























About Us.

Founded in November 2015, Global Protection Industries operates a state-of-the-art manufacturing facility dedicated to the production of a diverse array of Steel Wire Mesh Gabions.

Under the leadership of Mr. Neeraj Sahay, the Managing Director, the company is committed to providing world-class Wire and Geosynthetic products and services. Our mission is to empower owners, consultants, and contractors to design and implement dependable, cost-effective, and easily constructible solutions tailored to a wide range of geotechnical, infrastructure, hydraulic, and environmental challenges.

Our flagship manufacturing facility is strategically located in Pune, approximately 150 km from Mumbai, and benefits from exceptional connectivity via road, rail, and maritime networks.

In addition to our main facility, subsequently, we have introduced two supplementary manufacturing units: one in Gujarat (near Ankleshwar) and another in Guwahati, Assam. This strategic expansion enhances Global Protection Industries' capability to meet customer demands effectively and ensures timely product delivery.

Our Gabions and DT Mesh products are certified to BIS 16014 standards, and we maintain a fully equipped in-house testing laboratory dedicated to the evaluation of Gabion wire and mesh. With an impressive production capacity exceeding 14,400 MT per year, we are poised to meet the needs of our esteemed customers.

We take pride in our comprehensive solution offerings that span the entire project lifecycle, from conception to installation. Our expertise and resources allow us to design Gabion projects and manage installation activities with efficiency and effectiveness.

Our products, which include Gabions, DT Mesh, and Rockfall Netting, are distributed throughout India and exported for various civil, hydraulic, and landscaping applications. These applications encompass Gabion Retaining Walls, slope protection, road embankments, mine overburden management, channel training, check dams, weirs, causeways, and bridge pier protection, among others.

Throughout India, our Gabions have been supplied to numerous small, medium, and large contractors associated with Irrigation Departments, Public Works Departments (PWDs), Roads and Buildings (R&B) Departments, the National Highways Authority of India (NHAI), Municipal Corporations, and mining companies across all states. Noteworthy protection projects utilizing our Gabions include key rivers such as the Ganga, Kosi, Tapi, Sabarmati, and Mahi.

Additionally, we export our Gabions to countries including Sri Lanka, Bhutan, Kenya, and Uganda. Our products have undergone independent testing conducted by accredited third-party laboratories, with assessments from esteemed organizations including the Government of Bhutan, Bangalore University, and CEIL, Navi Mumbai.

Global Protection Industries 01





Jumbo Gabion Box



DT Mesh Netting Rolls



Gabion Matters



Zinc Coated Galvanized Iron Wire



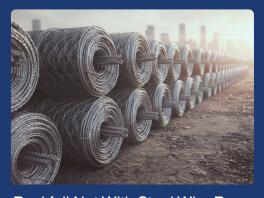
Sack Gabion



Stainless Steel Chain Link Fence



Gabion With Tail



Rockfall Net With Steel Wire Rope

Technical Specification.



	Sl Chard No.	acteristics Mesh Type								
				$\mathbf{D} = 100 \text{ mm}$		8×10 $\mathbf{D} = 80 \text{ mm}$			$\mathbf{D} = 60 \text{ mm}$	
			nc/Zinc coated	Zinc/Zinc Alloy2 + Polymer coated	Only Zinc/Zinc Alloy2 coated		Zinc/Zinc Alloy2 + Polymer coated	Only Zinc/Zinc Alloy2 coated	Zinc/Zinc Alloy2 + Polymer coated	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
i)	Mesh wire dia, mm	2.70	3.00	2.70/3.701)	2.70	3.00	2.70/3.701)	2.2	2.2/3.21)	
ii)	Edge/Selvedge wire dia, mm	3.40	3.90	3.40/4.401)	3.40	3.90	3.40/4.401)	2.7	2.7/3.71)	
iii)	Lacing wire dia, mm	2.20	2.20	2.20/3.201)	2.20	2.20	2.20/3.201)	2.20	2.20/3.201)	
iv)	Polymer coating thickness, mm	NA		Nominal — 0.50 Minimum — 0.40	NA		Nominal — 0.50 Minimum — 0.40	N A	Nominal — 0.50 Minimum — 0.40	
v)	Typical size Length × Width	25×2 , 25×3 and 25×4								
vi)	Tolerances in size of netting rolls	Length and Width ± 5 percent; Height > 0.3 m ± 5 percent and Length + 1.0m to -0.0m, width + "D"								

NOTES

1 Internal diameter/External diameter of Polymer coated wire.

2 Zinc Alloy shall consist of 90 percent zinc \pm 10 percent Aluminium or 95 percent Zinc \pm 5 percent

IS 16014 : 2024

Table 7 (Concluded)

Sl No.	Characteristics	Mesh Type								
			$\mathbf{D} = 100 \text{ mm}$			3 × 10 = 80 mm	$\mathbf{D} = 60 \text{ mm}$			
			Zinc Alloy2	Zinc/Zinc Alloy2 + Polymer coated	Only Zinc/Zinc Alloy2 coated	Zinc/Zinc Alloy2 + Polymer coated	Only Zinc/Zinc Alloy2 coated	Zinc/Zinc Alloy2 + Polymer coated		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)		
iii)	Tensile Strength Perpendicular to twist, kN/m	15.50	20.50	15.50	26.50	20.50	13.00	13.00		
iv)	Selvedge Strength, kN/m	10.20	11.22	10.20	20.40	16.32	10.20	10.20		
v)	Punch Strength, kN Panel to panel	17.80	19.58	17.8	26.70	21.36	17.80	17.80		
vi)	co nnectio n (lacing fasteners), wire/ kN/m	10.20	11.22	10.20	20.40	16.32	10.20	10.20		

Applications For Environment



Protection & Infrastructure Development.













USES

- Retaining wall strucers.
- · River and canal preparation.
- Erosion protection roadway protection bridge protection.
- Hydraulic structures, dams and culverts.
- Coastal embankment works.



Global Protection Industries

Applications For Environment



Protection & Infrastructure Development.



- Rockfall and soil erosion protection
- Architectural cladding for walls
- and buildings
- Freestanding walls, noise and environmental barriers
- **Architectural Gabion Applications**



4 STEPS OF PROCESS



Innovation Solutions with Gabions.







Non Woven Geotextile Fabric



Geo Grid



Erosion Control Blanket



Geo Cell



Drainage Geo Composite



Geo Strip



Coir / Jute Geotextile



Geo Membrane



3d / Geo Mat

MANUFACTURING PROCESS































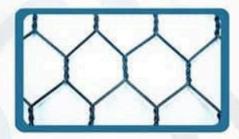
Quality Assurance

GLOBAL GABIONS

Global Protection Industries providing world class Wire products and services to transportation, hydraulic and environmental related problems.

Hexagonal Double Twist

The Mechanically Woven, Double - Twisted Hexagonal Wire Mesh Shape helps in achieving uniform distribution of forces. Double Twist protects from the damage of accidental breaking of any Wire from spreading to other mesh



Shear Cutting

The mesh panels are produced in the double twisting machine & then cut on the shearing machine and not manually. This ensure the lengths / widths / dimensions are correct and in a line and not skewed.



Coating

Heavy duty PVC coating provides corrosion resistance which improves the durability of wire mesh. Global Protection Industrues offers wide range of coating as per the site condition to increase the service life of Gabion structure including PVC and Polymer PA6



Edging / Selvedge

The mesh panels and diaphragms (partitions) are edged / selvedged on the edging machine and not manually. this ensures that the ends do not open up which is very likely in case of manual edging. And also ensure that the connection strength between the mesh panel and the selvedge wire is as required.

























































L.N. MALVIYA INFRA PROJECTS PVT. LTD.

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G-SIGMO. IT Training of each & every let of galaxies been to be carried out in independent bidrontary for review of substrate fragment prior to use in construction size.

If before using in the two tides given from the termination out. The prior sample collected at the size.

If the test or even the size of the size



sea bit.
With inference to the cited subject, we have inspected production unit of Global
relation floatures at Gase his 1011, Sansanud/Fune on 7º November 2020 his aboverestioned source is found to be in order. Hence, you are hereby accorded acceptance to
recover instituted from the source of Mis Global Protection Industries. Pure subjected to
the following conditions.

I. Every lottomispment should be accompanied by Manufacturer feet certificates
(MTC) with original invoice.

2. Joets sanging that be carried out in the representation of Authority Engineer and
shall be subjected to third apily feet.

3. Every lottomispment their pany test conflicates from an approved NASE, accredited
laboratory are required. Rodic Consultants Pvr. Ltd. (ISO 9001, 14001 and OHSAS 18001 Certified Company) Corporate Office: Team Leader 0
EUROCETUDIOS S.I., Marpha Towers, No. 60
Link 106. Suncy Business Times Gulf Ward No. 4, 2° Cross, Advaba 1
Course Road, Sector 14, Curgaon-120002, Salastentpure

Corporate Office: EuritoESTUDIOS S.L. Unit 305, Suncity Business Towar Gulf Crume Reed, Sector 14, Ourgane-12002, Natural ACMA Team Leader C Meghe Towers, No. 66 Ward No. 4, 3" Cross, Ashoka Solution/spure Hassan Solution Solution

Global Protection Industries



Ref:
1. Contractor's letter No: MKC-RSM/EPC/Site/2021/0177 dated 07.01.2022

reference to your letter under Ref.1 vide which credentials of M's Global Protection is has been submitted to the AE for its review towards procurement of Gabion box and es for protection of embankment slope under River Training Work(RTW).

Based on the above we convey our approval of the source namely M/s Global Protection industries, located at Gate No. 1991, Om Sail Auto Power Plant, LAT Bharat Gas Road, Sansawadi, District-Pune, Maharasher-41220s, India for prourement of Gabion box and matteresses made of Goulde Institud Prasporal galvanized steel wire mesh for use in protection work of RTVI, subject to fulfillment of the following conditions.

- The gabion box and mattresses procured from the above source will be subjected to mechanical and physical tests through third party NABL accredited laboratory as per testing frequency ided in relevant specifications.

- trequency cited in relevant specifications.

 2. Each consignment delivered as its brould be supported with MTC, a copy of which should be sent to the Authority's Engineer for verification.

 3. Only fresh to knaft be delivered as it sine.

 4. Each to shall be inspected before use in permanent work, any gabion box or revet mattress with snapped were mesh and/or demanged protective cooling shall be discarded.

 5. Approval shall be reviewed from time to time.

 5. The Authority's Engineer reserves the right to reject the source approval if the mechanical and physical parameters are found not to be within the acceptable limits as per relevant specifications.



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Global Protection Industries 12

Milestones





WHY CHOOSE US?

- 1. Best Quality Products
- 2. Best Quality Services
- 3. Reasonable Price
- 4. Customer Satisfaction
- 5. On time Delivery
- 6. Technical Solution
- 7. Solution Oriented Presentation
- 8. High Qualified Staff



GLOBAL PROTECTION **INDUSTRIES UNIT-1,**

Gate no 1091, L&T Bharat Gas Road, Sanaswadi, Pune-412208. Maharahtra

GLOBAL PROTECTION INDUSTRIES UNIT-2

Plot no A 101/102, Kamdhenu Industrial Estate NH 48, Village BakrolTal. Ankleshwar, Dist. Bharuch Gujarat - 393001

GLOBAL PROTECTION INDUSTRIES UNIT-3

Kaziranga Wood products Pvt Ltd,NH 37, Paschim Boragaon, Guwahati- 781011 Assam

GLOBAL PROTECTION INDUSTRIES

- PUNE: Gat No. 1091, Om Sai Auto Power Plant, L & T Bharat Gas Road, Sanaswadi, Pune-412208
- AHMEDABAD: M 101, Safal Parisar, Behind Sun City, South Bopal, Bopal, Ahmedabad, Gujarat - 380058
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