



## QUICK LINK COTTON BALE TIES

GALVANIZED | PHOSPHATE-COATED | BLACK | OILED | 2026

### High strength. Fast connection. Stable cotton bales.

High-tensile carbon steel wire supplied in pre-cut lengths with factory-formed quick-link connections at both ends for cotton, wool, synthetic fibre, textile and other high-rebound bales.

| WIRE DIAMETER                                                 | FINISHED LENGTH                                              | TENSILE STRENGTH                                        |
|---------------------------------------------------------------|--------------------------------------------------------------|---------------------------------------------------------|
| 2.0-4.0 mm supply scope or customized to the confirmed order. | 2.1-4.5 m supply scope or customized for the approved baler. | 1,400-1,770 MPa or according to confirmed requirements. |

**SHIJIAZHUANG EVERSTAR HARDWARE MACHINERY CO., LTD.**

*Quality creates long-term partnerships.*

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# 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. Quick Link Cotton Bale Ties are supplied as high-tensile pre-cut ties for stable bale closure.

Production is coordinated against the confirmed material, diameter, finished length, tensile strength, elongation, quick-link dimensions, joint-strength method, bundle quantity, labels and packing plan of each order.

|                            |                                  |                               |
|----------------------------|----------------------------------|-------------------------------|
| <b>1999</b><br>ESTABLISHED | <b>58,000 m2</b><br>FACTORY AREA | <b>45</b><br>PRODUCTION LINES |
| <b>210</b><br>EMPLOYEES    | <b>25</b><br>R&D ENGINEERS       | <b>10</b><br>QC INSPECTORS    |

## Buyer Support

|                                                                                                         |                                                                                                        |
|---------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| <b>01 Application matching</b><br>Cotton type, bale size, rebound load, tie path and connection method. | <b>02 Specification confirmation</b><br>Diameter, length, tensile, elongation, quick-link and surface. |
| <b>03 Quality coordination</b><br>Sample approval, joint test, bale test and order-specific records.    | <b>04 Export support</b><br>Bundle count, moisture protection, shipping marks and documents.           |

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# PRODUCT OVERVIEW

High-tensile pre-cut tie wire with quick-link connections at both ends



EVERSTAR Quick Link Cotton Bale Ties are manufactured from high-tensile carbon steel wire for securing compressed cotton and other high-rebound fibrous materials. Each tie is straightened, cut to length and formed with a quick-link connection at both ends.

The two ends are joined rapidly and pulled into a secure locking position around the compressed bale. Final suitability depends on bale material, rebound load, tie layout, wire strength, elongation, joint performance and the approved connection method.

## Core Product Advantages

|                                                                                             |                                                                                                |                                                                                                          |
|---------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| <b>FAST QUICK-LINK</b><br>Factory-formed connections at both ends support rapid bale tying. | <b>HIGH-TENSILE WIRE</b><br>Diameter, tensile strength and elongation are matched to the bale. | <b>CUSTOMIZED SUPPLY</b><br>Length, loop geometry, bundle quantity, labels and packing are configurable. |
|---------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|

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# QUICK-LINK STRUCTURE, SIZE & SURFACE

Confirm the connection geometry and mechanical performance for the cotton baler



The photograph shows actual quick-link connection examples. Final wire diameter, finished length, link geometry, tensile strength, joint strength, elongation and surface treatment follow the approved sample, specification or purchase order.

| DIAMETER                                       | FINISHED LENGTH                                      | END STRUCTURE                                       |
|------------------------------------------------|------------------------------------------------------|-----------------------------------------------------|
| 2.0-4.0 mm or customized by written agreement. | 2.1-4.5 m or customized to the approved requirement. | Factory-formed quick-link connections at both ends. |

## Available Surface Treatments

|                                                                                                     |                                                                                                  |
|-----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| <b>01 GALVANIZED</b><br>Zinc-coated option for buyer-specified appearance and corrosion protection. | <b>02 PHOSPHATE-COATED</b><br>Conversion-coated surface available to the approved specification. |
| <b>03 BLACK</b><br>Black-finish high-tensile wire for confirmed baling applications.                | <b>04 OILED</b><br>Light protective oil available when confirmed for storage and handling.       |

**CONNECTION NOTE** | Confirm the quick-link dimensions, joint test and approved baler before production.

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# TECHNICAL SPECIFICATIONS

Commercial supply scope based on the confirmed Cotton Bale Tie specification

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

| PARAMETER         | STANDARD SUPPLY / AVAILABLE OPTION                                     |
|-------------------|------------------------------------------------------------------------|
| Product           | Quick Link Cotton Bale Ties                                            |
| Alternative names | Cotton Baling Wire / Quick Link Bale Ties / Cotton Bale Tie Wire       |
| Brand             | EVERSTAR                                                               |
| Material          | High-tensile carbon steel wire                                         |
| Wire diameter     | 2.0-4.0 mm or customized                                               |
| Finished length   | 2.1-4.5 m or customized                                                |
| Tensile strength  | 1,400-1,770 MPa or according to confirmed requirements                 |
| Connection type   | Quick-link loops at both ends                                          |
| Loop dimensions   | Customized according to baler and connection requirements              |
| Joint strength    | Tested according to the confirmed order specification                  |
| Breaking load     | According to wire diameter, material and required standard             |
| Elongation        | Customized according to the application                                |
| Surface           | Galvanized, phosphate-coated, black or oiled                           |
| Wire shape        | Straight pre-cut ties                                                  |
| Packaging         | Straight bundles, coiled bundles, cartons or pallets                   |
| Application       | Cotton, wool, synthetic fibres, textiles and other expanding materials |
| OEM / origin      | OEM service available; Hebei, China                                    |

Specification note: tensile strength, elongation, quick-link geometry and joint strength must be selected together for the bale material, baler and required load. Confirm an approved functional sample before mass production.

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# DIAMETER & THEORETICAL WEIGHT REFERENCE

Base-wire weight supports quotation planning; millimetre diameter is the acceptance basis

Theoretical base-wire weights below use steel density 7.85 g/cm3. They are kg/km references, not finished-tie weights. Actual piece weight depends on developed length, loop geometry, surface and tolerance.

| WIRE DIAMETER | THEORETICAL BASE-WIRE WEIGHT (KG/KM) |
|---------------|--------------------------------------|
| 2.00 mm       | 24.66                                |
| 2.50 mm       | 38.53                                |
| 3.00 mm       | 55.49                                |
| 3.20 mm       | 63.13                                |
| 3.50 mm       | 75.52                                |
| 3.80 mm       | 89.03                                |
| 4.00 mm       | 98.64                                |

## Calculation & Order Reference

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

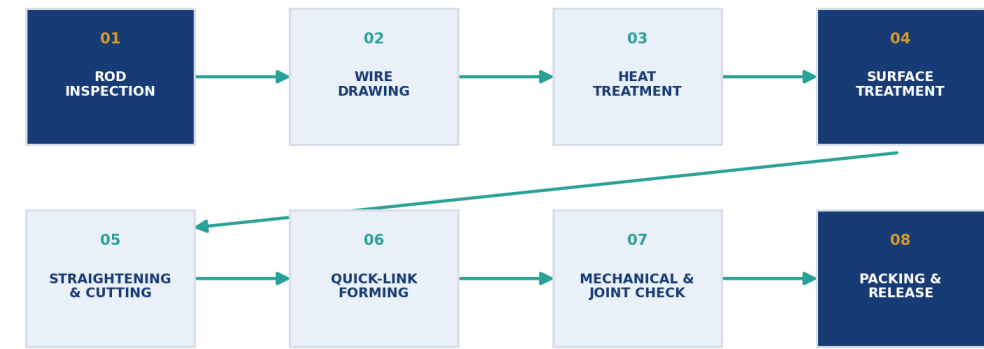
|                                                                                            |                                                                                           |                                                                                             |
|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| <b>BALE / BALER</b><br>Confirm cotton type, bale dimensions, press condition and tie path. | <b>PERFORMANCE</b><br>Confirm tensile strength, elongation, joint test and safety factor. | <b>LENGTH / LINK</b><br>Confirm finished length, quick-link geometry and connection method. |
|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|

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# MANUFACTURING & QUALITY CONTROL

Controlled wire processing, quick-link forming, joint verification and final release

CONTROLLED QUICK LINK COTTON BALE TIE PRODUCTION FLOW



Material, tensile performance, joint strength and quick-link geometry follow the approved specification.

The production route depends on the confirmed material, surface and mechanical performance. Wire is processed, straightened and precision-cut before double-end quick-link forming, mechanical checks, counting, bundling and final release.

## 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 / treatment | Coating or finish route and appearance against the order  | Production setup         |
| Length              | Finished length, tolerance and consistency                | Setup and production lot |
| Quick-link ends     | Link geometry, forming consistency and end condition      | Production lot           |
| Mechanical / joint  | Tensile, elongation, joint-strength records and bale test | As agreed                |
| Bundle & packing    | Piece count, labels, protection and shipping marks        | Final release            |

RELEASE BASIS | Diameter + length + quick-link geometry + joint performance + bale function + packing

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# PACKING, STORAGE & EXPORT PROTECTION

Straight or coiled bundles configured for cotton-mill handling and delivery



## Packing Options

|                                                                                         |                                                                                      |                                                                                                   |
|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| <b>STRAIGHT BUNDLES</b><br>Aligned pre-cut ties with buyer-specified pieces per bundle. | <b>COILS / CARTONS</b><br>Coiled bundles or carton packing available when confirmed. | <b>PALLETIZED EXPORT</b><br>Bundles or cartons secured on pallets with labels and shipping marks. |
|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|

## Recommended Export Protection

|                                                                                                           |                                                                                                          |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| <b>01 SECURE BUNDLING</b><br>Controlled tying supports safe handling and piece-count control.             | <b>02 MOISTURE-RESISTANT INNER</b><br>Plastic film or approved barrier inside the outer packing.         |
| <b>03 DESICCANT WHEN REQUIRED</b><br>Quantity planned according to packing volume and transit conditions. | <b>04 LABEL &amp; SHIPPING MARK</b><br>Diameter, length, tensile reference, piece count, lot and origin. |

**PACKING NOTE** | Final bundle form, piece count, labels, protection and pallet plan follow the order.

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# APPLICATIONS & ORDER CONFIRMATION

Match the quick-link tie to cotton type, baler, rebound load and storage conditions

Quick Link Cotton Bale Ties are intended for buyer-approved bale closure of compressed fibrous materials. Final suitability depends on bale material, press condition, tie layout, required load, safety factor, wire performance, joint strength and the approved connection method.

## Application Areas

|                                                                                     |                                                                                            |                                                                                                 |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| <b>01 COTTON</b><br>High-tensile closure for compressed raw-cotton bales.           | <b>02 WOOL</b><br>Application-matched ties for compressed wool bales.                      | <b>03 SYNTHETIC FIBRES</b><br>Customized performance for expanding synthetic-fibre bales.       |
| <b>04 TEXTILES</b><br>Binding for textile, fabric and related compressed materials. | <b>05 FIBRE PROCESSING</b><br>Quick-link supply configured for approved industrial balers. | <b>06 OTHER EXPANDING MATERIALS</b><br>Buyer-approved use after functional sample confirmation. |

## Purchase Order Checklist

| ITEM             | CONFIRM BEFORE MASS PRODUCTION                                           |
|------------------|--------------------------------------------------------------------------|
| Application      | Bale material, bale size, press condition, rebound load and tie layout   |
| Wire             | High-tensile material, diameter in mm and tolerance                      |
| Length           | Finished length in m/mm and tolerance                                    |
| Performance      | Required load, tensile strength, elongation and test method              |
| Quick-link       | End geometry, joining method, joint-strength test and baler fit          |
| Surface          | Galvanized, phosphate-coated, black or oiled                             |
| Bundle / packing | Piece count, straight/coil form, carton, labels and pallet plan          |
| Approval         | Functional sample, bale test, inspection records and final specification |

**LIMITATION | Not for lifting, personnel protection or safety-critical restraint without separate engineering approval.**

# CONTACT EVERSTAR

Factory-direct support for Quick Link Cotton Bale Ties and customized wire products



## QUALITY CREATES LONG-TERM PARTNERSHIPS

QUICK LINK COTTON BALE TIES | COTTON BALING WIRE | HIGH-TENSILE TIES

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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**