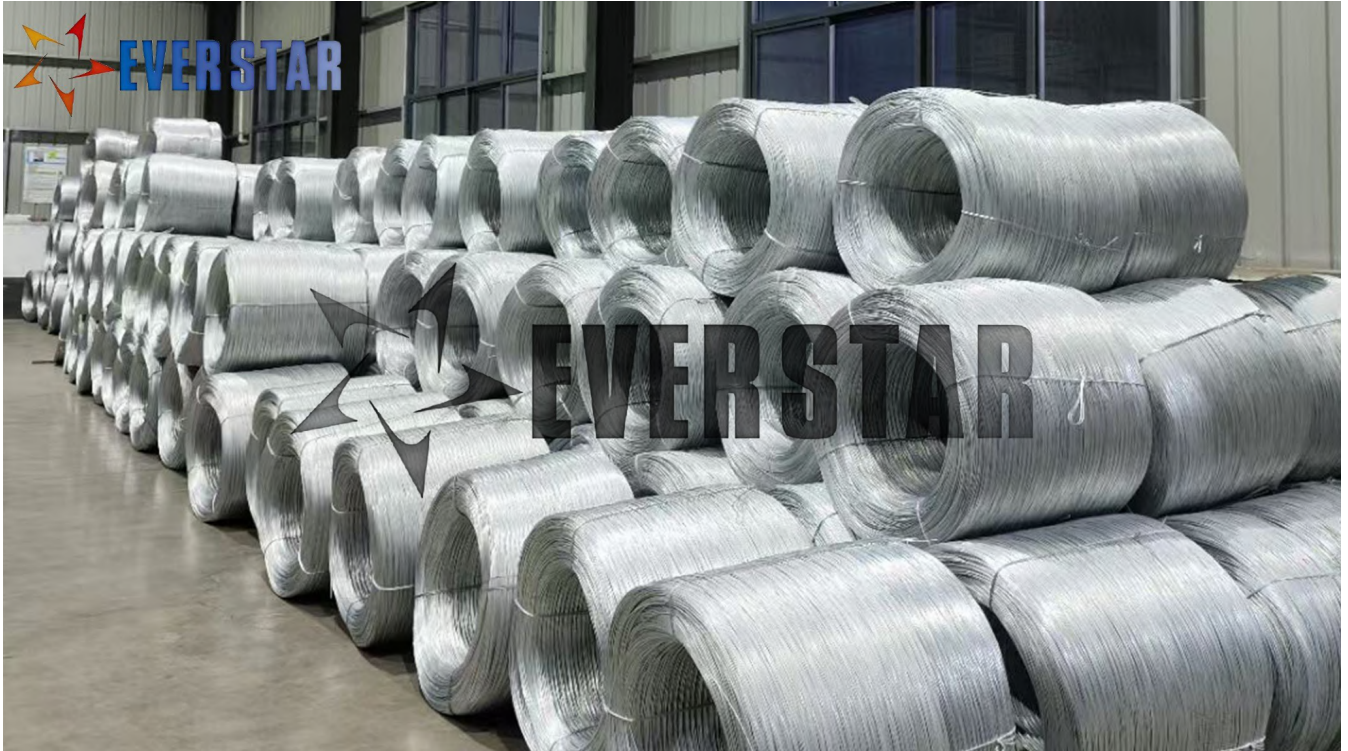




ELECTRO GALVANIZED WIRE

BRIGHT FINISH | CONTROLLED ZINC COATING | CUSTOMIZED SUPPLY | 2026

Bright surface. Uniform zinc layer. Built to your specification.

Selected low-carbon steel wire coated by a controlled electroplating process for binding, mesh, packaging, handicrafts and general industrial manufacturing.

DIAMETER RANGE

0.37-6.00 mm or customized to the confirmed purchase order.

ZINC COATING

Typically 8-25 g/m² or customized for the approved application.

TENSILE OPTIONS

350-550 MPa; soft, medium or hard temper can be coordinated.

SHIJIAZHUANG EVERSTAR HARDWARE MACHINERY CO., LTD.

Quality creates long-term partnerships.

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02 PRODUCT CATALOGUE

EVERSTAR AT A GLANCE

Wire-processing experience, controlled production and export support



EVERSTAR MANUFACTURING SITE | WUJI, SHIJIAZHUANG, HEBEI, CHINA

Founded in 1999, Shijiazhuang Everstar Hardware Machinery Co., Ltd. has developed from a wire-processing factory into a global construction-hardware manufacturer. Electro galvanized wire is supplied for buyers requiring a bright, smooth zinc-plated surface and practical corrosion protection.

Production is coordinated against the confirmed diameter, zinc-coating weight, tensile strength, temper, elongation, coil or spool configuration, labels and export packing of each order.

1999 ESTABLISHED	58,000 m2 FACTORY AREA	45 PRODUCTION LINES
210 EMPLOYEES	25 R&D ENGINEERS	10 QC INSPECTORS

Buyer Support

01 Specification confirmation Diameter, zinc coating, tensile strength, temper and elongation.	02 Customization Coil weight, winding, labels, inner packing, bags, cartons and pallets.
03 Quality coordination Sample approval, inspection plan and order-specific acceptance records.	04 Export support Moisture protection, shipping marks and commercial documents.

PRODUCT OVERVIEW

Bright, smooth zinc-plated low-carbon steel wire for general binding and manufacturing



EVERSTAR Electro Galvanized Wire is manufactured from selected low-carbon steel wire and coated with zinc through a controlled electroplating process. The finished wire has a bright, smooth and uniform appearance, consistent diameter and good flexibility.

Final acceptance follows the written purchase order or approved sample. Confirm diameter in millimetres together with steel grade, zinc-coating weight, tensile strength, temper, elongation, coil or spool configuration and packing.

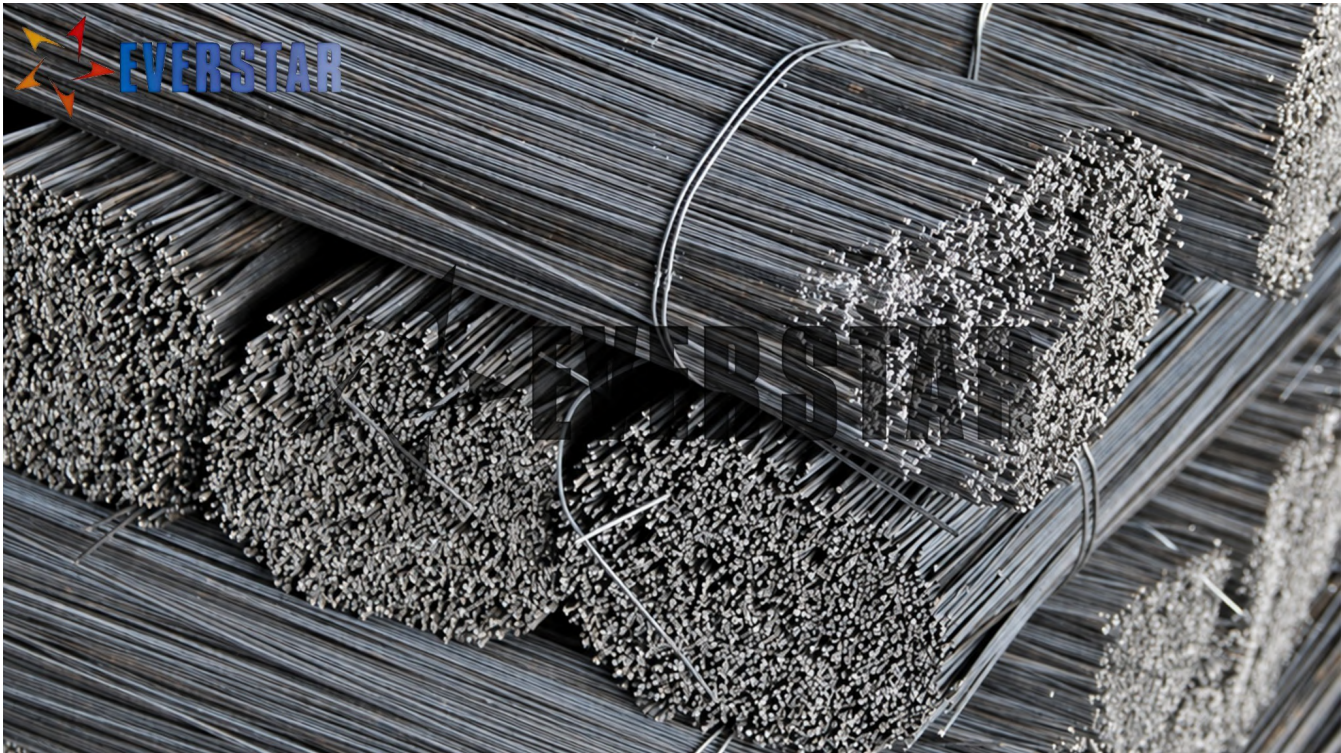
Core Product Advantages

BRIGHT, UNIFORM SURFACE Smooth zinc-plated appearance produced through controlled electroplating.	CONSISTENT PERFORMANCE 350-550 MPa supply range with soft, medium or hard temper options.	FLEXIBLE SUPPLY FORMS Coils, spools, jumbo coils or processed wire with customized packing.
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04 PRODUCT CATALOGUE

FINISH & SUPPLY FORMS

Electroplated zinc protection with order-specific dimensions and downstream processing



Electro galvanizing deposits zinc onto prepared steel wire through an electrolytic process. Compared with uncoated steel wire, it provides a clean, bright surface and practical corrosion protection while retaining useful flexibility for further processing.

COILS & JUMBO COILS Net weight, winding and inner dimensions are confirmed for handling or further processing.	SPOOLS Spool dimensions and unit weight are customized to the buyer's equipment and packing plan.	PROCESSED WIRE Straightened, cut or other processed forms can be coordinated against the approved sample.
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Confirm Before Production

01 ZINC COATING Typically 8-25 g/m2, or customized to the approved application.	02 MECHANICAL PERFORMANCE Confirm 350-550 MPa target range, temper and elongation requirement.
03 DIMENSIONS Confirm diameter, tolerance, coil weight, spool size or processed length.	04 DOWNSTREAM USE Identify binding, weaving, forming, cutting or other manufacturing operations.

COATING NOTE | Final zinc-coating weight, appearance and acceptance basis follow the confirmed purchase order or approved sample.

05 PRODUCT CATALOGUE

TECHNICAL SPECIFICATIONS

Commercial supply scope based on the confirmed EVERSTAR electro-galvanized wire specification

FINAL PRODUCT REQUIREMENTS FOLLOW THE PURCHASE ORDER, APPROVED SAMPLE AND CONTRACT.	
PARAMETER	STANDARD SUPPLY / AVAILABLE OPTION
Product	Electro Galvanized Wire
Alternative names	Electro-Galvanized Wire / Cold Galvanized Wire / Zinc-Plated Steel Wire
Brand	EVERSTAR
Material	Low-carbon steel
Steel grade	Q195, Q235, SAE1006, SAE1008 or equivalent
Wire diameter	0.37-6.00 mm or customized
Zinc-coating weight	Typically 8-25 g/m2 or customized
Tensile strength	350-550 MPa or according to application
Temper	Soft, medium or hard
Elongation	According to confirmed requirements
Surface	Bright, smooth and uniform
Wire form	Coils, spools, jumbo coils or processed wire
Coil / spool	Coil weight and spool dimensions customized
Packing	Plastic film, woven bags, cartons or pallets
OEM / origin	Customized diameter, coating, strength, coil, label and packing; Hebei, China

Specification note: final tolerances, elongation, coating acceptance, coil configuration and packing follow the written purchase order or approved sample.

06 PRODUCT CATALOGUE

DIAMETER & THEORETICAL WEIGHT REFERENCE

Millimetre diameter is the acceptance basis; weights support quotation planning

Theoretical base-steel weights below use density 7.85 g/cm3. Electroplated zinc and production tolerance affect the actual finished weight, which is confirmed by the order and packing record.

WIRE DIAMETER	THEORETICAL BASE-STEEL WEIGHT (KG/KM)
0.37 mm	0.84
0.50 mm	1.54
0.70 mm	3.02
0.80 mm	3.95
1.00 mm	6.17
1.20 mm	8.88
1.60 mm	15.78
2.00 mm	24.66
2.50 mm	38.53
3.00 mm	55.49
4.00 mm	98.64
5.00 mm	154.13
6.00 mm	221.94

Calculation Reference

THEORETICAL KG/KM = 6.165 x d² | d = NOMINAL WIRE DIAMETER IN mm

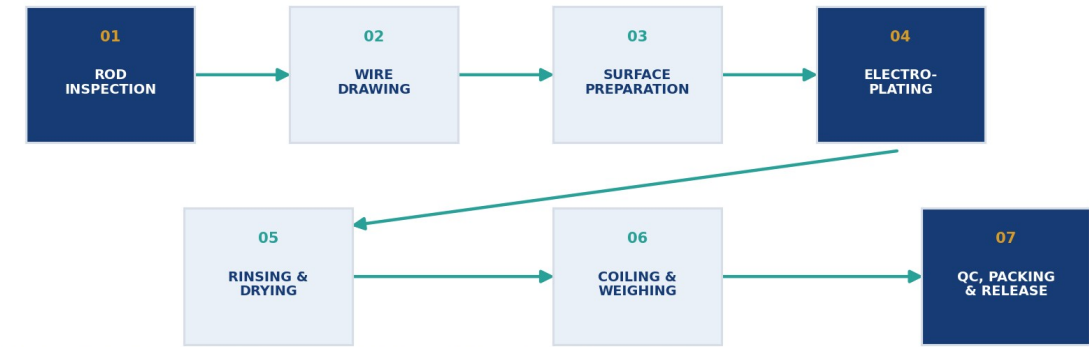
MILLIMETRES FIRST Confirm actual diameter in mm; gauge references are secondary.	FINISHED WEIGHT Electroplated zinc adds mass; actual net coil weight follows the packing record.	SUPPLY CONFIGURATION Coil, jumbo coil, spool or processed-wire details are buyer-confirmed.
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07 PRODUCT CATALOGUE

MANUFACTURING & QUALITY CONTROL

Controlled drawing, surface preparation, electroplating, coiling and release checks

CONTROLLED ELECTRO-GALVANIZED WIRE PRODUCTION FLOW



Cleaning, electroplating and final release are controlled against the confirmed order specification.

Selected low-carbon steel is drawn to the confirmed size, cleaned and prepared before zinc electroplating. Rinsing, drying, coiling and final inspection are then performed against the order-approved diameter, coating, mechanical and packing requirements.

Quality Control Plan

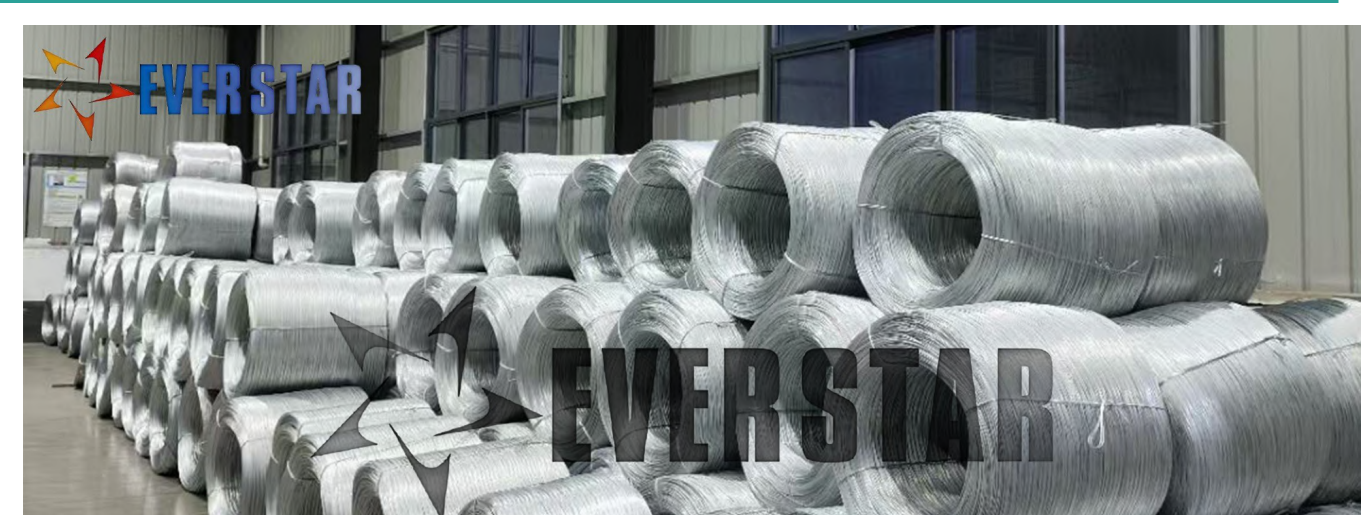
STAGE	CONTROL FOCUS	BASIS
Incoming material	Material/grade records and wire-rod condition	Each supplied lot
Diameter	Micrometer check against confirmed size and tolerance	Production lot
Surface preparation	Cleaning and preparation before electroplating	Production setup
Zinc coating	Typically 8-25 g/m2 and uniformity against the approved basis	As agreed
Performance	350-550 MPa target plus temper and elongation requirements	As agreed
Coil condition	Winding, coil weight and handling condition	Production lot
Packing	Protection, labels, shipping marks and pallet plan	Final release

RELEASE BASIS | Diameter + zinc coating + tensile / temper + elongation + supply form + packing

08 PRODUCT CATALOGUE

PACKING & EXPORT PROTECTION

Customized coil, wrap and pallet plans for handling, storage and delivery



Packing Options

COILS / JUMBO COILS Buyer-specified net weight, winding, inner dimensions and securing method.	SPOOLS / CARTONS Spool dimensions, unit weight and carton arrangement customized for the order.	PALLETIZED EXPORT Coils, spools, cartons or bags arranged on pallets with confirmed shipping marks.
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Recommended Export Protection

01 MOISTURE-RESISTANT WRAP Plastic film or buyer-approved moisture-resistant inner protection.	02 BAG / CARTON SELECTION Woven bags or cartons selected according to coil size and handling route.
03 DESICCANT WHEN REQUIRED Quantity planned according to packing volume, transit and storage conditions.	04 LABEL & SHIPPING MARK Diameter, zinc coating, temper, unit weight, lot, brand and origin.

STORAGE NOTE | Keep electro galvanized wire dry and protected from corrosive chemicals and trapped moisture.

09 PRODUCT CATALOGUE

APPLICATIONS & ORDER CONFIRMATION

Match zinc coating, diameter, temper and supply form to the actual use

Electro galvanized wire is widely used for binding, weaving, forming and further manufacturing. Final suitability depends on the confirmed environment, zinc-coating requirement, dimensions, mechanical performance and downstream process.

Application Areas

01 CONSTRUCTION BINDING General tying, fixing and buyer-approved construction uses.	02 WIRE MESH Weaving and fabrication for buyer-specified mesh products.	03 HOUSEHOLD PRODUCTS Formed components and practical household-product manufacturing.
04 HANDICRAFTS Bending, shaping and decorative or functional craft production.	05 PACKAGING Bundling and fastening for products and materials.	06 INDUSTRIAL PROCESSING Cutting, forming and component production for general manufacturing.

Purchase Order Checklist

ITEM	CONFIRM BEFORE MASS PRODUCTION
Wire	Diameter in mm, material/grade and tolerance
Steel grade	Q195, Q235, SAE1006, SAE1008 or approved equivalent
Zinc coating	Typically 8-25 g/m2, required appearance or approved sample
Performance	350-550 MPa target, soft/medium/hard temper and elongation
Supply form	Coil, spool, jumbo coil or processed-wire configuration
Protection	Film, moisture barrier and desiccant requirements
Packing	Bag/carton/pallet, labels, shipping marks and documents
Approval	Sample, inspection report and final commercial specification

LIMITATION | Structural load, lifting, safety-critical or electrical use requires separate engineering and certification.

CONTACT EVERSTAR

Factory-direct support for Electro Galvanized Wire and customized wire products



QUALITY CREATES LONG-TERM PARTNERSHIPS

ELECTRO-GALVANIZED WIRE | COLD GALVANIZED WIRE | CUSTOMIZED SUPPLY

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1999

ESTABLISHED

58,000 m2

FACTORY AREA

45

PRODUCTION LINES

SHIJIAZHUANG EVERSTAR HARDWARE MACHINERY CO., LTD.

Qiji Town Industrial Zone, Wuji County, Shijiazhuang City, Hebei Province, China

CUSTOMIZED MANUFACTURING | QUALITY CONTROL | EXPORT SUPPORT