



SINGLE LOOP BALE TIES

BLACK ANNEALED | OILED BLACK ANNEALED | GALVANIZED | 2026

Pre-cut. Single-looped. Built for bale closure.

Steel wire supplied in pre-cut lengths with one machine-formed loop and one straight threading end for cardboard, paper, plastic, textile, cotton and recyclable-material bales.

CUSTOM DIAMETER

Approx. 1.80-3.10 mm; final size follows the bale requirement.

CUSTOM LENGTH

8-24 ft supply scope or customized finished length.

CUSTOM PERFORMANCE

Strength and elongation matched to material and required load.

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. Single Loop Bale Ties are supplied as pre-cut, pre-formed ties for efficient bale closure.

Production is coordinated against the confirmed material, diameter, gauge standard, finished length, tensile strength, elongation, loop size, bundle quantity, labels and packing method of each order.

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

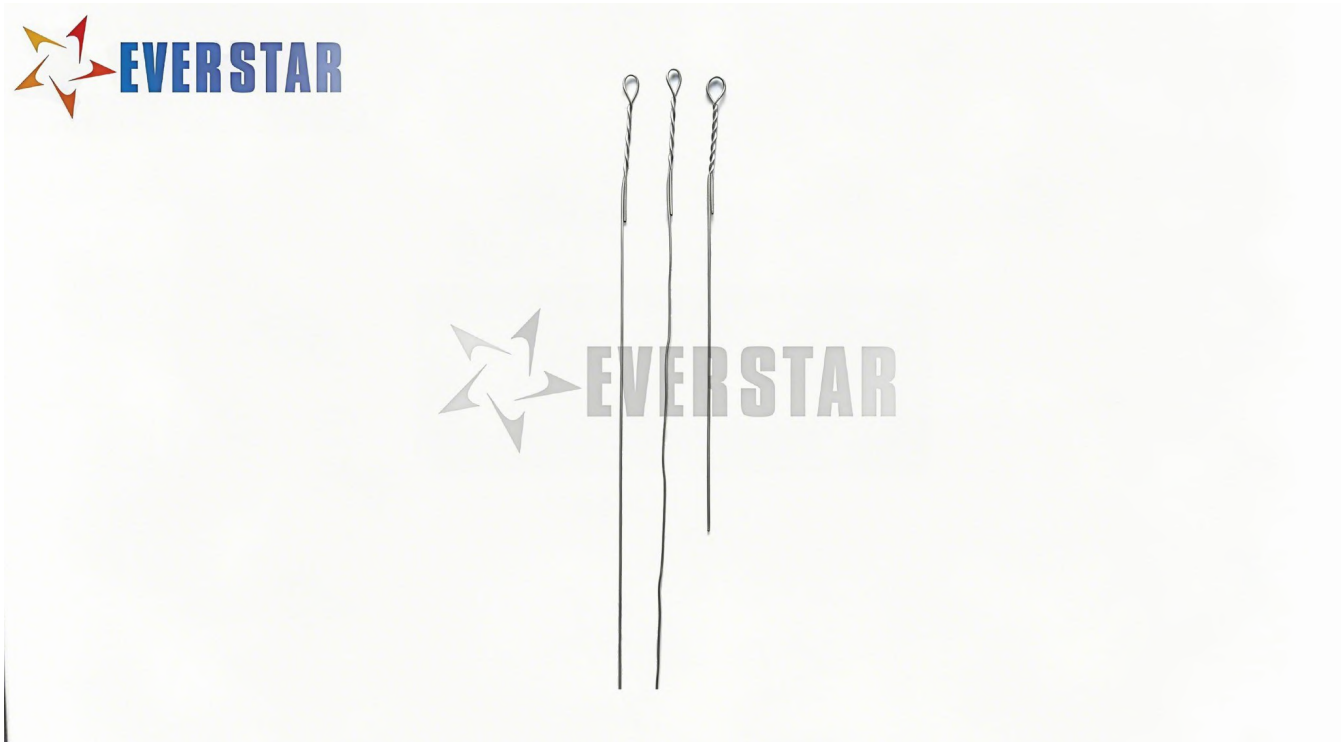
Buyer Support

01 Application matching Bale material, compressed load, tie path and closing method.	02 Specification confirmation Diameter, length, tensile, elongation, loop and surface.
03 Quality coordination Sample approval, functional test and order-specific inspection records.	04 Export support Bundle count, moisture protection, shipping marks and documents.

03 PRODUCT CATALOGUE

PRODUCT OVERVIEW

Pre-cut baling wire with one machine-formed loop and one straight threading end



EVERSTAR Single Loop Bale Ties are manufactured from selected steel wire and supplied in pre-cut lengths. One end is machine-formed into a loop; the opposite end remains straight for threading.

The straight end passes through the loop, is pulled tightly around the compressed material and is twisted to form the closure. Final suitability depends on bale material, compression condition, tie length, strength, elongation and closing method.

Core Product Advantages

READY-TO-THREAD Straight end passes through the loop for fast hand closing.	APPLICATION-MATCHED Diameter, tensile and elongation can be matched to the bale.	CUSTOM PACKING Straight or coiled bundles, piece counts, labels and pallets.
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04 PRODUCT CATALOGUE

END STRUCTURE, SIZE & SURFACE OPTIONS

Confirm the tie geometry and performance against the baling application



The photograph shows actual product appearance examples. Final wire diameter, finished length, loop size, strength, elongation and surface follow the approved sample, specification or purchase order.

DIAMETER	FINISHED LENGTH	END STRUCTURE
Approx. 1.80-3.10 mm or customized by written agreement.	8-24 ft or customized to the approved requirement.	One machine-formed loop and one straight threading end.

Available Surface Treatments

01 BLACK ANNEALED	02 OILED BLACK ANNEALED	03 GALVANIZED
Flexible black finish for buyer-approved baling applications.	Light oil protection available when confirmed for storage and use.	Zinc-coated option for buyer-specified appearance and protection.

GAUGE NOTE | State the gauge system or confirm actual diameter in millimetres before production.

05 PRODUCT CATALOGUE

TECHNICAL SPECIFICATIONS

Commercial supply scope based on the confirmed Single Loop Bale Tie specification

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

PARAMETER	STANDARD SUPPLY / AVAILABLE OPTION
Product	Single Loop Bale Ties
Alternative names	Single Loop Baling Wire / Single Loop Wire Ties / Hand-Tie Baling Wire
Brand	EVERSTAR
Material	Low-carbon or medium-carbon steel
Steel grade	Selected according to strength and elongation requirements
Wire diameter	Approximately 1.80-3.10 mm or customized
Common gauge	11-15 gauge; gauge standard confirmed before production
Finished length	8-24 ft or customized
End structure	One machine-formed loop and one straight end
Loop size	Customized
Surface	Black annealed, oiled black annealed or galvanized
Tensile strength	Customized according to bale material and required load
Elongation	Customized according to the application
Packaging	Straight bundles or coiled bundles; pallet packing available
OEM / origin	OEM service available; Hebei, China

Specification note: tensile strength and elongation must be selected together for the bale material, compression condition and closing method. 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)
1.80 mm	19.97
2.00 mm	24.66
2.20 mm	29.84
2.40 mm	35.51
2.50 mm	38.53
2.70 mm	44.94
3.00 mm	55.49
3.10 mm	59.25

Calculation & Order Reference

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

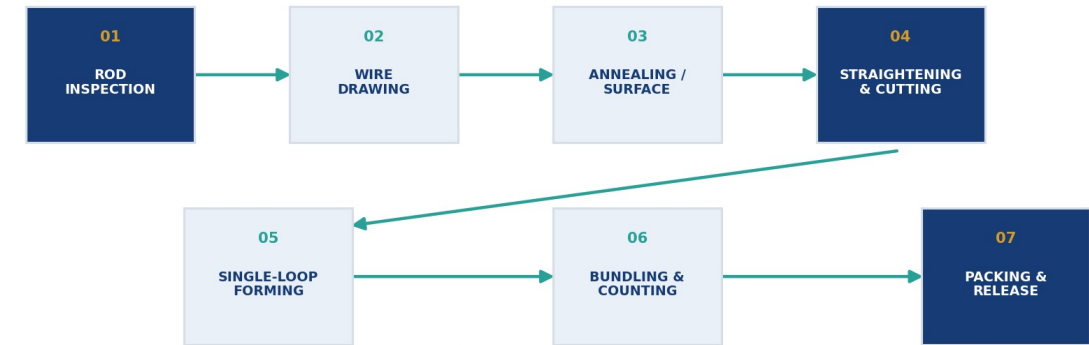
BALE MATERIAL Confirm material, bale size, compressed condition and tie path.	PERFORMANCE Confirm tensile strength, elongation and functional test method.	LENGTH / LOOP Confirm finished length, loop geometry and closure method.
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07 PRODUCT CATALOGUE

MANUFACTURING & QUALITY CONTROL

Controlled drawing, heat treatment, cutting, loop forming and final release checks

CONTROLLED SINGLE LOOP BALE TIE PRODUCTION FLOW



Material, tensile performance, elongation and loop 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 single-loop forming, 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	Process route and appearance against the order	Production setup
Length	Finished length, tolerance and consistency	Setup and production lot
Loop / straight end	Loop geometry, forming and threading-end condition	Production lot
Mechanical function	Tensile/elongation records and approved bale test	As agreed
Bundle & packing	Piece count, labels, protection and shipping marks	Final release

RELEASE BASIS | Diameter + length + loop + mechanical performance + bale function + packing

08 PRODUCT CATALOGUE

PACKING, STORAGE & EXPORT PROTECTION

Straight or coiled bundles configured for handling and delivery



Packing Options

STRAIGHT BUNDLES Aligned pre-cut ties with buyer-specified pieces per bundle.	COILED BUNDLES Coiled configuration available when confirmed for size and handling.	PALLETIZED EXPORT Bundles secured on pallets with labels and shipping marks.
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Recommended Export Protection

01 SECURE BUNDLING Controlled tying supports safe handling and piece-count control.	02 MOISTURE-RESISTANT INNER Plastic film or approved barrier inside the outer packing.
03 DESICCANT WHEN REQUIRED Quantity planned according to packing volume and transit conditions.	04 LABEL & SHIPPING MARK Diameter, length, performance 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 tie specification to bale material, load and closure method

Single Loop Bale Ties are intended for manual bale closure and buyer-approved fastening. Final suitability depends on the bale material, compression condition, tie layout, required load, safety factor, wire performance and user method.

Application Areas

01 CARDBOARD Hand-tied closure for compressed cardboard bales.	02 PAPER Buyer-approved binding for paper and paper-product bales.	03 PLASTIC Customized ties for compressed plastic and film materials.
04 TEXTILES Binding for textile, fabric and related compressed materials.	05 COTTON Application-matched strength and elongation for cotton bales.	06 RECYCLABLES General baling for sorted buyer-approved recyclable materials.

Purchase Order Checklist

ITEM	CONFIRM BEFORE MASS PRODUCTION
Application	Bale material, bale size, compressed condition and tie layout
Wire	Material, diameter in mm, gauge system and tolerance
Length	Finished length in ft/mm and tolerance
Performance	Required load, tensile strength, elongation and test method
Loop / closure	Loop size, straight end and manual closing method
Surface	Black annealed, oiled black annealed or galvanized
Bundle / packing	Piece count, straight/coil form, labels and pallet plan
Approval	Functional sample, 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 Single Loop Bale Ties and customized wire products



QUALITY CREATES LONG-TERM PARTNERSHIPS

SINGLE LOOP BALE TIES | BALING WIRE | HAND-TIE BALING WIRE

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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