



KAMDHENU

BARBED WIRE & CHAIN LINK FENCE

PREMIUM QUALITY BARBED WIRE & CHAIN LINK FENCE



WHY ONLY KAMDHENU BARBED WIRE ?

KAMDHENU BARBED WIRE

- The product manufactured with ultra modern technology and certified by ISO 9001:2015.
- Is made of best quality raw material with international standards.
- strict test in ultra modern laboratory before release to the market.
- Kamdhenu Barbed Wire is LOWA Type.
- Has standard gauge and size.
- Has good finish, provides safety and easy while using.
- In Kamdhenu Barbed Wire, the Barb is well formed, tightly wrapped & have a good length as per BIS norms.
- In it, the line & point wire is circular in section, free from scales & other defects & uniformly Galvanized.
- Every reel of Kamdhenu Barbed Wire is marked legibly with the name of the manufacturer, the type of barbed wire, dia of line wire & point wire, barb spacing & length and mass of reel.
- It is sound, free from splits, surface flows, rough jagged & imperfect edges & other harmful surface defects.
- Is always packed in high standard safe mode, which maintains quality, over long period.
- With the seal of ISO 9001:2015 over the bundles, is a guarantee for both quality and reliability.
- Means international quality.

PRODUCT SPECIFICATIONS

Trade Mark	KAMDHENU BARBED WIRE
Specifications	As per IS 278:2009
Type	Type A (LOWA Type) annealed & soft drawn
Diameter	SWG-12 & SWG-14
Standard Packing	25/26 kgs
Zn coating (GSM)	As per Requirement (Market Demand)

MECHANICAL PROPERTIES

Size of line wire	Tensile strength of line wire	Minimum breaking load of completed barbed wire
(mm)	(N/mm ²)	(KN)
2.5	390-590	3.7
2.24	390-590	3.0

CHEMICAL COMPOSITION

Carbon %	0.10 - 0.20
Manganese %	0.30 - 0.60
Sulphur %	0.050 Max.
Phosphorus %	0.050 Max.



COMPARATIVE STUDY OF KAMDHENU BARBED WIRE & OTHER BARBED WIRE

Properties	Other Wires	Kamdhenu Barbed Wire
Diameter	Not Uniform	Uniform & very close to the tolerance
Surface Defect	May be present	Free from surface defect like Splits Flaws, rough jagged & imperfect edge
Winding	May be broken or splitting	No break & splitting.
Annealed	Not Uniform	Uniform & Excellent
Packing	Loose & Variable in Weight	Excellent Packing with constant Weight (25/26 kgs.)

In KAMDHENU Chain Link Fence Fabric - A Fencing material made from steel wire helical wound & interwoven in such a manner as to provide a continuous mesh without knots or ties except in the form of knuckling or of twisting the ends of the wires to form the selvage of the fabric.

The line wires are required to be inserted after erecting the fabric with straining posts. Two number of line wires for fabric of height up to 2 meter to be provided one each at top & bottom of the fabric. Three numbers of line wires for fabric of height 2.50 m & more to be provided one each on top, middle & bottom of the fabric.

KAMDHENU CHAIN LINK FENCE FABRIC

- The product manufactured with ultra modern technology and certified by ISO 9001:2015.
- Is made of best quality raw material with international standards.
- Undergoes strict test in ultra modern laboratory before release to the market.
- Kamdhenu Chain Link Fence Fabric has Zinc coating of type "Heavy" as given in IS-4826 or in IS-12753.
- Has standard gauge and size.
- Has good finish, provides safety and easy while using.
- In Kamdhenu Chain Link Fence Fabric, the mesh & line wires have very good results to wrapping test in accordance with IS-1755.
- In it, the line & point wire is circular in section, free from scales & other defects & uniformly Galvanized.
- Each bundle /roll of fabric shall be suitably bound & fastened compactly & shall be protected by suitable wrapping of gummy jute or canvas fabric.
- It is sound, free from splits, surface flows, rough jagged & imperfect edges & other harmful surface defects.
- Is always packed in high standard safe mode, which maintains quality, over long period.
- With the seal of ISO 9001:2015 over the bundles, is a guarantee for both quality and reliability.
- Means international quality.

PRODUCT SPECIFICATIONS

Trade Mark	KAMDHENU Chain Link Fence Fabric
Specifications	As per IS 2721:2003
Type	Helical Wound & interwoven
Standard Packing	The fabric supplied in rolls of 5.0 m, 10.0 m, 15.0 m, 20.0 m & 25.0 m or as per the requirement of the Purchaser.
Zn coating (GSM)	Zn coating of type "Heavy" As per Requirement (market demand)

MECHANICAL PROPERTIES

Galvanizing	KAMDHENU chain link fence fabric have Zn coating of type "Heavy" as given in IS- 4826 or in IS-12753.
Tensile Test	within the range of 400-550 MPa.
Wrapping Test	The mesh & line wires shall be subjected to wrapping test in accordance with IS-1755.
Twist Test	In KAMDHENU chain link fence fabric the mesh & line wires passes the test as accordance with IS-1717.

CHEMICAL COMPOSITION

Carbon %	0.10 - 0.20
Manganese %	0.30 - 0.60
Sulphur %	0.050 Max.
Phosphorus %	0.050 Max.

COMPARATIVE STUDY OF KAMDHENU Chain Link Fence Fabric & OTHER Chain Link Fence Fabric

Properties	Other Wires	Kamdhenu Chain Link Fence Fabric
Diameter	Not Uniform	Uniform & very close to the tolerance
Surface Defect	May be present	Free from surface defect like Splits
		Flaws, rough jagged & imperfect edge
Winding	May be broken or splitting	No break & splitting.
Annealed	Not Uniform	Uniform & Excellent
Packing	Loose & Variable	Each bundle /roll of fabric shall be suitably bound & fastened compactly & shall be protected by suitable wrapping of gummy jute or canvas fabric.

Each roll shall be provided with a label bearing the following information:-

1. Manufacturer's name/ Trademark
2. Lot Number & roll number
3. Mesh size & diameter of line & mesh wire
4. Length & Width of the fabric etc.

Table 1 Dimensions and Tolerances

Mesh Size	Nominal Dia of Mesh Wire	Line Wire		
		Diameter	Number of Wires	
mm	mm	mm	Up to and including 2 m width	Above 2 m width
(1)	(2)	(3)	(4)	(5)
50±4	2.50	3.15	2	3
	3.15	4.00	2	3
	4.00	4.50	2	3
	4.50	5.00	2	3
75±4	3.15	4.00	2	3
	4.00	4.50	2	3
	4.50	5.00	2	3
	5.00	5.50	2	3
100±5	3.15	4.00	2	3
	4.00	4.50	2	3
	4.50	5.00	2	3
	5.00	5.50	2	3
125±5	4.00	4.50	2	3
	4.50	5.00	2	3
	5.00	5.50	2	3

NOTE — Sizes other than those mentioned above shall be supplied subject to agreement between the purchaser and the manufacturer.



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Dealer Stamp