderate	Low
Ability to Protect Equipment	Very High	Moderate	Low	Very low
Up Front Cost	Moderate	Moderate	Low	Very Low
Total Cost of Ownership	Low	Very High	High	High
Weight	Low	High	Moderate	Moderate
Speed Capability	Very High	Moderate	Low	Low
Operation Frequency	Continuous for Many Years	Continuous for a Few Years	Intermittent	Intermittent
Maintenance Requirements	None	Replace Elements Every Two Years	Replace Elements Every Year	Replace Elements Every Year
Torque Density	Very High	Low	Moderate	High
Impact on Bearing and Seal Life	Very Long	Moderate	Shortened Life	Very Shortened Life



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Valve Accessories:

A valve is a device that regulates the flow of a fluid (gases, fluidized solids, slurries, or liquids) by opening, closing, or partially obstructing various passageways. Valves are technically pipe fittings, but are usually discussed as a separate category.

Valves are also found in the human body. For example, there are several which control the flow of blood in the chambers of the heart and maintain the correct pumping action (see heart valve article).

Valves are used in a variety of contexts, including industrial, military, commercial, residential, and transportation.

Oil and gas, power generation, mining, water reticulation, sewerage and chemical manufacturing are the industries in which the majority of valves are used.

Plumbing valves, such as taps for hot and cold water are the most noticeable types of valves. Other valves encountered on a daily basis include gas control valves on cookers and barbecues, small valves fitted to washing machines and dishwashers, and safety devices fitted to hot water systems.

Valves may be operated manually, either by a hand wheel, lever or pedal. Valves may also be automatic, driven by changes in pressure, temperature or flow. These changes may act upon a diaphragm or a piston which in turn activates the valve, examples of this type of valve found commonly are safety valves fitted to hot water systems or steam boilers.

More complex control systems using valves requiring automatic control based on an external input (i.e., regulating flow through a pipe to a changing set point) require an actuator. An actuator will stroke the valve depending on its input and set-up, allowing the valve to be positioned accurately, and allowing control over a variety of requirements.

Valves are also found in the Otto cycle (internal combustion) engines driven by a camshaft, lifters and or push rods where they play a major role in engine cycle control.

A huge variety of valves are available, and valves have infinite applications and sizes ranging from .004" (0.1 mm) to 24" (600 mm). Special valves can be manufactured to have a diameter exceeding 200" (5000 mm).

We are the manufacturer of Valve Accessories Parts Ball Valves, Stem Nuts, Screw Outlets, etc... please click on the products names to check further details

Construction type Images :



Ball Valve is available in various sizes like: $\frac{1}{4}$ ", $\frac{1}{2}$ ", $\frac{3}{4}$ ", 1", $1\frac{1}{2}$ ", 2", $2\frac{1}{2}$ ", 3", 4".

Ball Valves are manufactured in different materials like CZ 360, Brass Forging Grade Type II.

Ball Valves are available in finished looks like: Natural Brass and Nickel or Chrome Plated.



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Stem Nuts are available as per the size required according to the size of the Valve.

Stem Nut are manufactured in materials like: SAE 660 Aluminum Bronze.



Screw Outlet are available as per the size required according to the size of the Valve.

Screw Outlet are manufactured in materials like: BS1400 Gun Metal..



Valve flanges use bolts, gaskets, and other connectors to seal pipes, valves, and other fluid system components together. Although they may be welded together, removable flange hardware allows for easy maintenance, repair, cleaning, and inspection. TVI offers a wide range of corrosion- and temperature-resistant valve flanges with an exceptionally high degree of design accuracy and durability.



Valve fasteners are the hardware used to connect components at joints in a fluid system. Common valve fasteners include screws, nuts and bolts, and wing nuts. TVI provides a range of valve fasteners in a variety of materials, including metal alloys, PVC, PP, and PVDF. Our valve cover fasteners are easy to use and inexpensive, with a compact, sturdy design and long service life.

BALAPROTECH

Sensing Innovation



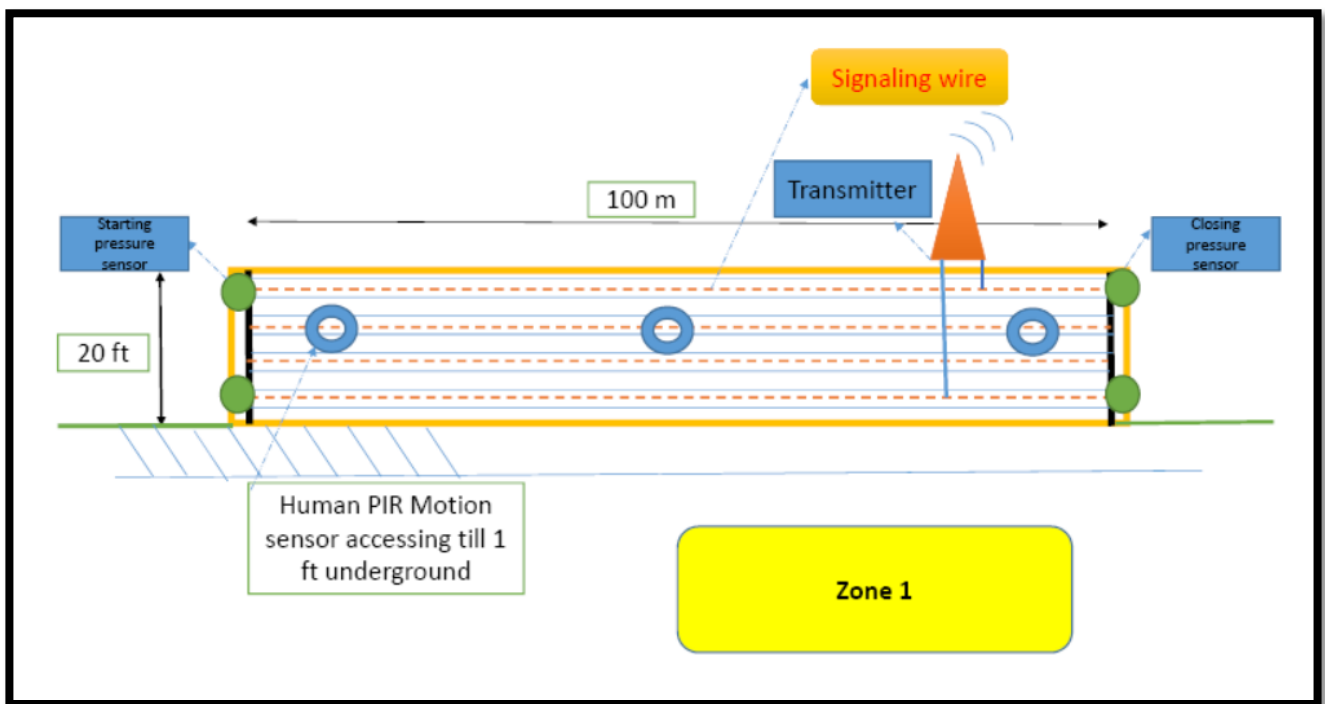
Experience real-time analysis for immediate action



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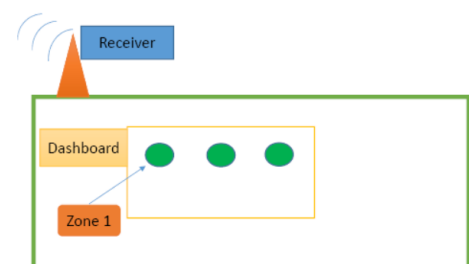
BALAPROTECH Sensing Innovation

BALAPROTECH Sensing Innovation utilizes laser light transmitted along a fiber optic cable and examination of the return design. Not at all like infrared, copper or coaxial based discovery frameworks, BALAPROTECH Sensing Innovation is not helpless to electrical or weather-related impedances and is able to supply continuous observing. The framework is appropriate for perilous mechanical areas where there may be a fire or blast hazard as well as unforgiving situations with extraordinary temperature ranges.



Best BALAPROTECH Sensing Innovation - Fence Perimeter Intrusion Detection

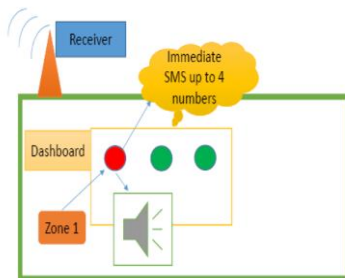
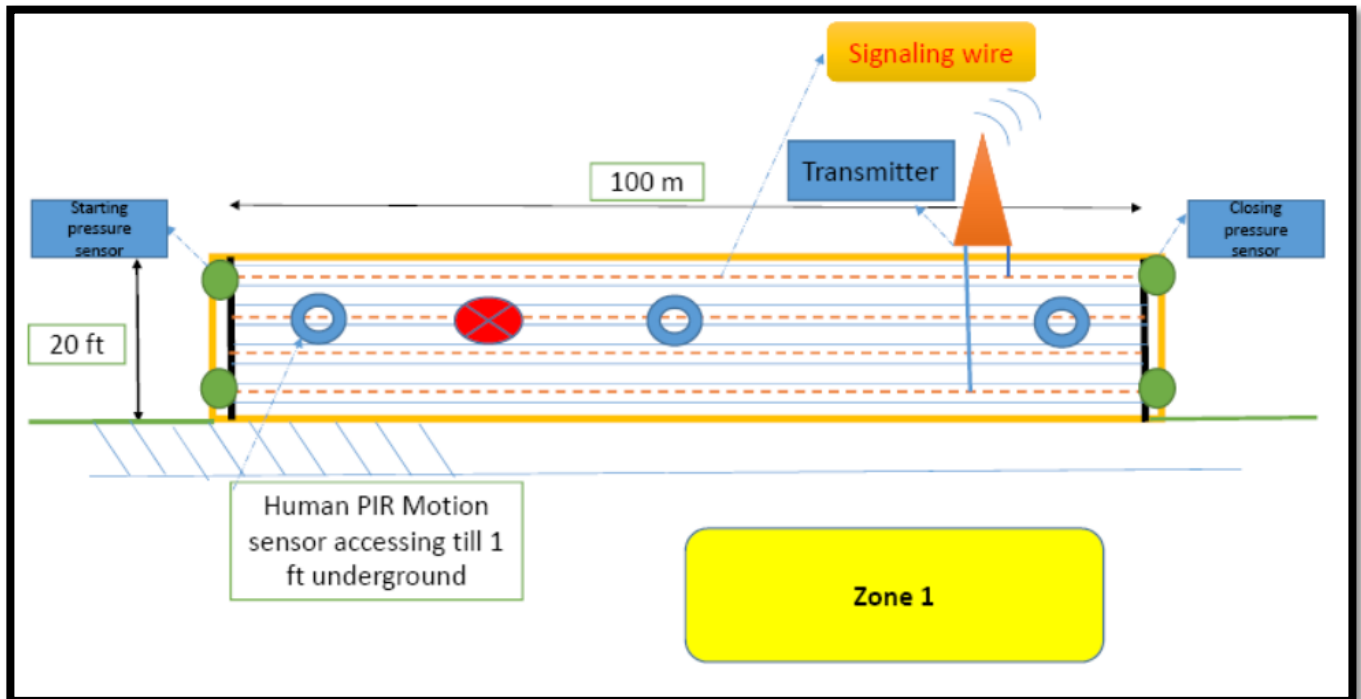
- ❖ BALAPROTECH fence mounted security
- ❖ BALAPROTECH Line buried weight sensors
- ❖ BALAPROTECH Cable robbery discovery
- ❖ BALAPROTECH Tape fence outrigger assurance
- ❖ BALAPROTECH AquaMesh water course security
- ❖ BALAPROTECH OptiMesh divider discovery work



BALAPROTECH Sensing Innovation incorporates an progressed Flag processor Unit , based on either fiber optic sensor cables or fiber Optic based buried weight sensors or Wireless AI based sensors. BALAPROTECH Sensing Innovation works on fiber optic or Wireless innovation to screen for vibration and compression caused by endeavours to climb, creep beneath or cut through a border fence. Ought to an interruption happen or an endeavour at interruption be identified, the BALAPROTECH Sensing

Innovation framework identifies this occasion and create an alert for pick-up by means of a inaccessible checking station

BALAPROTECH is able to detect intrusion on Fencing and walls or buried underground and can be deployed in various site environments such as ;



- Environment using a chain interface Fence
- Environment using welded work fence texture
- Environment using concertina wire fence
- Environment using a metal flame broil structure
- Environment using a edge divider
- Environment using a divider
- Environment which is Buried underground
- Environment which is Submerged / seepage interruption location

Advantages:

BALAPROTECH Sensing Innovation Advantages

- Component Driven Architecture
- Flexibility to scale up and down
- Best Fence Perimeter Intrusion Detection
- IP organize interface
- Volt-free caution flag contacts
- Tall Likelihood of Discovery (Case)
- Simple to introduce and maintenance-free



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- Field repairable employing a join connector
- Perfect for most unfriendly climate situations
- Neighbourhood, territorial and national caution era
- Touchy to cut, climb and a wide range of vibrations
- Profoundly versatile and resistant to tap, alter and attack
- Reasonable for tall security, jail and military applications
- Reasonable for sun powered ranches, oil and gas refineries and pipelines
- Execution unaffected by lightning or electromagnetic impedances
- Moo control utilization and discretionary control supply and battery reinforcement

Closed Circuit Camera with Movement Sensor

Motion Detection Systems

A movement sensor identifies movement and basically triggers an alert in reaction. Movement discovery is an amazing expansion to a security framework. Movement finders can recognize vitality radiated by individuals or creatures (pets). This will either be detached or dynamic recognition but eventually, changes in light concentrated or development will trigger a reaction. Their fundamental utilize is to distinguish interlopers. They are too valuable for other observing purposes.

There are numerous movement location strategies, particularly through the utilize of CCTV movement location frameworks. Clients can increment the bolster and usefulness of their frameworks with applications and programming devices such as fake vision. A great case is movement location OpenCV. Let's take a closer see at the sorts of movement locators.

Types Of Motion Detection Sensors

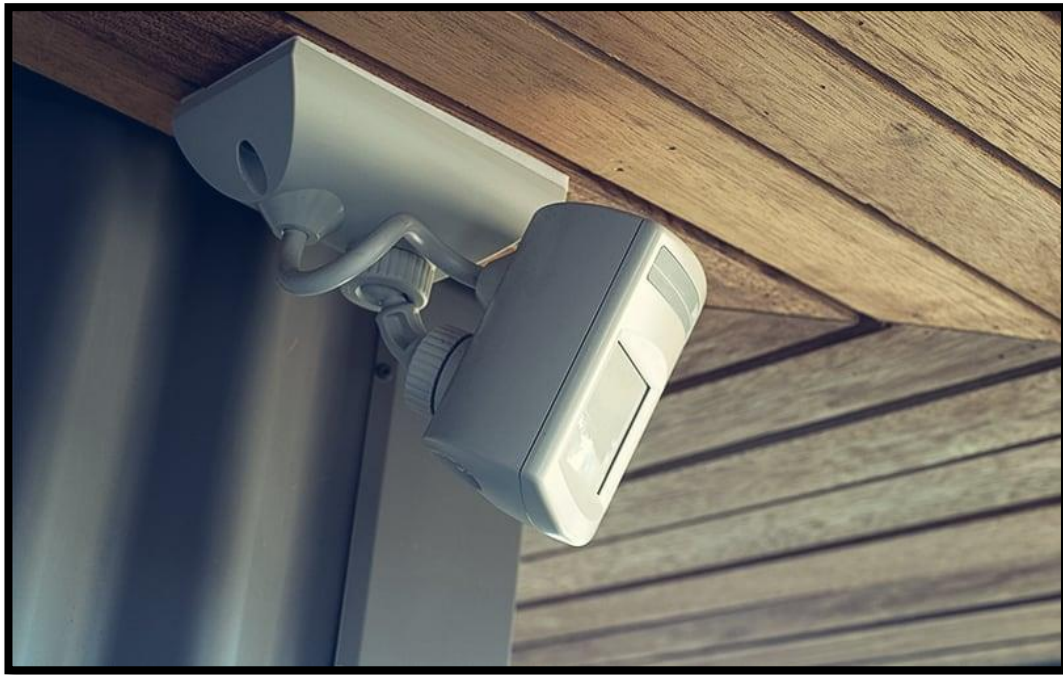
1. Dynamic Sensors

2. Inactive Sensors

3. Photo Sensor

Sensors distinguish vitality radiated by individuals or pets. This will be within the frame of warm or movement. Essentially, not all sensors detect vitality in their environment, within the same way. Usually why there are distinctive sorts of movement sensors. There are numerous movement location strategies and other shapes of vitality location. Let's take a closer see at them.





1. Dynamic Sensors

These sorts of sensors can distinguish dynamic development interior a particular region. At anything point there's any kind of development, a hail is sent by the development location sensor. This will in turn trigger a reaction. These reactions may move i.e. they may be inside the shape of an alert, a light being radiated, or indeed causing a entryway to open or near.

This sort of sensor is based on radar innovation. It is accomplished through ultrasonic sound wave emanations. This sort of sensor can identify movement over a wide extend, making it very compelling.

2. Inactive Sensors

These are commonly known as inactive infrared (PIR) sensors. They ordinarily identify infrared vitality which individuals or pets emanate as heat. It may be a prevalent choice among mortgage holders. It has its benefits, for illustration, it can distinguish whether the vitality radiated is from a individual or pet.

3. Photo Sensor

These are sensors that basically depend on changes in light escalated to distinguish movement. When a person or pet moves, the light escalated will alter and thus trigger a reaction from the control board.

When an interloper tries to induce into a preface with a photo sensor, the changes in light concentrated will trigger an caution.



Do Motion Detectors Have a Use?

An integral component of a motion sensor camera security system is a motion detection sensor. motion awareness When it comes to monitoring and user safety, CCTV cameras are essential. Cameras do have certain drawbacks, too. For instance, unless users are watching the monitors in real time, they might not be aware of danger. In certain instances, danger does not come in the form of a thief, and identifying this may call for additional tools.



The motion detector security system is useful in this situation. They provide a number of motion detecting apps.



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STEP - BY - STEP METHOD FOR INSTALLING YOUR OWN

CHAIN LINK FENCE

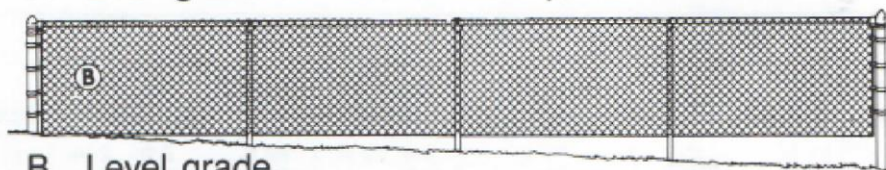


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HINTS FOR ERECTING CHAIN LINK FENCE



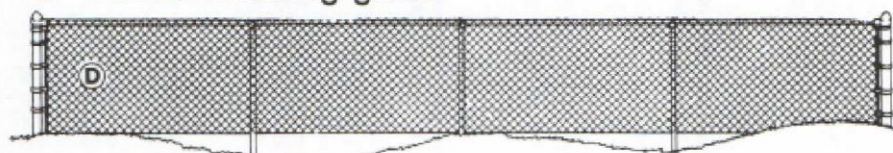
A Even grade between terminal posts



B Level grade



C Fence following grade



D Level grade with rolling terrain

How To Erect Chain Link Fence

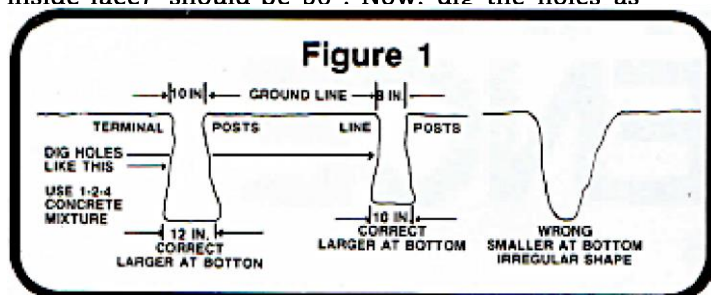
STEP 1 - SURVEY PROPERTY LINES

Be sure that the desired location of fence lines do not exceed property lines. This is very important. We recommend that all posts be set approximately 4" inside of the property line to avoid encroaching on adjoining property with the concrete foundations. This may be done by stretching string or chalk lines on the property line and setting posts approximately 4" inside of them.

STEP 2 - LOCATE AND SET TERMINAL POST

First determine the location of end, corner, and gate posts which are referred to as terminal posts). Distance actual width of the gate to an allowance for hinges and latches. Single walk gates require 33/4" for hinges and latches and double drive gates require 51/2". For example, a 3 foot walk gate should measure 321/4" wide. Adding 33/4" to the width means that the distance between posts (inside face to inside face) should be 36". Now, dig the holes as

WARNING: WHEN DIGGING POST HOLES WATCH FOR AND CHECK OUT ANY UNDER- GROUND CABLE OR PIPE LINES AND CONTRACT YOUR LOCAL UTILITY.



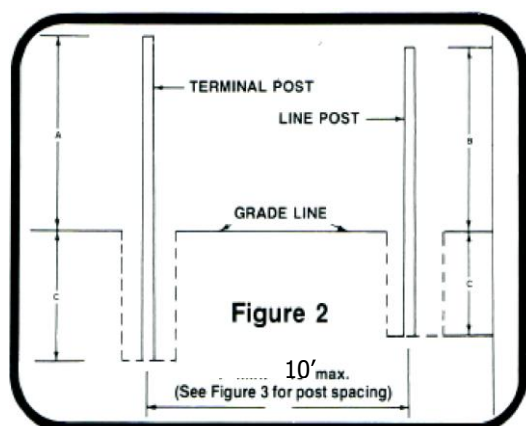
shown below in Figure 1. (To determine depth of hole see Figure 2 - Measurement C.)ween gate posts is determined by adding the

Next, mark all posts with crayon or chalk for the correct height of fence you are installing (see Figure 2 -). Terminal posts should be set 2" higher than the width of the fabric and line posts 2" lower than the fabric width.

Set the terminal posts in concrete using a concrete, mix as follows: 1 part cement, 2 parts sand, and 4 parts gravel. Mix a fairly heavy solution as too much water weakens concrete and may cause cracking. Use a carpenters level to set posts plumb. Crown all post footings for water drainage by sloping concrete away from post.

STEP 3 - LOCATE AND SET LINE POST

Mark the grade line on all line posts measuring from the top down as shown in Figure 2. Then measure the distance between terminal posts and check line post spacing chart (Figure 3 below) for exact distance to allow between line posts.



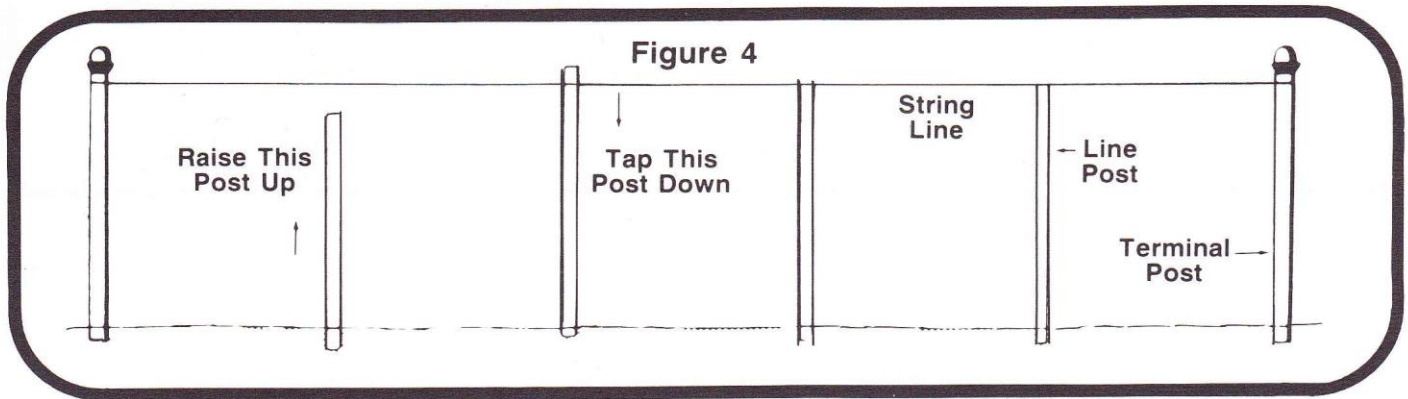
Fence Height	A	B	C
4.0'	44"	40"	*
5.0'	62"	58"	*

*Footing Size C - Depending on soil conditions, minimum footing depth 24" for 4 ft height add 3" depth to every additional 1 ft height over 4 ft. Minimum diameter, 4 times the largest cross section of post



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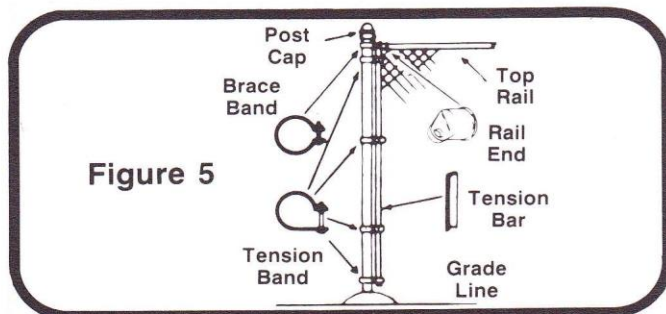
Next, stretch a masons line from outside of terminal posts to outside of terminal posts (be sure the concrete has set up sufficiently so as not to lose plumb). The line post holes should be lined up so that when they are set in the center of their holes, their centers will line up with the terminal post centers. This means the outside faces of the line posts will be about 1/4" inside of the line stretched between the outside of the terminal posts. Now dig the line post holes and set the line posts.



Next, stretch your masons line taut four inches below terminal post tops and use as a guide to align height of line posts (see Figure 4 above). If necessary to adjust height of any post either up or down, simply raise or lower post as illustrated before concrete sets up. Use your level to keep plumb while adjusting post height.

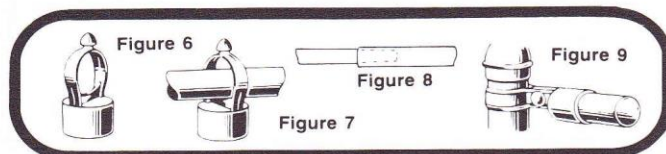
STEP 4 – APPLY FITTINGS TO TERMINAL POSTS

Check material list and fittings identification chart. After the posts have been installed and the concrete allowed to set, slip tension and brace bands on terminal posts. (See Figure 5.) The tension bands should be spaced approximately 10–12" apart. Do not spread or distort bands. All bolt heads for bands are on the outside of fence and the threaded ends are on the inside. Then apply all terminal post caps.



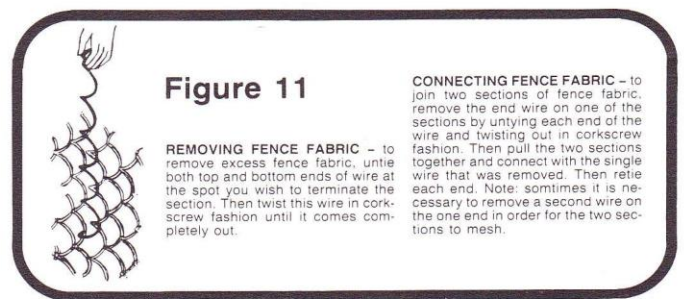
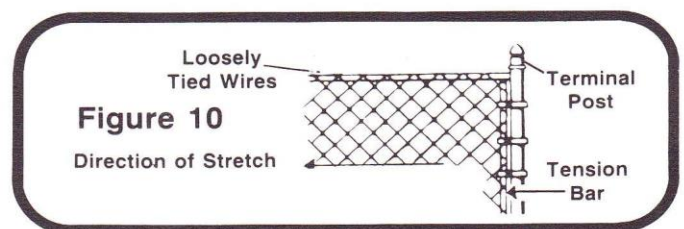
STEP 5 – APPLY TOP RAIL

Next, attach loop caps. (See Figure 6.) They are set with the top rail hole offset toward the outside of the fence making flush the outside face of the top rail through the loop caps. (See Figure 7.) Join the top rail with swedged end where required. (See Figure 8.) End of the top rail fits into rail end fittings on the terminal post. (See Figure 9.)



STEP 6 – HANG FABRIC

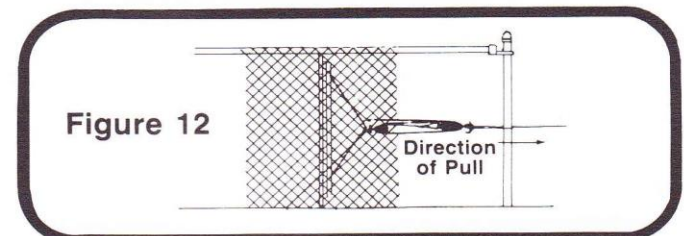
After assembling the framework, unroll the fabric on the ground along the fence line starting at a terminal post. Then slide tension bar thru the last link in your fabric and attach this combination to the terminal post using tension band and bolts provided. (See Figure 10.) If more or less fabric is needed to span the opening, an additional amount can be connected or removed as shown in Figure 11. The fabric should be on the outside face of all posts and loosely attached to the top rail by a tie wire.

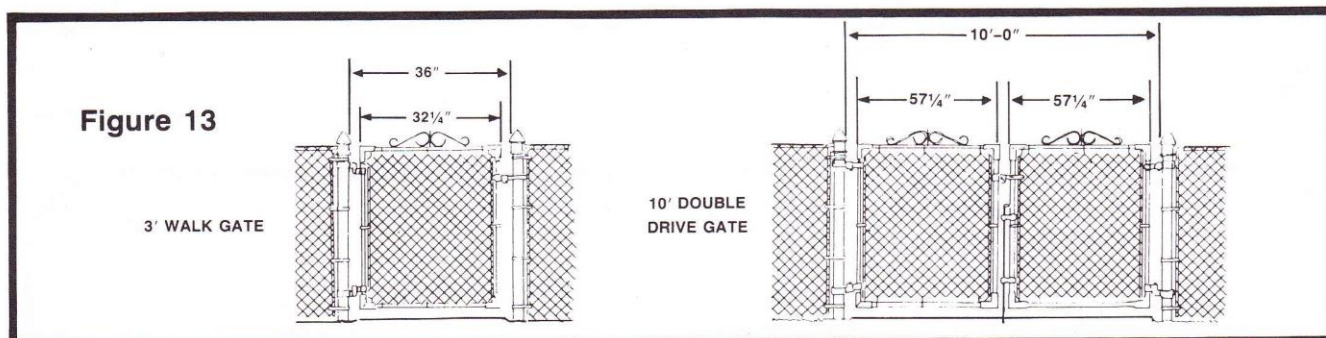


STEP 7 – STRETCH FABRIC

Fabric should be stretched from the terminal post already attached to the opposite terminal post. Insert tension bar in end of fabric and attach fence stretcher to bar (ratchet type power pull, large carpenter's clamps, block and tackle, or similar device may be used. Most wire stretching tools of this type can be rented or borrowed locally.)




















As you stretch the fabric test it for tension (it is stretched enough when it gives slightly). The top of the fabric should be located approximately 1/2" above the top rail to insure proper height. After fence fabric is sufficiently tight, remove the excess fabric as shown in Figure 11, and connect the tension bar to the post with tension bands. Also fasten the fabric to the top rail and line posts with tie wires spaced approximately 18" apart.





STEP 8 – HANG GATES

After the entire fence has been completed, apply male hinges to one of the gate posts, hanging the top hinge upside down thus preventing the gate from being lifted off. Loosely apply female hinges on the gate frame and slip them onto the male hinges that have been installed on the gate post. Set hinges to allow for full swing of the gate and align the top of the gate with the top of the fence. Tighten all hinges securely. Install gate latch for single gates. For double gates, use the same procedure as on walk gates but install center latching device (fork latch).

MATERIALS NEEDED FOR RESIDENTIAL CHAIN LINK FENCE			
PIECES	ITEM—DESCRIPTION	QUANTITY TO USE	
(1)	 Fabric (50 feet per roll)	Divide total footage by 50 and round up	
(2)	 Top Rail Swedged End 1 3/8" or 1 5/8" O.D.	Total footage	
(3)	 Line Post 1 5/8" or 2" O.D.	Divide total footage by 10 and round up	
(4)	 Loop Caps match to post and rail	Use 1 per line post	
(5)	 Terminal Post 2" or 2 1/2" O.D.	—	
(6)	 Tension Bar	Use 1 per end or gate post, 2 per corner post	
(7)	 Brace Band	Use 1 per tension bar	
(8)	 Rail Ends	Use 1 per tension bar	
(9)	 Tension Band	Use 4 per tension bar or 1' per foot of fence height	
(10)	 5/16" x 1 1/4" Carriage Bolts	Use 1 per tension or brace band	
(11)	 Terminal Post Caps	Use 1 per terminal post	
(12)	 Alum Hook Ties	Use 1 per foot of fence—Packaged 100 per bag	
(13)	 Walk Gate (3' or 3 1/2' wide)	—	
(14)	 Double Drive Gate (10' or 12' wide)	—	
(15)	 Male Hinge	Use 2 per walk gate and 4 per double drive gate	
(16)	 3/8" x 3" Carriage Bolts	Used with the male hinge, 1 per hinge	
(17)	 Female Hinge 1 3/8"	Use 2 per walk gate and 4 per double drive gate	
(18)	 3/8" x 1 3/4" Carriage Bolts	Used with female hinge, 1 per hinge	
(19)	 Fork Latch	Needed on walk gates only—1 per gate	
TOOLS YOU WILL FIND USEFUL IN INSTALLING YOUR FENCE			
1. Post Hole Digger		6. Pliers	
2. Wheelbarrow, Shovel and Hoe to mix and transport concrete		7. Fence Stretcher (Block and tackle, ratchet type power pull, etc.)	
3. Tape Measure		8. 1/2" X 9/16" Wrench or Crescent Wrench	
4. Level		9. Hacksaw or Pipe Cutter	
5. String and Stakes or Mason's Line			



Showroom Location :

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West Bengal*

PHONE: +91 - 983 099 4462 / 983 099 9224

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GSTIN : 19AAZCA7848J1ZL

Registered Office :

*64/98/C Khudiram Bose Sarani
Belgachia ,700037*



Government of India
Ministry of Commerce and Industry
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