FOCUSOURCE

STRAPPING SYSTEMS

Composite strap. Matched systems.

Polyester strapping, wire buckles and application tools



STRAP / BUCKLE / TENSIONER

Product selection and technical specifications

Global supply enquiries | October 2026

www.composite-strapping.com

One system.
Three matched components.

Choose the strap, confirm the buckle, then match the tensioning tool.



01 **Composite strap**

Select model, width, construction and system requirement.

02 **Wire buckle**

Confirm the buckle model and finish for the selected strap.

03 **Manual tensioner**

Check supported width, thickness and application method.

Confirmed strap-and-buckle pairings

Width	Composite strap	Wire buckle
13 mm	CS40	WB13
16 mm	CS50	WB16
19 mm	CS60	WB19
25 mm	CS85	WB25
32 mm	CS105	WB32

Pairings confirmed by FOCUSOURCE. Specify buckle finish and the complete model when requesting a quotation. Width alone does not define a system rating.

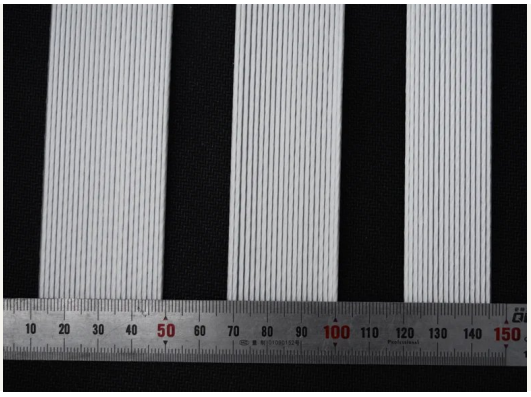
Explore the online buying guides

Composite cord strapping

Polyester yarn reinforcement with a protective polymer coating. Available in flat-yarn and twisted-yarn constructions.



FLAT POLYESTER YARN



TWISTED POLYESTER YARN

Model	Width mm	Thickness mm	Yarn	Linear* daN	System* daN	m/coil
CS40	13	0.85±0.05	Flat	300	480	1100
CS50	16	0.85±0.05	Flat	425	680	850
CS60	19	0.9±0.1	Flat	475	760	600
CS65	19	0.9±0.1	Flat	625	1000	500
CS85	25	1.0±0.1	Flat	785	1256	500
CS105	32	1.1±0.1	Flat	1500	2400	230
CS89	25	1.3±0.1	Twisted	925	1480	400
CS106	32	1.3±0.1	Twisted	1625	2600	230

* Minimum breaking-strength values as listed in the current product specification. Linear and system values are different measurements; neither is an allowable working-load rating. Request the applicable system test record.

Material: High-tenacity polyester
Minimum order: 20 cartons Typical lead time: 10-15 days

View composite strap specifications and system-test videos

Match the construction to the application.

Compare the specific product and complete system, not only the material name or nominal width.

HOTMELT POLYESTER STRAPPING



Polyester yarns bonded with hot-melt adhesive.

Listed widths: 9, 13, 16 and 19 mm.
Colour: white.
Confirm breaking strength and roll length for the selected specification.

Material: Polyester yarns bonded with hot-melt adhesive
Minimum order: 50 Rolls Typical lead time: 7 - 15 days

View hotmelt strap options

WOVEN POLYESTER LASHING





Model	Width	Linear*	System*	Packing
Lash105	32mm	2000 daN	3400 daN	125m/roll; 250m/bag
Lash200	40mm	4000 daN	8000 daN	100m/roll; 200m/bag
Lash500	50mm	4000 daN	8000 daN	100m/roll; 200m/bag

* Minimum breaking-strength values. Confirm the matched buckle, test method and securing arrangement for your application.

View woven lashing and available specifications

The joint is part of the system.

Steel wire buckles for compatible composite strapping. Surface treatment options: electroplating or phosphating.





Item code	Wire dia.	Packing	Gross wt./box	Box size
WB1333	3.3mm	1000 PCS/Box	9.3 kg	35 x 26 x 10.5cm
WB1635	3.5mm	1000 PCS/Box	13.4 kg	35 x 26 x 12.5cm
WB1940	4.0mm	1000 PCS/Box	18.4 kg	35 x 26 x 17.5cm
WB1943	4.3mm	1000 PCS/Box	21.0 kg	35 x 26 x 17.5cm
WB2550	5.0mm	500 PCS/Box	17.4 kg	35 x 26 x 16cm
WB2560	6.0mm	500 PCS/Box	26.0 kg	35 x 26 x 20.5cm
WB3260	6.0mm	250 PCS/Box	15.0 kg	35 x 26 x 16cm
WB3270	7.0mm	250 PCS/Box	22.0 kg	35 x 26 x 19.5cm

WB13 / WB16 / WB19 / WB25 / WB32 identify the confirmed width-based pairing families. Specify the full item code above, including wire diameter, and confirm finish for the final order.

Wire buckle specifications and original threading guide

Connect it.
Tension it.

Match the buckle, strap construction and application tool before ordering.



Lashing buckles

Zinc-plated steel buckles for woven polyester lashing. Available colour options in the specification: silver / yellow.

Material: Zinc-plated steel
Minimum order: 10 boxes Typical lead time: 10-15 days

Model	Width	Packing	Net wt./piece	Colour
FB3030	30mm	100 PCS/Box	200G	Silver/Yellow
FB4040	40mm	50 PCS/Box	260G	Silver/Yellow
FB5050	50mm	50 PCS/Box	380G	Silver/Yellow



Manual tensioning tools

T19 / 19 mm / Green
T25 / 25 mm / Red
T32 / 32 mm / Orange
T50 / 50 mm / Blue



Heavy-duty ratchet tensioner

50 mm application width. Confirm strap construction and securing method.

Support the packing workstation.

Equipment choices for dispensing, tensioning and compatible heat-sealable packaging.



Mobile strapping dispenser

Powder-coated steel trolley.
Listed core options: 200 mm and 400 mm.
Tray for buckles and hand tools.

Material: Powder-coated steel
Minimum order: 5 units Typical lead time: 10-15 days

View product details



Handheld heat sealer

Model FKR400.
Sealing length: 400 mm.
Confirm material, thickness, voltage and power before ordering.

Material: Steel + Plastic
Minimum order: 1 Pc Typical lead time: 10 days

View product details

Tool and accessory compatibility is confirmed for the selected product specification and application.

A closer look at the complete system.

Original demonstration photographs: composite strap, wire buckle and manual tensioner.



01 / Form the strap loop

Prepare a flat loop before threading.



02 / Seat the first loop

Keep the strap flat around the buckle leg.



03 / Position the return loop

Follow the selected buckle threading path.



04 / Remove loose slack

Check both loops are seated.



05 / Load the tensioner

Use the tool’s specified loading procedure.



06 / Apply the system

Tension and finish according to the tool instructions.

Read the full illustrated threading guide

See the process.
Review the evidence.

Watch winding and strap-and-buckle system test demonstrations on our product page.



STRAP WINDING



STRAP + BUCKLE SYSTEM TEST

Width	Strap + buckle	Video
16 mm	CS50 + WB16	System test demonstration
19 mm	CS60 + WB19	System test demonstration
25 mm	CS85 + WB25	System test demonstration
32 mm	CS105 + WB32	System test demonstration

For performance review, request the sample identity, full buckle specification, test method and corresponding record. Demonstration videos do not establish an allowable working load or a guarantee for every shipment.

Scan to watch

Composite strap production and system-test videos

Start with your cargo.

Bring us the load details so we can review the appropriate product combination.



Pallet load securing

Describe the package type, dimensions, mass and handling process.



Container load lashing

Share the cargo arrangement, lashing points and transport route.



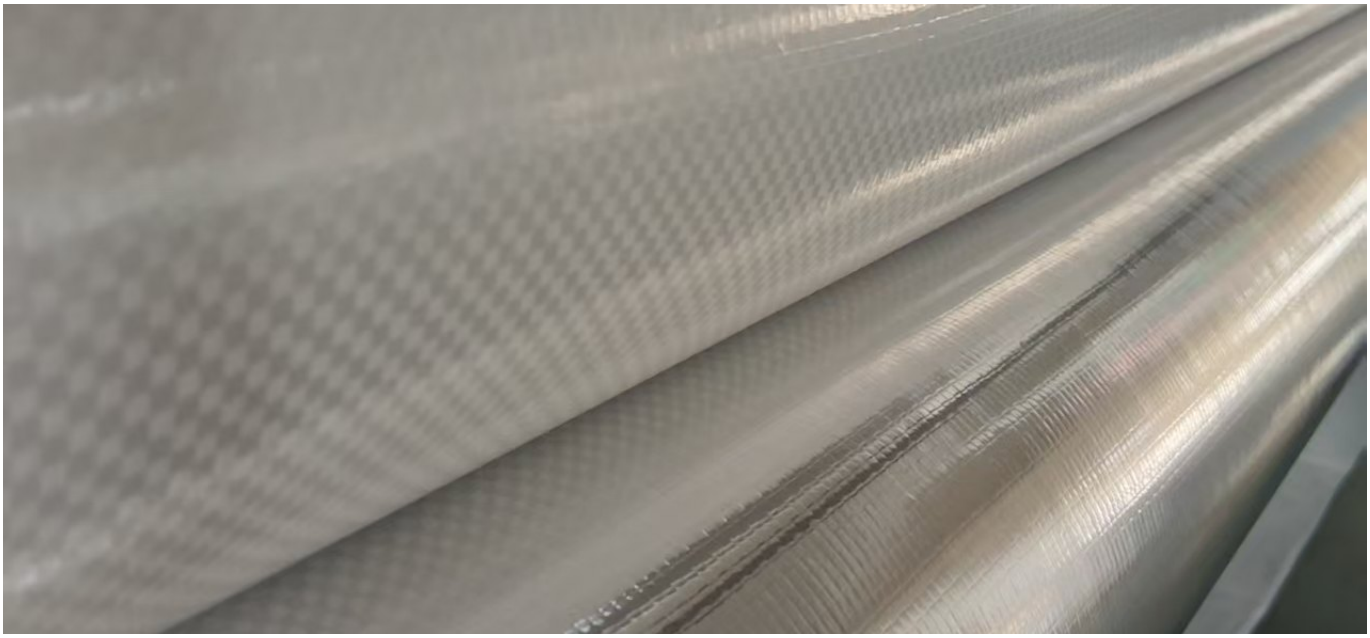
Steel and building materials

Identify sharp edges, surface protection and bundle geometry.

Explore real application photographs

Reflective laminated packaging film.

V-4110 vacuum metallized polyester film with woven polyethylene reinforcement.



Specification	Listed value
Item code	V-4110
Layer structure	VMPET + PE + PE woven + PE
Density	110 g/m²
Thickness	120 µm
Roll size	2 m x 100 m per roll
Net weight	22 kg per roll
Packing	Roll + pallet

Request the complete film specification and test details

FOCUSOURCE

STRAPPING SYSTEMS

Build your matched system.

Send the details that help us prepare a useful quotation.

01 Product model, width and yarn construction

02 Required performance and supporting specification

03 Cargo dimensions, mass and application photographs

04 Buckle and tensioner models already in use

05 Coil length, packing, quantity and destination

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Request a quotation online

www.composite-strapping.com

Specifications reflect the current product listing. Confirm final model, compatibility, packing, lead time and documentation with your quotation.