



PARTAP WIRES INDIA

Product Catalog

FORGING AHEAD WITH INNOVATIONS

G.I. Wire | Barbed Wire | Interlink Chain (Fencing Wire) | U Nails | Binding Wire | H.B Wire
H.H.B Wire | Concertina Coil | Stay Wire | Flattening Wire | Welded Wire Mesh | Gabion Wire Mesh



Company Profile

Relying on our excellent domain expertise & pragmatic approach, we, Partap Wires India Pvt. Ltd., have achieved a leading position in the wire manufacturing industry. Within a short period of time, we have emerged as an incredible manufacturer and supplier of a wide array of best quality industrial wires. Our whole assortment is widely available under the renowned brand name of "Partap Wires". Since our establishment, we have focused on attaining the highest standards of quality in our products and developing it from time to time. Our passion for the best quality has helped us in winning the trust & confidence of our valuable clients.

We are also licensed from BUREAU of INDIAN STANDARD for manufacturing ISI MARKED GALVANIZED WIRE AS PER IS: 280 (mild steel wire for general engineering purposes) for quality materials. Having various applications, our exclusive gamut of wires consists of H.B. Wire, G.I. Wire, Binding Wire, Barbed Wire, Interlink Chain, Gabion boxes, Welded wire mesh, U nails, Flattening wire, Fencing wire, Stay wire, H.H.B Wire, HB wire etc. These products are well known for strong resistance properties against corrosion, unique tensile strength, and durable nature.

Based in Damtal-Himachal Pradesh, the company started its operations in the year 1978. The sole aim of the company is Manufacturing and Supplying the best assortment of Industrial Products. Under the laudable headship and collaborative efforts of Mr. Surjit Mahajan and Mr. Bharat Bhushan Mahajan, we have been able to scale great heights of success in this industry.

Infrastructure

Based over an area of 10 acres all the manufacturing units of the company are equipped with the latest technology required for the production of the Industrial Products relates. We also have sophisticated customized production facility where we meet the varied requirement of the clients. In a bid to develop and fabricate new Industrial Products we have hi-tech Testing, R&D Facilities.

- Machinery : Mechanical processing machines such as wire drawing machines, Hot Dip Galvanised Wire plants, Cold Dip Galvanised wire plants, Barbed wire machines, Annealing Equipment etc
- Production Capacity : 1000 tonnes pm

Quality Assurance

Attaining client satisfaction through the Manufacturing and Supply of quality Industrial Products is the prime motive of the company. Hence, the entire range of Industrial Products is verified for quality on varied parameters thus ensuring only the superlative products are sent to the market.

Leadership Team

We are driven by a team of experienced and highly educated professionals who work relentlessly in offering complete assistance to the customers. The success of the company in this industry is dedicated to the persistent hard of the workforce led by the management.

Concertina Coil

Our business philosophy, coupled with ethical approach, has brought us a long way and thus, we strive to abide by the same principles in the mission we have undertaken to attain our goal. Highly demanded concertina wires are undoubtedly efficient, durable and made of high quality raw material. These wires solve the purpose of security in a number of areas namely commercial grounds, schools, lawns, garden, etc.

We are one of the foremost manufacturers and suppliers of finest quality collection of Concertina Coil. The offered coiled wires are processed with the support of experienced people who use quality assured material & machinery for processing this particular product. These coiled wires are provided in a range of stipulations according to the needs of customers. Our customers can take these coiled wires from us at industry leading rates. We are providing our products in customize sizes.

Features:

- High durability
- Superior finish
- Dimensional accuracy

Gabion Wire Mesh

Gabions are large rock filled boxes made of wire mesh and commonly used as physical barriers for soil erosion control along the sea coast, river banks, ponds, hillsides, roads, railroads, bridges, landfills, mining operations, excavating and general construction projects.

Gabions can also be used to build privacy walls and fences or a variety of functional and decorative landscape projects.



Galvanized Wires

Partap Wires offers G.I. Wires in size range 1.40mm to 6.0mm, of consistent mechanical properties, uniform zinc coating, bright surface finish. These are mild carbon or high carbon steel wires, which are coated with Zinc, so as to impart the base wire with superior properties.

The Zinc coated galvanized wires are highly resistant to Moisture and mechanical damage (than other surface coatings), and have a very bright and smooth surface finish.

Hot Dip Galvanized Wire (G.I.)

With the help of our skilled and experienced professionals, we are recognized as one of the prominent manufacturers, suppliers of Hot Dip Galvanized Steel Wire. Manufactured from Mild steel wire rod, our stocks are popular for their high tear strength, durability and corrosion resistance attributes. Owing to our quality range of Hot Dip Galvanized Steel Wire, we have gained wide appreciation in this domain.

Hot Dip Galvanizing is the process involving passing of wire through a zinc molten bath with the temperature of tank at 850 degree celcius resulting a coating of zinc on wire surface. This coating of zinc provides corrosion resistance on wire and increases the longevity of the product.

- Size range: 1.40mm (17swg) to 5.00mm (6swg)
- Zinc coating: 40-60 gms/m²
- UTS max.: 65 kg/mm²
- Tolerance: 0.05mm (as per requirement lesser is also possible)

Partap Wires offers Hot Dip G.I. mild steel wires in size range 1.40mm to 6.0mm. Zinc Coating varies from 30 gms/sq.mtr to 290 gms/sq.mtr as per IS: 280 -2006 As B.S. or as per buyer's requirement. Zinc Coating is done through Hot Dip Galvanizing process.

Major application areas are in Poultry Mesh Chain Link Fencing, Barbed Wires, Galvanized Fencing Wire, Fine Wire Mesh, Trolleys, Baskets, Stranded Ropes, Stay Wires, Bailing Wires, Telegraph / Telephone Wires, Gabion Mesh Wires etc.

Advantages

- Softness of wire
- Smoothness make the appearance look better
- Shining.
- Uniform coating increases the product life
- Perfect G.I wire ensures double life than any other ordinary galvanized wire available in the market.
- Saving of nearly 10% to customers due to correct size.
- Test certificate.
- Appropriate coil formation increases productivity.





Electro-Galvanized Wires (G.I.)

Established in the year , we are engaged in manufacturing, supplying and exporting of Electro Galvanized Iron Wire. Known for their smoothness, shine and durability, our range is demanded among our clients. Available in different diameters, these iron wires are broadly used as armoring cables, crimped square mesh, wire scrub. We are offering Electro Galvanized Iron Wire to our clients at feasible prices.

We are having continuous wire galvanizing plant which carries out complete process online in a single sequence ensuring best quality product. Online annealing of wire provides more softness. In plating section current is passed through strip which is immersed in an aqueous solution contain zinc particle resulting in zinc coating on wire uniformly. After plating wire is passed through rust preventive solution and carried over a hot plate to remove moisture on wire and rolled into take ups. A visual inspection of coiling and coating is made to ensure good quality product.

Size range: - 0.80mm (21 swg) to 2.00 mm (14 swg)

Specification														
Size mm		1.25	1.40	1.60	1.80	2.00	2.24	2.50	2.80	3.15	3.55	4.00	4.50	5.00
Tolerance mm (+/-)		2.5% for all sizes												
Tensile Strength Mpa		300 - 550	300 - 550	300 - 550	300 - 550	300 - 550	300 - 550	300 - 550	300 - 550	300 - 550	300 - 550	300 - 550	300 - 550	300 - 550
Zinc Coating Gm/Sq. Mt.	Light	40	50	60	60	70	70	80	90	100	110	120	130	130
	Medium	90	90	95	95	105	105	110	120	120	135	135	150	150
	Heavy	180	200	210	230	240	240	260	260	270	270	280	290	290

The Zinc Coating varies from 5 -10 gms/sq.mtr. Zinc Coating is done through electro-chemical processes. The tolerance of theses wires is (+/-) 2.5%. The UTS ranges from 300 to 550 Mpa.

Specifications

- Diameter :- Range 0.37 mm to 5.00**mm.
- Uses :- Welded wire mesh, filters etc

** These are regular sizes that we manufacture. Besides them, we can custom make different sizes and finishes as per the customers' requirement.



Barbed Wires

We are manufacturer of Barbed Wire also known as security wire. These are manufactured using best quality of GI Galvanized wire widely used for fencing in farms and other premises for security purposes.

Barbed wire is actually a wire with series of dangerously pointed pins on it. This type of barbed wire fencing is extremely difficult to cross, since they cut and tear anything falling on them. They are an extremely powerful

protection method in various places apart from farms and battlefields.

From home boundaries to jails, these wires have been extensively used for protection. This type of fencing wire is generally made from iron. These are available in various styles. Some run in a straight line, while others are rounded making a mesh. This type of fencing keeps unwanted wild animals away from animal sheds and fields.

In urban areas it prevents thieves and other antisocial elements from entering homes, buildings, residential and official premises. Barbed wire has always been a very successful option as far as defensive fencing is concerned.

Barbed wire has always been a very successful option as far as defensive fencing is concerned.

- Sharp points
- Proper twisting
- Uniform distance between barbs
- Maximum length due to correct size
- Better rust prevention
- More length gives saving of minimum 10% to customer

Barbed Wire Size Length / Kg

14 x 14	39 Rft/Kg
12 x 14	28 Rft/Kg
12 x 12	20 Rft/Kg
13 x 14	33 Rft/kg

All above wire sizes are fit for Compound Wall, Playground & Agriculture lands.



Chain Link Fencing

The popularity of chain-link fence is due to its relatively low cost and ease of installation. A further advantage is that due to the open weave, chain-link fences are transparent, and do not obscure sunlight from either side of the fence.

If a semi-opaque fence is desired, this can be achieved by the insertion of slats into the mesh. Chain link fencing is widely used as Access Prevention Fencing. Road Fencing Links is used to prevent the unwanted access of animals, peoples & vehicles in bounded area. This is most economical concept in modern fencing.

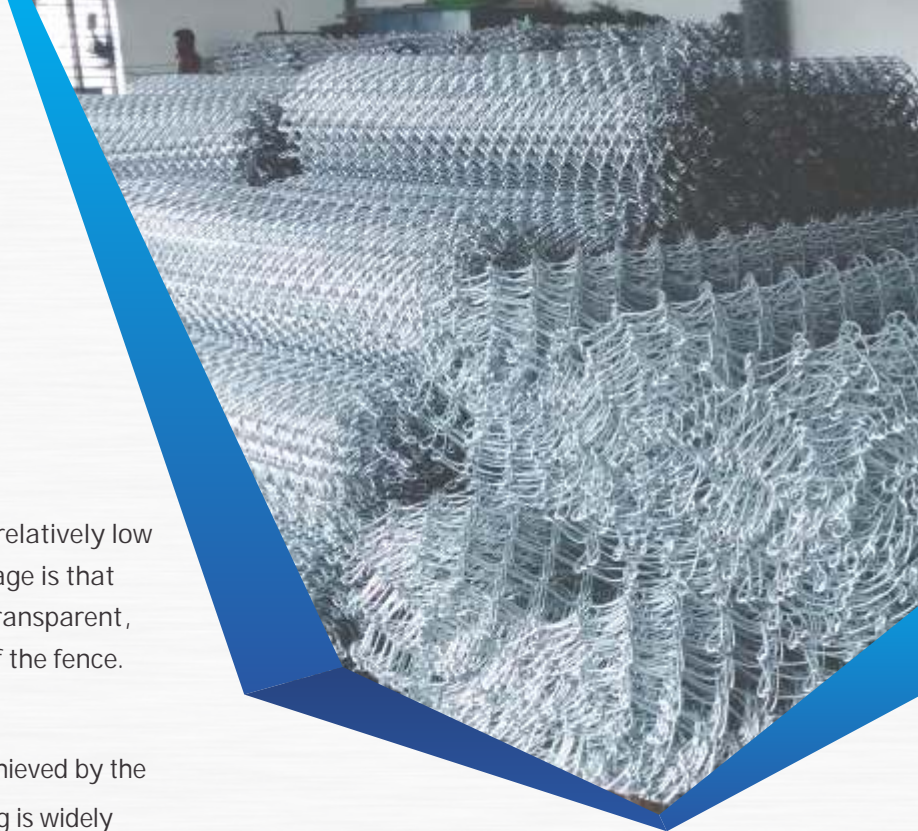
Angle iron posts, pipe posts or wooden poles containing chain link fencing fabric can be easily installed and reinstalled, chain link fencing fabric is a fencing material made of steel wire helically wound and inter woven in such a wanner as to provide continuous mesh without knots or ties except in the form of knockling or twisting the ends of the wires to form the selvage of the fabric.

It is available in various sizes

- 1" hole size
- 1 1/4" hole size
- 1.5", 2", 3" and 4"
- Using 1.60 mm to 4 mm thickness

Features

- Long lasting
- Reasonable prices
- Precise dimensions



Stay Wire

We are offering superior quality Stay Wire that is manufactured using high grade raw material. The range of Stay Wire also undergoes stringent quality control tests to make them free from all drawbacks. We make available Stay Wire at leading prices. We are a prominent Stay Wire Manufacturer and Exporter based in India.

Manufactured Using: GI wires of various gauges like 8, 9,10,11,12,13,14,16 and twisted in to 5 ply, 7 ply or as per customer requirements.

Used for supporting of: Electric poles, Buildings, Dams, Bridges etc.



H.B wire (Hard Black Wire)

We are considered a prominent Hard Black Wire Manufacturer and Supplier in the national market. We manufacture Hard Black Wire using superior quality raw material to impart various beneficial features. Fulfilling the needs of varied industries, the Hard Black Wire have earned huge appreciation from the clients.

Appreciated for:

	Dimension In Gauge (mm):	
■ Durability	■ 06 (■ 11 (2.80 to 3.00)
■ Corrosion resistance	■ 07 (■ 12 (2.45 to 2.65)
■ Fine finish	■ 08 (3.80 to 4.00)	■ 13 (2.20 to 2.40)
■ Precise dimension	■ 09 (3.40 to 3.60)	■ 14 (1.95 to 2.05)
■ Competitive price	■ 10 (3.10 to 3.30)	■ 16 (1.50 to 1.60)



HHB Wire (Half Hard Bright)

We present our customers a wide spectrum of superior quality H.H.B. wire. These wires are manufactured using ultra tech equipments to ensure that the high standards are maintained throughout till it is delivered to our customers. Our half hard bright wire is made from some fine quality and pure raw material to ensure that they have a high durability and are resistant to the toughest of situations. We have been supplying our wires world over and in recent years have become one the most reliable suppliers of half hard black wire from India. Our wires are comfortably available in the market at the most competitive prices.



Binding Wire

We are a reliable name when it comes to Manufacturing and Supplying excellent quality Mild Steel Binding Wire. The demand for the Mild Steel Binding Wire offered by us is also very high in the domestic markets. Highly skilled technicians ensure Mild Steel Binding Wires are verified for quality before being sent to the market. Avail from us the Mild Steel Binding Wire at economical prices.

Size In Gauge (MM)

- 18 (1.10 to 1.25)
- 20 (0.85 to 1.03)
- Or as per Customer requirement



Black Annealed Wire

Annealed Wire is made of carbon steel wire, used for weaving, baling in general. Applied for home use and the construction.

Annealed wire is obtained by means of thermal annealing, endowing it with the properties it needs for its main use - setting. This wire is deployed both in civil construction and in agriculture. Hence, in civil construction annealed wire, also known as "burnt wire" is used for iron setting. In agriculture annealed wire is used for bailing hay.



ANNEALED WIRE FOR CIVIL CONSTRUCTION:

The annealing of bare wire (wire which has simply been drawn) can be carried out in batches (bell-type furnace) or in line (in-line furnace).

Annealing is intended to return to the wire its ductility which it had lost during drawing. Annealed wire is stored in coils or spools of a varying weights and dimensions depending on the purposes for which it is intended and the needs of clients. The product does not usually have any type of protective lining, paper or plastic.

We offer two kinds of annealed wire, bright annealed and black annealed wire. Black annealed wire gets its name from its plain black color.

Wire Materials: Iron wire or carbon steel wire.

Soft annealed wire offers excellent flexibility and softness through the process of oxygen free annealing.

Uses: Black annealed wire is mainly processed into coil wire, spool wire or big package wire. Or further straightened and cut into cut wire and U type wire. Annealed wire is used as tie wire or baling wire in building, parks and daily binding.

Packing: Spools, coils.

Wire Diameters: Similar to galvanized iron wire, from 5mm to 0.15mm (wire gauge 6# to 38#).

Stitching Wire

Stitching wire is supplied in flat wire or round wire, normally electro galvanized or hot dipped galvanized.

We have spent time developing our stitching and baling wire products in the stitching, baling, and binding wire industry.

We are a full service wire facility and offer over 150 sizes of flat stitching wire and round stitching wire, baling wire, stapling, and bookbinding wire in a variety of alloys and finishes.



Black Iron Wire

We offer black iron wire as one of the most economic wire materials for wire mesh weaving, welding, binding, and other uses.

Wire Material: Carbon steel wire.

Color: Plain black.

Treatment: Plain oil painted.

Forms available: Coil wire, spooled wire, big package wire, U type wire, cut wire, etc.

Sizes: Various wire diameters





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