



PVC COATED TIE WIRE

FLEXIBLE BINDING | CORROSION RESISTANCE | CUSTOM COLORS | 2026

Flexible, protected binding wire with a clean colored finish.

Selected low-carbon steel wire is covered with a smooth, uniform PVC layer. The steel core provides binding strength, while the flexible coating improves corrosion resistance and helps protect tied surfaces from scratches.

STEEL CORE Ø

0.6-3.0 mm or customized to the confirmed purchase order.

FINISHED Ø

0.9-5.0 mm with PVC coating, or customized as required.

TENSILE STRENGTH

350-550 MPa or customized to confirmed requirements.

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. PVC coated tie wire is produced with selected low-carbon steel core wire and a flexible colored PVC layer.

Production is coordinated against the confirmed core grade and finish, core diameter, finished outside diameter, PVC color, tensile strength, delivery form, unit weight, 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 Steel core, core diameter, finished diameter, color and tensile target.	02 Customization RAL color, UV stabilization, delivery form, unit weight, label and packing.
03 Quality coordination Sample approval, color matching, inspection plan and order-specific records.	04 Export support Moisture protection, shipping marks and commercial documents.

03 PRODUCT CATALOGUE

PRODUCT OVERVIEW

Low-carbon steel strength combined with a smooth, flexible PVC protective layer



EVERSTAR PVC Coated Tie Wire is manufactured from selected low-carbon steel wire and covered with a uniform, flexible PVC layer. The steel core provides the required binding strength, while the PVC coating improves corrosion resistance, protects the tied surface from scratches and provides a clean, colored appearance.

Final acceptance follows the written purchase order or approved sample. Confirm the core material and finish, core diameter, finished outside diameter, PVC color, UV requirement, tensile strength, delivery form, unit weight and packing.

Core Product Advantages

PROTECTED SURFACE The PVC layer improves corrosion resistance and helps reduce scratching of tied items.	EASY HANDLING Soft, flexible wire bends and twists readily for manual or tool-assisted binding.	CUSTOMIZED SUPPLY Colors, diameters, coil weights, labels, packing and delivery forms can be coordinated.
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04 PRODUCT CATALOGUE

CORE & COATING OPTIONS

Steel-core selection, PVC color matching and performance options for the actual application



The steel core and PVC layer are specified separately. Select the core condition for the required binding strength and corrosion basis, then confirm the finished outside diameter, color, coating appearance and any UV-stabilization requirement.

BLACK ANNEALED CORE Soft low-carbon steel core for flexible general binding and forming.	ELECTRO GALVANIZED CORE Zinc-coated core option for additional protection beneath the PVC layer.	HOT-DIP GALVANIZED CORE Heavier galvanized core option where the confirmed application requires it.
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PVC Coating Selection

01 STANDARD COLORS Green, black, white, blue, yellow and red; other colors can be coordinated.	02 RAL COLOR MATCHING Provide the required RAL reference or an approved physical color sample.
03 UV STABILIZATION Available upon request and confirmed before production.	04 FINISHED SURFACE Smooth, uniform PVC coating; visual acceptance follows the approved sample.

DIMENSION NOTE | Always state both steel-core diameter and finished outside diameter. Coating thickness follows the confirmed pair of dimensions.

05 PRODUCT CATALOGUE

TECHNICAL SPECIFICATIONS

Commercial supply scope based on the confirmed EVERSTAR PVC coated tie wire specification

FINAL PRODUCT REQUIREMENTS FOLLOW THE PURCHASE ORDER, APPROVED SAMPLE AND CONTRACT.

PARAMETER	STANDARD SUPPLY / AVAILABLE OPTION
Product name	PVC Coated Tie Wire
Alternative names	Plastic Coated Tie Wire / PVC Binding Wire / Vinyl Coated Wire
Brand	EVERSTAR
Core material	Low-Carbon Steel Wire
Common steel grade	Q195, SAE1006, SAE1008 or equivalent
Steel core options	Black annealed, electro galvanized or hot-dip galvanized
Steel core diameter	0.6-3.0 mm or customized
Finished outside diameter	0.9-5.0 mm or customized
PVC coating thickness	According to required core and finished diameters
Tensile strength	350-550 MPa or customized
Flexibility	Soft and easy to bend or twist
Standard colors	Green, black, white, blue, yellow, red or customized
Color matching / UV	RAL color customization; UV stabilization available upon request
Surface	Smooth and uniform PVC coating
Delivery form	Coils, spools, cut lengths, U-shaped wire or looped ties
Coil weight	0.1-50 kg or customized
Packaging	Plastic film, woven bags, cartons, spools or pallets
Applications	Fencing, gardening, agriculture, construction, packaging and general binding
OEM service	Core/finished diameter, color, coil weight, label and packing customization
Origin / manufacturer	Hebei, China / SHIJIAZHUANG EVERSTAR HARDWARE MACHINERY CO., LTD.

Specification note: final core condition, diameters, color, UV requirement, tensile strength, delivery form and packing follow the written purchase order or approved sample.

06 PRODUCT CATALOGUE

DIAMETER & COATING REFERENCE

Confirm core diameter and finished outside diameter as two separate order values

PVC coating thickness is determined by the relationship between the selected steel-core diameter and the finished outside diameter. The calculation below is a nominal geometric reference; final tolerances and coating acceptance follow the written purchase order or approved sample.

CORE DIAMETER Diameter of the low-carbon steel wire before PVC coating.	FINISHED DIAMETER Outside diameter of the completed PVC coated tie wire.	RADIAL PVC BUILD Nominal per-side thickness = (finished Ø - core Ø) ÷ 2.
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Nominal Calculation Example

CORE Ø	FINISHED Ø	TOTAL Ø DIFFERENCE	PVC BUILD / SIDE
1.00 mm	1.50 mm	0.50 mm	0.25 mm nominal

EXAMPLE ONLY | 1.00 mm core and 1.50 mm finished diameter give a nominal 0.25 mm PVC layer on each side.

Buyer Confirmation Points

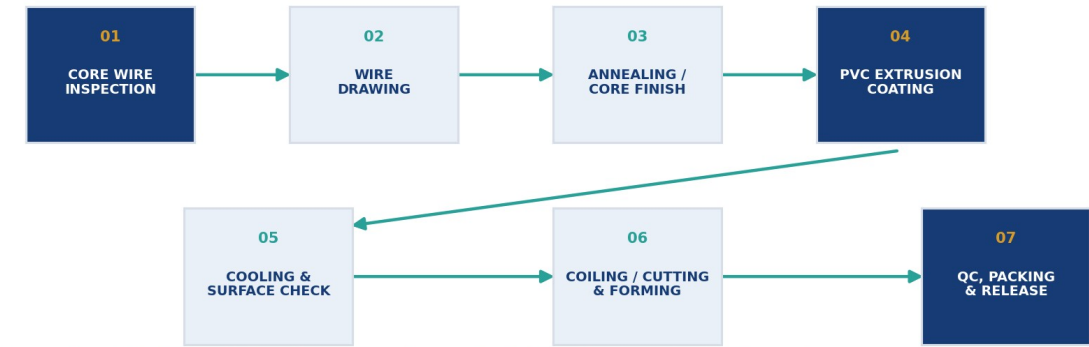
01 CORE SPECIFICATION Confirm grade or equivalent, black annealed/electro galvanized/hot-dip galvanized core and core diameter.	02 FINISHED SIZE Confirm finished outside diameter and applicable tolerance in millimetres.
03 COLOR & UV Confirm standard color or RAL reference and whether UV stabilization is required.	04 APPROVAL BASIS Confirm physical sample, color standard and coating-surface acceptance before mass production.

07 PRODUCT CATALOGUE

MANUFACTURING & QUALITY CONTROL

Controlled core preparation, PVC extrusion, cooling, forming and final release

CONTROLLED PVC COATED TIE WIRE PRODUCTION FLOW



Core condition, PVC color, finished diameter, coating surface and final release follow the confirmed order specification.

Selected low-carbon steel core wire is inspected, drawn and prepared in the confirmed black annealed or galvanized condition. PVC is extruded around the core, cooled and checked before the finished wire is coiled, spooled, cut or formed and released against the order specification.

Quality Control Plan

STAGE	CONTROL FOCUS	BASIS
Steel core	Grade/equivalent, incoming condition and approved core finish	Each supplied lot
Core diameter	Micrometer check against confirmed 0.6-3.0 mm range or custom size	Production lot
PVC material / color	Material batch, approved color or RAL reference and UV option	Production setup
Finished diameter	Outside-diameter check against confirmed 0.9-5.0 mm range or custom size	Production lot
Coating surface	Smoothness, uniformity, coverage and approved visual appearance	Production lot
Performance / form	350-550 MPa or custom target; flexibility and delivery-form condition	As agreed
Packing	Unit weight, protection, labels, shipping marks and pallet plan	Final release

RELEASE BASIS | Core + core Ø + finished Ø + color / surface + flexibility + form + packing

DELIVERY FORMS & EXPORT PACKING

Customized presentation and packing for handling, storage and customer use



Delivery Forms

COILS / SPOOLS Coils from 0.1-50 kg or customized; spool size and winding follow the order.	CUT / U-SHAPED WIRE Straight cut lengths or U-shaped bundles prepared to the confirmed dimensions.	LOOPED TIES Loop configuration, length, bundle count and pack quantity confirmed before production.
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Recommended Export Protection

01 PLASTIC FILM Protective wrapping selected according to coil, spool or bundle configuration.	02 WOVEN BAG / CARTON Outer packing selected according to unit weight, shape and handling route.
03 SPOOL / PALLET Spools and pallets coordinated for stable handling and export loading.	04 LABEL & SHIPPING MARK Core and finished diameters, color, form, unit weight, lot, brand and origin.

STORAGE NOTE | Keep PVC coated tie wire dry, away from direct heat and protected from sharp edges, chemicals and long-term UV exposure unless UV stabilization is specified.

09 PRODUCT CATALOGUE

APPLICATIONS & ORDER CONFIRMATION

Match core, dimensions, color, coating option and delivery form to the actual binding use

PVC coated tie wire is used for fencing, gardening, agriculture, construction, packaging and general binding. Final suitability depends on the confirmed steel core, core and finished diameters, PVC color, UV requirement, tensile strength, delivery form and actual service environment.

Application Areas

01 FENCING Colored fastening and support wire for fence installation and repair.	02 GARDENING Plant ties, trellis support and garden organization with a scratch-friendly coating.	03 AGRICULTURE General farm binding and securing according to the confirmed environment.
04 CONSTRUCTION Temporary fastening and site organization where coated tie wire is suitable.	05 PACKAGING Bundling and securing applications matched to the required diameter and form.	06 GENERAL BINDING Flexible colored wire for workshops, household use and light industrial tying.

Purchase Order Checklist

ITEM	CONFIRM BEFORE MASS PRODUCTION
Steel core	Q195, SAE1006, SAE1008 or equivalent; black annealed, electro galvanized or hot-dip galvanized
Diameters	Steel-core diameter and finished outside diameter in millimetres, plus tolerances
Performance	350-550 MPa or customized target; soft and easy-to-bend requirement
PVC color	Green/black/white/blue/yellow/red, custom color or RAL reference
UV option	State whether UV stabilization is required for the intended exposure
Supply form	Coil, spool, cut length, U-shaped wire or looped tie; unit weight/quantity
Packing	Plastic film, woven bag, carton, spool or pallet; label and shipping marks
Approval	Approved sample, color standard, coating surface and final commercial specification

APPLICATION NOTE | Confirm environmental exposure, required service life and any special safety or regulatory requirement before ordering.

CONTACT EVERSTAR

Factory-direct support for PVC Coated Tie Wire and customized wire products



QUALITY CREATES LONG-TERM PARTNERSHIPS

PVC COATED TIE WIRE | COILS | CUT LENGTHS | CUSTOMIZED SUPPLY

Phone / WhatsApp: +86 199 3304 4444 | Email: Lewis@everstarsteelproducts.com

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