



DURGA TECHNO INDUSTRIES

Your Idea Our Innovation

An IMS Certified Company

ISO 9001:2015, ISO 14001:2015,

ISO 45001:2018





Quality is more Important than Quantity. ...

Introduction

Durga Techno Industries has IMS Certified Companies (ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018) its Head Office located in the commercial Hub of Kolkata that offers a wide portfolio of products, which are manufactured under one roof

Durga Techno Industries is an unit of Durga Trading Company which has made and supplied the complete range of Erection Hardware for application in Electrical and Instrumentation systems for last 30 years.

Durga Techno Industries has IMS Certified Companies (ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018) its Head Office located in the commercial Hub of Kolkata that offers a wide portfolio of products which are manufactured under one roof. Our workshop situated at NH 16, Dhulagarh, Howrah which is well connected with the Kolkata.

Durga Techno Industries has a workshop spreading over a 28000 Sq. ft area and open area of 8000 Sq. ft in the mid of proper greenery and water body to keep the eco-friendly environment which is fully owned. We are equipped with fully automatic Cable Tray Roll forming Machine along with modern fabrication & welding facilities.

This range essentially includes Cable Support System like Cable Tray, Junction Box, Electrical Control Panel, Earthing Pipe, Earthing mat, Transmission/Telecom Tower, Foundation Bolt, Solar Lighting Pole & Various kind of sheet metals and structural fabricated product works, which are manufactured under one roof.

Durga Techno Industries is engaged in making high performance products under the motivating leadership of Mr. Uma Sankar Ghosh & Mr. Uday Ghosh. **Durga Techno Industries** is consistently creating higher benchmark in quality and is aiming to crossing new mile stone in customer satisfaction.

Vision

To ensure that our products and services reflect the highest standards of quality which serve our customer and produce cost effective solution that ensure safety & durability and make a significant contribution in the growth of our Nation.

Quality Policy

Durga Techno Industries will strive to meet the divergent needs of customers and delight them by consistently providing a rapid response to their need. The above shall be achieved by establishing a Quality Management Systems through involvement of our entire team & vendors. It shall be our endeavour to continuously improve the quality of our services and products to match the best and latest in the industry.



Core value

- Create values in all our dealings.
- Walking extra miles to delight our customer
- We upgrade regularly by leading edge innovation.
- We accept responsibility for all our action.

Core Purpose

We partner our client by leveraging through our innovating products there by enhancing their profitability & performance



Our Speciality Cable Tray

(Perforated/Ladder Type & GI/Hot Dip GI)

Designed for robustness in long-span applications, Durga Techno Industries make Cable Trays are available in various dimensions i.e. length, width, height and thickness, as per precise customer requirements. And they are available in different Material of Construction like Steel, Aluminum and Stainless Steel.

For Cable Trays made from Steel, customers have a choice of material finish to select from; they come in Painted, Powder Coated, Pre-galvanized and Hot Dip Galvanized varieties. Furthermore, Durga Techno Industries offers you Hot Dip Galvanized Cable Trays as per IS 4759 and 2629 Standards

We also supply the complete set of accessories including vertical & horizontal bends, inside & outside bends, reducers and tees.

To complement its Cable Tray offering, Durga Techno Industries supplies versatile Support Systems. Compact design, superior performance and attractive pricing are the key strengths of the Cable Trays are known for. These are best suited for multipurpose applications in Electrical, Instrumentation and Mechanical Systems.

Perforated Cable Tray

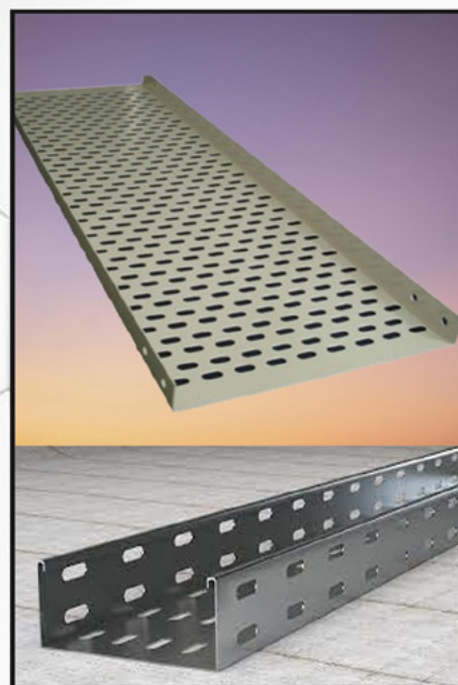


Our Perforated Cable Tray are in high demand due to usage of high quality raw material which enhances life of product in all weather conditions, these technically advanced products are specially designed to satisfy requirements of our esteemed clients.

Perforated Cable Tray are fabricated of Single Sheet Steel conforming to IS 1079:1973/IS 513:1994 in various thickness of 1.6mm, 2.0mm, 2.5mm & up to 3mm. Perforated Cable Tray are available in standard width of 50mm, 100mm, 150mm, 300mm, 450mm & 600mm and in standard length of 2500mm & 3000mm. If other than the above mentioned width are required the Tray are fabricated as per the specification of customers/Customers consultation.

Typical Specification of Perforated Cable Tray (MS & Aluminium)

Standard Length	2.5 Mtrs to 3 Mtrs
Perforation	Slots 10 mm x 20 mm Width wise: 10mm Gap Length wise: 20mm, 30mm, 40mm CC
Tray Width (W)	50mm, 75mm, 100mm, 150mm, 200mm, 300mm, 450mm, 600mm (or any sizes per requirement)
Tray Height (H)	20mm, 25mm, 40mm, 50mm, 75mm, 100mm (or any height as per requirement)
Tray Thickness (TH)	1.6mm, 2mm, 2.5mm & up to 3mm
Types of Raw Materials	Mild Steel, Aluminium
Finish	Hot dip Galvanize, Electroplated Powder Coated, Epoxy Coated, Enamel Painted & Aluminium painted.



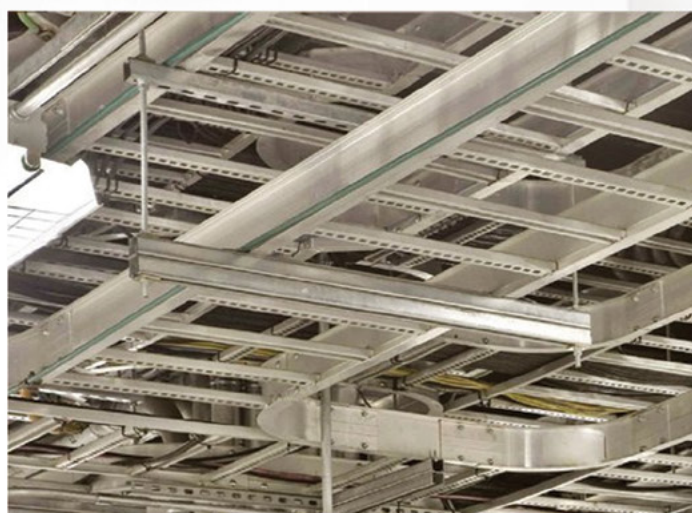
Ladder Type Cable Tray

Ladder Type Cable Tray are used to distribute cable and has been designed carefully keeping in mind industrial requirements. These trays are manufactured using top quality material and are available in various sizes. We can offer customized solution for all the products.

With Sheet Steel (MS/GI Sheet/Aluminium)

These type Cable Tray are fabricated out of Steel Sheet & Aluminium Sheet conforming to IS 1079:1973, IS 513:1994 & IS: 737:1986 with a thickness of 1.6mm to 3mm.

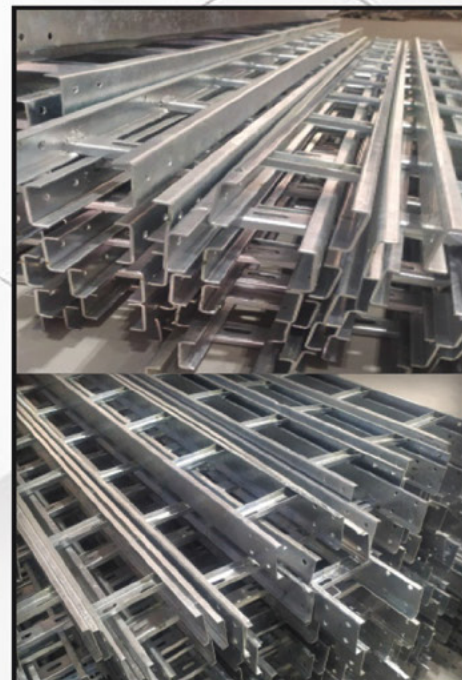
This cable tray are of standard length of 2500mm for C=various width-minimum being 150mm width and maximum 1200mm wide. Slotted rungs are welded to the side runner at every 250mm or 300mm interval. At both ends of cable trays, three or four circular holes are provided for connecting the adjacent cable trays or accessories by coupler plate.





Typical Specification of Ladder type Cable Tray (MS/Aluminium)

Standard Length	2.5 Mtrs to 3 Mtrs
Runner Height (H)	50mm, 60mm, 75mm, 100mm & 120mm
Runner Coller (C)	15mm, 20mm, 25mm & 30mm
Rung Size (S)	25mm x 15mm, 35mm x 15mm, 40mm x 20mm, 50mm x 20mm as per choice
Tray Thickness (TH)	1.6mm, 2mm, 2.5mm & up to 3mm
Welding for MS	C-Type Arc Welding
Welding for Aluminium	C-Type Tig Welding
Rung Slot Size	10mm x 20mm, 10mm x 30mm with spacing 10mm, 15mm or as per choice
Rung Spacing	250mm/300mm interval
Finish	For MS: Hot dip Galvanize, Electroplated Powder Coated, Epoxy Coated, Enamel Painted & Aluminium painted. For Aluminium: Costic Soda wash
Model	C-Type, Z-Type, L-Type



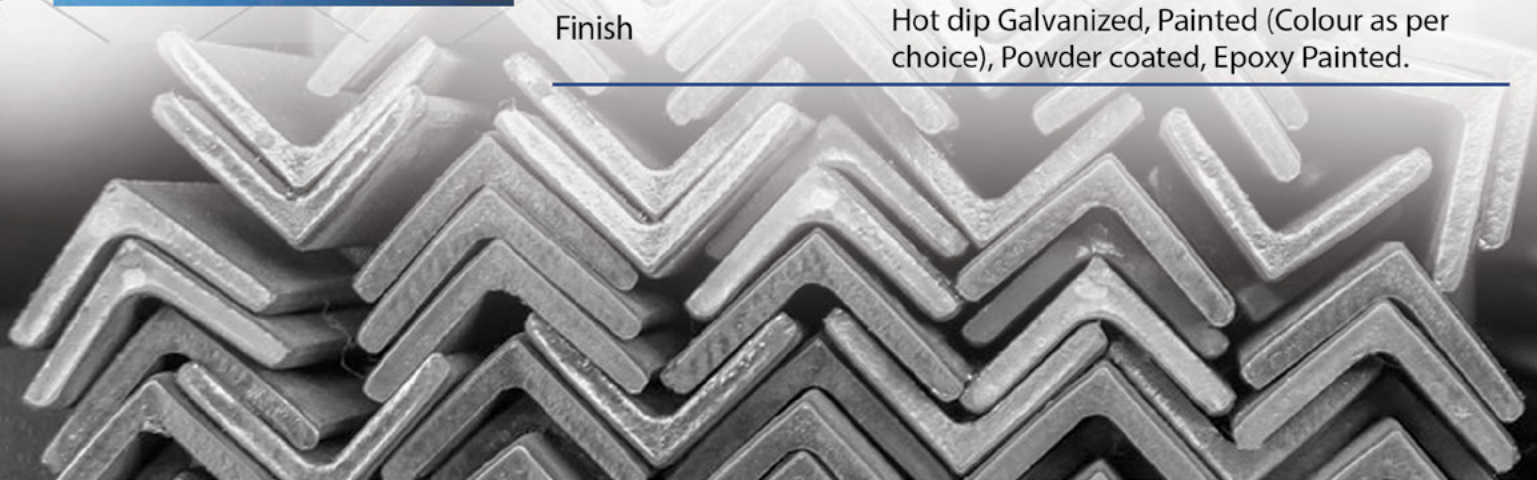
With Angle & Flat (MS/GI)

Ladder type Cable Trays are fabricated of MS Angle (ISA) conforming to IS 2062:1992. MS Angle are used as Runner and MS Flat as Rungs. Rung spacing is 250mm for 2500mm length cable Trays and 300mm for 3000mm length. Rungs can be provided single/double as per customer choice. Double with a cap of 10mm for clamping cable.



Typical Specification of Ladder Tray with MS Angle & Flat

Standard Length	2.5 Mtrs to 3 Mtrs
Width (W)	150mm, 300mm, 450mm, 600mm, 1000mm (or as per customer choice)
Runner (R)	50mm x 50mm x 6mm and 65mm x 65mm x 6mm
Rung Size	25mm x 3mm, 35mm x 6mm, 32mm x 6mm.
Rung Spacing	250mm, 300mm interval (Double rung for botling as per customer specification) 2.5mm & up to 4mm
Finish	Hot dip Galvanized, Painted (Colour as per choice), Powder coated, Epoxy Painted.



Cable Tray Accessories

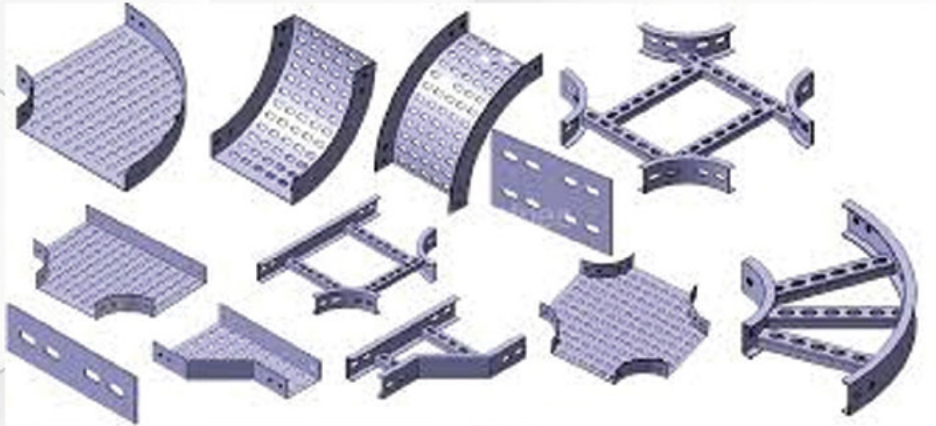


Our company is widely known for developing the finest range of Cable Tray Accessories, which are constructed from the finest stainless steel and galvanized iron. These are thoroughly tested erified before making available in market. The equipments are corrosion resistant and have immense tensile strength. We make these accessories in standard as well as in customized designs.

Type of Bends: Horizontal, Vertical (Insde/outside), Tee (Equal/Unequal), Crosses, Reducer.

Radious: 300/400/600/1000mm or as per the choice of Customers.

Degree: 30°, 45°, 60°, 90° for bend.



Cable Raceway

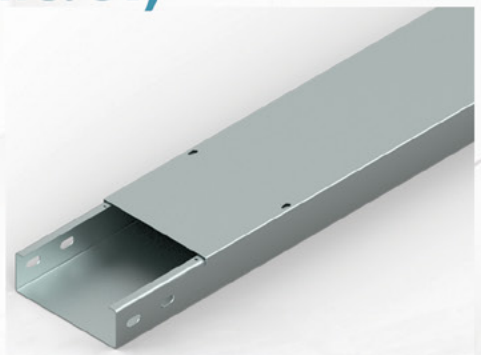
Durga Techno Industries offer perfect solutions for Networking wiring management systems.Contemporarily designed and affordable, the race ways are functional for wire enclosure applications in commercial, industrial and residential environments.

Scope-These raceways are installed in schools, hospitals, offices, warehouses etc. because they maximize system performance without costly system. Cable Race ways are manufactured in Single, double or triple compartments, Triple Compartments are normally designed to distribute power, data and voice cables in separate compartments. The Scope- installation of under floor or under ceiling covered cables and networking cables requirements in I.T sectors and other industries.

The high performing cable race ways are made using Mild Steel IS 1079, Pre-Galvanised Sheet.

Typical Specification of Raceway (MS/GI)

Standard Length	2.5 Mtrs to 3 Mtrs
Width (W)	75mm to 600mm (or as per customer choice)
Height (H)	50mm to 100mm (or as per customer choice)
Thickness (TH)	1.6mm to 3mm
Finish	Hot dip Galvanized, Painted (Colour as per choice), Powder coated, Epoxy Painted.



Solar Lighting Pole

Solar High Mast Lighting Systems are usually found to be installed at places like ring roads, highway junctions, bypass intersections, and those places with a huge area of coverage that needs to be illuminated

(For Example – Airport). A mast is created by cutting and folding the mild steel plates to form a polygonal section. To maintain a clear access, a door is provided at the base of the mast, which is again made resistant to adverse weather conditions by applying heavy duty lock gussets between the bolt holes. The mast forms a sleeve joint, once it is stress fitted at site supplied in sections.

Our Solar High Mast Pole ranges from 9-50 meters and it bears a simple and effective winching system which allows the lighting ring to be lowered to ground level for maintenance of the lantern.

At Our factory, the equipment involved in constructing the Solar High Mast Poles are manufactured and designed in India within a quality management system that complies with ISO 9001:2015. After fabrication, the high mast pole undergoes a Hot Dip Galvanization. The galvanization is conducted, internally and externally, in accordance with ISO 14001:2015.



Hot Dip Galvanized Foundation Bolt

Foundation bolts are mainly used in pre-engineered buildings manufacturing, fastening heavy machines to foundations, and construction. They are also used in process-based businesses like petrochemical, sugar, and FMCG manufacturing. It is mostly used for industrial purposes and therefore made with heavy duty stainless steel or carbon steel.



Electrical Segment Junction Boxes/Distribution Box



Durga Techno Industries offers an extensive range of Junction Boxes and Industrial Enclosures for industrial applications with a vast number of configurations and sizes. It is available with a range of durable cover options with features such as SS Hinges, Brass Hinges, Padlocks and windows. Enclosures can be Mild Steel, Stainless Steel. The Junction boxes can be designed to give extreme protection all the way upto IP66. Designed to enclose electrical or electronic components and equipment and protect against adverse environmental or industrial conditions.

We have been designing and manufacturing panel boards as per clients requirements and specifications for last several years and have necessary experience and expertise. We have trust worthy and devoted engineering team to design these panels without any outside assistance. We have sophisticated and modern machinery and equipment for cutting, bending, punching etc.

Welding being very important aspect of these panel boards fabrications, we have been maintaining very experienced welders and skilled labourers who are customized with the day to day affairs of this section. We have specialized engineers in designing and carrying out wiring of the panel boards.



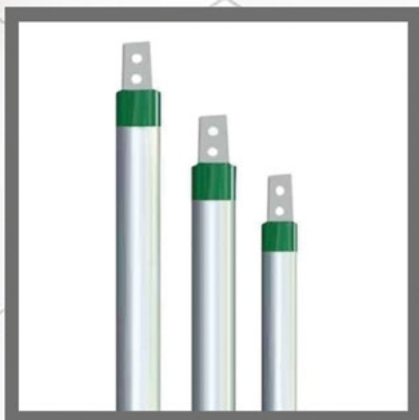
Earthing Materials

We aim to make human life safer through our wide range of Earthing Devices that protect them from lightning and electric shocks. An ISO 9001:2008 Certified Company. We, Durga Techno Industries is a complete solution for presenting an international series of highly conductive and corrosion free earthing system as well as lightning protection systems. We are a progressive manufacturer, of Electrical Earthing Materials like GI Earth Pipe, GI Earth Electrode & GI Lighting Arrester.

We are also wholesaler/distributor, supplier and trader of GI Wires, Stay Wires, Copper Earth Strips, Earth Plates, Earth Wires, G.I Flats, GI Earth Strips, Aluminum Earth Strips, etc. These products are durable, reliable, and can be easily installed. From the time of inception, we are committed to ensure complete safety to our esteemed patrons, who ranges from domestic to state and state to national level.

Earthing Pipe

We are one of the most prominent manufacturer and supplier of an extensive range of GI Earthing Pipe. Our range finds application in various industries such as the automobile, engineering, electrical and many others. We offer these in various sizes and specifications, which can also be customized in accordance with the client's requirement. Our range is offered at economical prices.



GI Lighting Arrester

We are considered in the market to be one of the finest manufacturers and suppliers of this GI Lightning Arrester. Manufactured in compliance with the set industrial norms, the offered product quality never deteriorates. The raw materials and modern technology used in its making give it a long life and commendable functionality.



Earthing Electrode

We are the Prominent & Leading manufacturer and supplier from Kolkota. We manufacture Chemical Earthing Rod And Electrode using superior quality raw material which is widely used in the market. Our GEL Earthing is the most effective product for earthing. Earthing is of utmost importance. Lack of earthing may cause damage to life and equipment. We also offer Earth pit Cover, Backfill Compound, Chemical Earthing, and many more items.



Earthing Flat



We are a topmost organization offering GI Earthing Flat to our clients. This GI Earthing Flat is manufactured by using the best quality raw material. This GI Earthing Flat is reliable and is able to bear effects of high temperature and pressure quite easily.

Features

- Affordable Price
- Anti-Corrosive
- High Performance
- Low Maintenance

Specifications

- Width : 25mm to 100mm
- Zinc Coated m2: 400g/m2-700g/m2
- Thickness: 3mm to 10mm
- All Size in Earthing FLats are Hot Dip Galvanized as per IS 4759 - 2629

Hot Dipped Galvanised Strips / Flats

These are available in galvanisation of 90+ microns

The typical / standard sizes available are

Width	Thickness	Kg/Mtr	Mtr/Kg
25mm	3mm	0.59	1.695
25mm	6mm	1.18	0.847
32mm	6mm	1.51	0.662
40mm	6mm	1.88	0.532
40mm	10mm	3.14	0.318
50mm	3mm	1.18	0.847
50mm	6mm	2.36	0.424
50mm	10mm	3.93	0.254
65mm	8mm	4.08	0.245
65mm	10mm	5.10	0.196
65mm	12mm	6.12	0.163
75mm	6mm	3.53	0.283
75mm	8mm	4.71	0.212
75mm	10mm	5.89	0.170
75mm	12mm	7.07	0.141
100mm	6mm	4.71	0.212
100mm	10mm	7.85	0.127

Earthing Item : Earth Mat

An Earth Mat is a mesh formed of bare metallic conductors and buried in shallow soil to provide better safety from touch and step potential. Earth mats are a part of the grounding system implemented in substations, production plants, industrial areas, etc., where high power handling occurs. More efficient grounding methods are required in these places as they deal with high current values. We rely on Earth mats that are the best electrical solutions with a safer grounding technique in such situations. The ultimate aim of earthing is to provide human and equipment safety in a fault situation, this has a greater significance in places like substations industries, hospitals, etc.





Substation Structure

■ RAW-MATERIALS OF OUR PRODUCTS :

- Generally we use M.S./Alluminium Sheets, Structural Forms viz. Angles, Channels, Beam, Plates, Flats, Rounds...etc. Zinc, Primers & Paints. All these we purchases from the reputed manufacturers/traders with required Test Certificates.

■ Finish:

- Generally we supply our products with the finish of Hot Dip Galvanized, Primer coated, Enameled paint coated OR Epoxy paint coated.

■ Inspection:

- A simple physical and laboratory tests to be conducted on the random selected samples with the following steps as per the requirements.
- Visual Check Test.
- Thickness of zinc coating Test as per IS-6745/IS-4759/IS-3203.
- Uniformity of Zinc coatings Test as per IS-2633.

■ Utility:

- Our products being used by Power Plants, Cooling Tower Manufacturers, Railways, Refinery Projects, Fertilizer Industries, Cement Factories, Petrochemical Projects and Large Scale of Industrial Units.

■ Galvanizing of Sub Station Structure

- Substation structures like transformers, lightning arrestor, beams etc are always out in the open surroundings and they can easily get corroded with wear and tear. In order to protect them galvanization is absolutely essential. We hold the expertise in galvanizing all kinds of substation structures at minimal possible costs. We finish all the work on promised deadlines and quality standards are purely top notch.



Fencing & Fencing Post

We are a distinguished manufacturer and supplier of a wide range of Fencing Angle. Highly used for constructing boundary to provide high security, these angles are widely preferable in Farm boundaries, Industrial and household areas as well. Offered angles are manufactured using the latest technology and superior grade raw materials under the guidance of our talented professionals. The Fencing Angle is available in various lengths, thicknesses and can be customized as per the choice of our valuable clients. We make Fencing Angle in MS and in Galvanize material also.

Features:

- Impact proof
- High strength
- Corrosion resistance
- Withstand adverse conditions



Chain Link & Barbed Wire



" Durga Techno Industries is the name, which is reckoned with conviction for manufacturing and supplying an assorted range of products. Our range includes Concertina Wire, Barbed Wire, Wire Mesh, Chain Link Mesh, Chain Link Fencings, wire Fencings and various others. Quality is given top priority along with ethical business practices which are the crucial virtues followed by our organization. This range of products are brought to our esteemed clients after passing through stringent quality control checks . "

GI Chain Link Fencings

We are counted amongst the recognized manufacturers and suppliers of GI Chain Link Fencings are used in various places such as playgrounds, railway stations and gardens. The product we offer has a good finish which makes it durable and resistant to corrosion. These fencings made from top grade galvanized iron also do not break easily.



PVC Coated Chain Link fencings

The PVC Coated Chain Link fencings that we offer have made us a prominent manufacturer and supplier based in Kolkata, West Bengal. The fencings are easy to install and require little or no maintenance. Made from good quality raw materials these sturdy and strong fencings are not only resistant to rust and corrosion but also resistant to all elements of the weather.



Concertina wire Fencings

From Kolkata, West Bengal, we are a principal manufacturer and supplier of Concertina wire Fencings. These concertina fences are much in demand for their excellent quality, durability and longevity. The wires are not only sturdy and strong but also resistant to rust and easy to install. Quick turn around on all orders is assured. We offer the best market rates on this product.



Galvanised Iron Wire Fencings

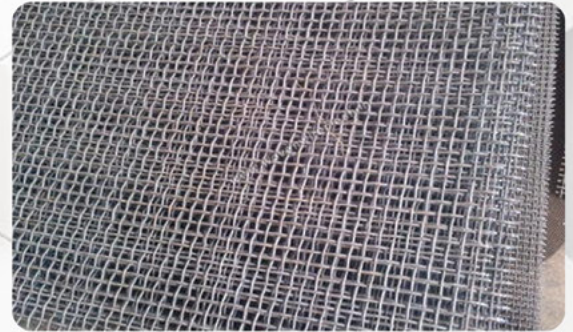
We are a capable supplier and manufacturer of Galvanized Iron Wire Fencings based in Kolkata, West Bengal. These fencings are not only of superior quality but also have an excellent finish to make them durable and long-lasting. These fences are used in welding applications and various other industrial uses. We offer these fencings at the most reasonable prices, especially for large orders.





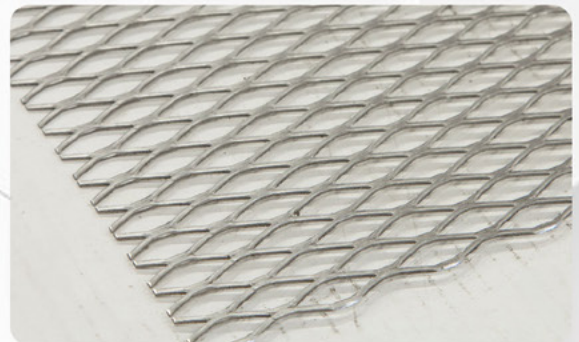
Spring Steel Wire Mesh

We are reckoned among the top few suppliers and manufacturers of Spring Steel Wire Mesh based in Kolkata, West Bengal. These screens come with an engine which enables the vibrating action. These screens are used in various industrial applications. The screens are offered in different sizes. The angle of throw and amplitude of these screens can be modified to suit customer requirements. The screens are efficient and easy to clean.



Expanded Metal Sheets

From our unit in Kolkata, west Bengal we have emerged as a vital manufacturer and supplier of Expanded Metal Sheets. The expanded metal sheets that we offer, comes in the form of a fabricated lattice and is much in demand for its good resistance to heat and corrosion. We ensure that good quality metals are used to make this product the best quality product available in the market.



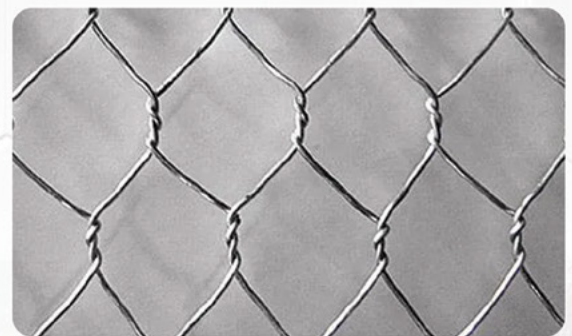
Barbed Wire

we are a leading manufacturer and supplier of Barbed wire based in Kolkata, West Bengal. These Wires are commonly used as part of security fencing in homes, processing plant and on government controlled land such as Airports. Being resistant to rust and corrosion the wires are long lasting and light-weight. This product is manufactured in line with customer specification and requirements.



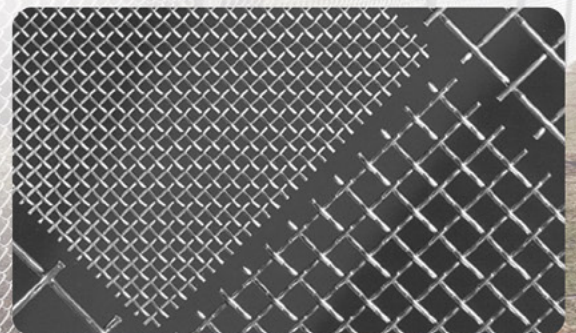
Chicken Wire Mesh

We are a main manufacturer and supplier of Chicken Wire Mesh based in Kolkata, West Bengal. This mesh is used in making poultry cages, for securing children's play areas and in a number of horticultural uses. The light weight and durable netting or mesh is much in demand for its rust and corrosion resistant properties. This mesh can be tailored to meet customers requirements.



Welded Wire Mesh

We are counted amongst the famous manufacturer and supplier of Welded Wire Mesh based in Kolkata, West Bengal. The mesh we offer comes in different sizes. Also, the wires that are used to make this mesh vary in diameter to meet all customer requirement. The good industries and for various commercial applications. These are also available in MS, SS, GI etc.



WORKSHOP



CERTIFICATES

Durga Techno Industries an IMS Certified manufacturing organization. We strive to ensure continual improvement in our Manufacturing Quality Plan (MQP) and immaculate Project Planning to ensure timely delivery and cost control.

Our Quality Objectives:

Conforming to Drawing Tolerance as per IS: 1852

Conforming to Delivery time Schedule

Conforming to Welding Guidelines as per IS: 816, AWS DI.I

Conforming to Engineering Fabrication Guidelines as per IS: 2629

Conforming to Materials Chemical composition as per IS :2062/2011

Conforming to Proper documentation System as per ISO 9001:2015

Conforming to Environment Management System as Per ISO 14001:2015

Conforming to Occupational Health & Safety Management System as per ISO 45001:2018

ISO 9001:2015



ISO 14001:2015



ISO 45001:2018



Our Valuable Customers :



Our End User :



सेंट्रल कोलफिल्ड्स लिमिटेड
Central Coalfields Limited
(A subsidiary of Coal India Limited)





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Plant:

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