



STRAPPING


Steel Strapping



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Vanguard Steel Ltd.

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Steel Strapping

Steel Strapping, a high carbon, heat treated steel is used for heavy duty holding where high breaking strength, extra shock resistance with minimal stretch are desired.

Steel strapping is ideally suited for a wide range of strapping requirements, and most often used in complete horizontal or vertical bands for reinforcing shipments and for unitizing and bundling materials to permit more efficient handling.



Width	Thickness	Strength	Coil	Product
Inches		Lbs.	Winding	Code

1/2"	.020"	1,230	Oscillated	4201 2032
5/8"	.020"	1,550	Oscillated	4201 2040
3/4"	.023"	2,200	Oscillated	4201 2348
1-1/4"	.025"	4,060	Ribbon	4201 25116



Coil Winding:

Steel strapping is coiled in either an oscillated pattern or into the width of the strap (ribbon wound).

Oscillated:

The steel strapping is wound in a tight uniform pattern to a coil width between 2 1/2" to 2 7/8".

Ribbon:

The steel strapping is wound onto itself so that the width of the coil is the same as the strap.

Finishes:

All finishes are treated with a hard wax coating. This lubrication allows the strapping to flow smoothly in automated machines, tools and around corners of products.

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Steel Strapping Seals

Steel Seals are intended to ensure proper joint strength in securing steel strapping.



Push Seal



Open Seal

Width	Length: Inches	Packaging (pcs)	Product Code	Seal Type
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1/2"	1"	1,000	4202 0032	Open
5/8"	1"	1,000	4202 0040	Open
3/4"	1.11"	1,000	4202 0048	Open
1-1/4"	2.24"	500	4202 1116	Push

There are several popular types of steel strapping seals.

Open seals

Open, or snap-on, strapping seals are the most common type of strapping clips used. Fast and easy to use, open seals can be placed over the strap before or after tensioning. They maintain strap alignment prior to tensioning the strap and are placed on the overlapping strap ends during or after tensioning. Use these with regular duty strapping sizes on flat surfaces primarily with a feed wheel tensioner.

Push-Type Seals

Closed, or pusher, strapping seals are used for strapping applications involving round or irregular shaped packages

Push-type straps are pre-threaded through the seal prior to tensioning.

formed into a 'lasso' or slip loop, which is then pulled hand tight around the package.

An overlapping flange provides the required strength as the tensioner pushes against the edge of the seal, tightening the package.

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Steel Strapping Tensioners


A steel strapping tensioner is a tool used to tension metal or steel strapping around a load to secure it.

You then use a strapping sealer to crimp or seal the two ends of the steel strapping together



Feedwheel Tensioners


A feedwheel type strapping tensioner is the most common tensioner and the easiest to use. It is also the least expensive style of tensioner

	Strapping width (Inches)	Description	Product code	Weight (lbs/pc)
	3/8 - 3/4"	Feed Wheel Tensioner VGD 920	4203 02448	4.5

Feedwheel Push Tensioner

Like a standard feedwheel tensioner, feedwheel push tensioners combine a clutch plug and feedwheel in a tensioning action that allows for unlimited slack takeup.

The push tensioner applies tension in the opposite direction making it ideally designed for round or irregular packages

	Strapping width (Inches)	Description	Product code	Weight (lbs/pc)
	5/8 - 1-1/4"	Superior Push Tensioner VGD 247	4203 040116	7.1



Steel Strapping Sealer

Manual sealers provide positive sealing action with minimal effort. Light and durable, they lock strap ends into a high strength joint.



Strapping width (Inches)	Description	Product code	Weight (lbs/pc)
1/2"	Double Notched Sealer	VGD-3104	4203 10032 2
5/8"	Double Notched Sealer	VGD-3105	4203 10040 2
3/4"	Double Notched Sealer	VGD-3226	4203 10048 3.36
1-1/4"	Double Notched Sealer	VGD-3180	4203 10116 7.1
1-1/4"	Single Notched Side Action H.D.	VGD-3173	4203 11116 6.7





Steel Strapping Cutters

Steel strapping cutter tools are the simplest and most basic method of cutting steel strapping. Standard and heavy duty steel strapping safety cutters for cutting steel strapping from coil, and dispenser



Strapping width (Inches)	Description	Product code	Weight (lbs/pc)	
3/8-3/4"	Drop Forged Cutter	VGD-100	4203 22448	1.31
3/8-1-1/4"	Heavy Duty Cutter	VGD-230	4203 224116	1.91



Steel Strapping Dispensers

Strapping dispensers are designed to keep your strapping and all your strapping accessories together for easy mobility and use.

Improve loading and banding safety and efficiency by using our strapping dispensers to eliminate awkward and dangerous heavy coils of straps.



Strapping width (Inches)	Description	Product code	Weight (lbs/pc)
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3/8 - 1-1/2"

Automatic brake.
10" Diameter Wheels
Trolley type with tool box
Outer Steel Disc 25" in Diameter

VGD720HS 4203 30112 59



3/8 - 2"

Trolley Brake
8" Diameter Wheels
Trolley type with tool box
Outer Steel Disc 25" in Diameter

VGD430HS 4203 30200 75



Trolley Brake

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