

STEEL STRAPPING

- Steel Strapping
- Manual Tools
- Metal Seals

Size

- Width : 12.7mm(1/2") to 32.0mm(1 1/4")
- Thickness : 0.5mm(.020") to 0.9mm(.035")

Grade

- Regular Duty (Standard Duty)
- High Tensile (Regular Heavy Duty)

Color(Finished)

- Bright (Crude) and oiled
- Blued & Waxed
- Painted & Waxed
- Zinc Coated and waxed

Wound Type

- Oscillated Wound (OW)
- Mill Wound (MW)
- Ribbon Wound (RW)
- Mini Ribbon Wound(MRW)
- Jumbo Coils

OVR STEEL STRAPPING

OVR

12.7mm(1/2")
Blue Tempered

OVR

16mm(5/8")
Zinc Coated

OVR

19mm(3/4")
Brown Painted

OVR

25mm(1")
Green Painted

OVR

32mm(1 1/4")
Black Painted

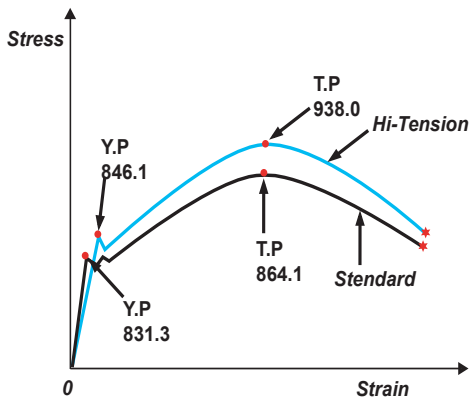


STEEL STRAPPING

OVR Steel Strapping is...

OVR Steel Strapping produces by the carbon steel of superlative quality in Korea and OVR Steel Strapping that is excellent for heavy duty package, and has various specifications steel strapping so that can use for any package purpose. Also, when doing work of manual processing or machine workability is excellent because they have excellent elasticity stability and straightness.

We are applying exacting tolerance guide of gauge to the all Strapping process for compatibility of Auto machine and Pneumatic tool.



OVR Regular Duty(Standard Duty) Steel Strapping - RD or SD

RD Steel strapping made of Cold rolled low carbon Steel (C%-0.14)
Basically, unit tensile strength is Ave. 81 ~ 84 kgf (797 ~ 830N) per mm².

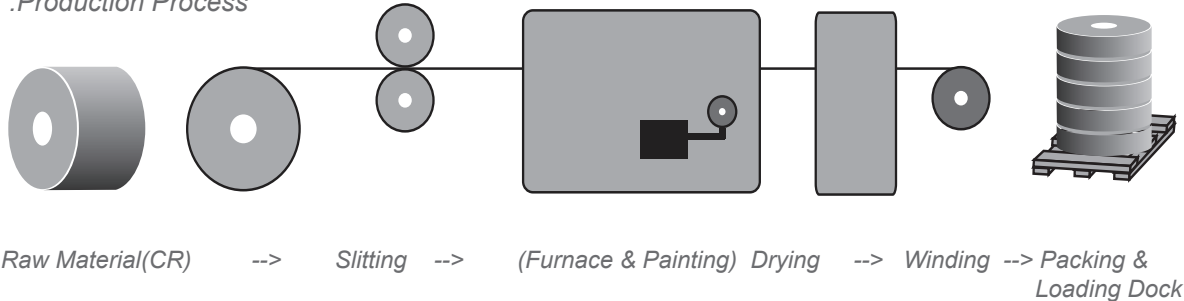
OVR Regular High Tensile Steel Strapping - RHT

RHT Steel strapping made of Cold rolled medium Carbon Steel (C%-0.22)
Basically, unit tensile strength is Ave. 87 ~ 92 kgf (850 ~ 905N) per mm².

OVR High Tensile Steel Strapping – HT

HT Steel strapping made of Cold rolled low Manganese Steel (Mn%-1.5) or Heat treated Cold rolled medium Carbon Steel.
Basically, unit tensile strength is Ave. 95 ~ 103 kgf (930 ~ 1020N) per mm².

*.Production Process



Application of Steel Strapping

- Steel coil packing
- Steel Sheet Packing
- Rectangular Bulk Packing
- Rectagonal packing for Steel Tube
- Hexagonal for Steel Tube
- Timber Packing
- Brick Packing
- Other heavy weight products packing

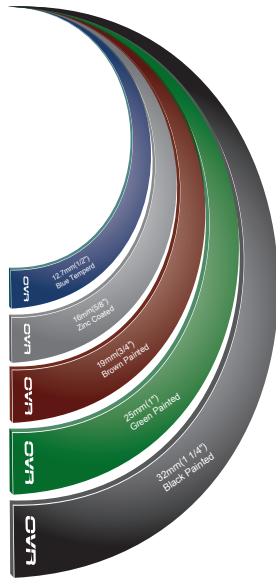
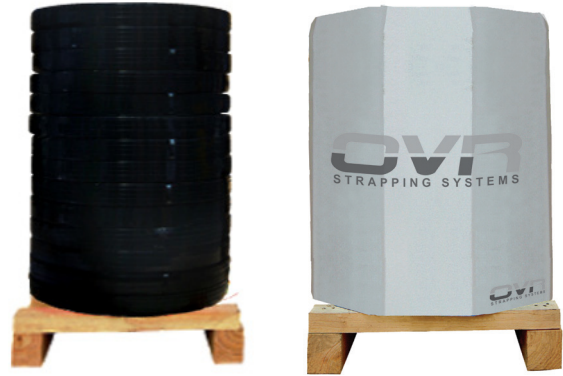


Size (International standard sizes for Steel Strapping)

- Width : 12.7mm(1/2") to 32.0mm(1 1/4")
- Thickness : 0.5mm(.020") to 0.9mm(.035")

Grade

- Regular Duty (Standard Duty) :
Tensile Strength : Min. 780 N/mm², Max. 820 N/mm²
Elongation(L-5D) : 2 ~ 3%
- Regular High Tensile (Regular Heavy Duty) :
Tensile Strength : Min. 850 N/mm², Max. 880 N/mm²
Elongation(L-5D) : 4 ~ 6%
- High Tensile (Heavy Duty) :
Tensile Strength : Min. 910 N/mm², Max. 950 N/mm²
Elongation(L-5D) : 7 ~ 9%



Color(Finished)

- Bright (Crude) and oiled
The surface finish is steel natural color(dark silver) with oiled.
Bright strap is just slitting natural full hard coil and winding.
- Blued & Waxed :
The surface finish is blued by a flame process.
Bluing the steel burns off foreign material from steel.
Blued strap is an economical alternative that offers similar characteristics as painted strap at lower cost, but weak the rust resistance.
- Painted & Waxed :
Painted strapping is put on base of Blued strap and add process painting so that typically available in black, brown, green and other colors.
- Zinc Coated and waxed :
Commonly used for prolonged outside storage, this finish offers greater rust resistance than regular painted material.

Wound Type

- Oscillated Wound (OW), or Mill Wound (MW) :
The steel strapping is wound in a tight uniform pattern to a coil width between (w)12.7mm ~ 19.0mm
- Ribbon Wound (RW) :
The steel strapping is wound onto itself so that the width of the coil is the same as that of the strap.
- Jumbo Coils :
Steel strapping can be wound into coil that weighs greater than 350 ~ 380kg. For technical aspects, consultation is needed prior to ordering.

Inner Diameter for Strapping

- Oscillate (Mill, Rope wound) : I.D 406mm
- Ribbon : I.D 300mm and 406mm
- Mini Ribbon : I.D 200mm

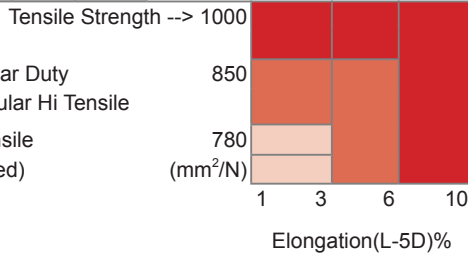
Packing Type

- Export standard – VCI anti-rust film, Carton or Kraft Plastic paper shroud on IPPC wooden or Steel pallet.
- Domestic Standard – Individual packing each coil



Specification of OVR Steel Strapping

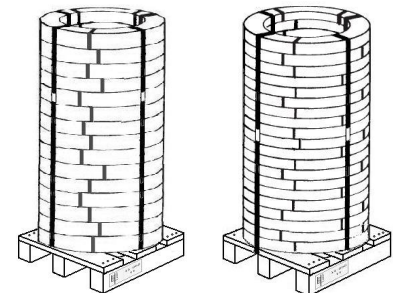
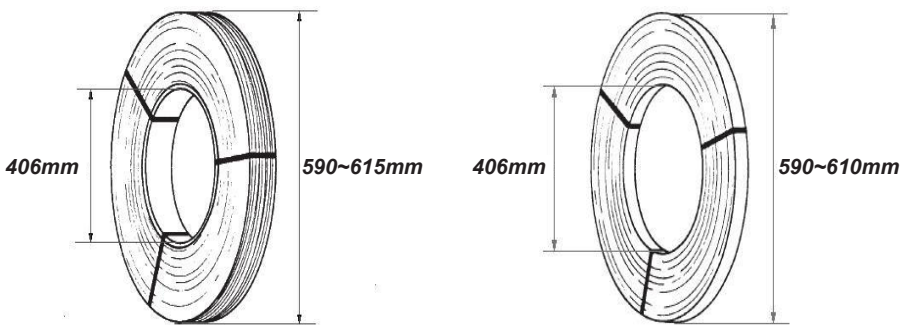
Width		Thickness		Length	Grade			Finished			Wound			Core											
Inch	mm	Inch	mm	(M/kg)	RD	RHT	HT	Blue	Paint	Zinc	OSC	RIB	Jumbo	ID406	ID300	ID200									
1/2	12.7	.015	0.41	26.40	o	N/A	N/A	o	o	o	o	o	N/A	o	o	o									
		.020	0.50	19.80	o	o	N/A																		
		.023	0.60	17.20	o	o	N/A																		
5/8	16.0	.015	0.41	21.10	o	N/A	N/A																		
		.017	0.45	17.30	o	N/A	N/A																		
		.020	0.50	15.90	o	o	N/A																		
		.023	0.60	13.80	o	o	N/A																		
3/4	19.0	.020	0.50	13.20	o	o	N/A																		
		.022	0.56	12.20	o	N/A	N/A																		
		.023	0.60	11.50	o	o	o																		
		.025	0.64	10.71	N/A	o	o																		
		.028	0.70	9.57	o	N/A	o																		
1	25.0	.031	0.80	8.38	o	o	o										Non-paint + Waxing	Available Colors : - Black - Brown - Green + Waxing	Zinc Coated (Gray Color) + Waxing	N/A	o	o	o	o	o
		.029	0.74	7.02	N/A	o	o																		
		.031	0.80	6.57	o	o	o																		
		.035	0.90	5.56	o	o	o																		
1 1/4	32.0	.025	0.64	6.25	N/A	o	o																		
		.029	0.74	5.49	N/A	o	o																		
		.031	0.80	4.97	o	o	o																		
		.035	0.90	4.42	o	o	o																		
		.044	1.00	3.98	o	o	o																		



*RD : Regular Duty
*RHT : Regular Hi Tensile
*HT : Hi Tensile (Heat Treated)

	Coil Width	Ave. Coil weight
OSC	61.5mm±4mm	40 ~ 50 kg
RIB	Same as strap width	(W)12.7~19mm : 20 ~ 25 kg (W)25~32mm : 40 ~ 55 kg
Mini RIB (ID200)	Same as strap width	(W)12.7mm : 10 kg (W)16.0mm : 12.5 ~ 13 kg (W)19.0mm : 15 kg
Jumbo	192mm±5mm	(W)25~32mm : 150 ~ 220 kg

Export Packing



Number of coil on a pallet

OSC(Oscillated Rope Mill Wound):
15 ~ 17 Coils - Standard stack

RIB(Ribbon Wound):
(W)12.7~19mm : 30 ~ 34 Coils
- Standard stack
(W)25~32mm : 15 ~ 22 Coils
- Standard stack

MINI RIB(ID200 Ribbon Wound):
(W)12.7mm - 40 Coils
(W)16.0mm - 30 Coils
(W)19.0mm - 25 Coils

Jumbo(Jumbo Wound):
3 ~ 4 Coils - Standard stack

Pallet

Wood (IPPC heat treatment)
Steel

Shroud

Inner Cover : VCI anti-rust film
Outer Cover : Carton Box
or Poly woven

Individual coil packing (Add cost)

Wrapped with PP fibered paper
Individual Box pack
(Only ID200 Mini RIB available)

Accessories of Steel Strapping

Manual Tools for Steel Strapping



Model : OV-BHP-2532
Type : Push type Tensioner
Strap Width : 19.0mm(3/4") to 32.0mm(1 1/4")
Strap Thickness : 0.6mm(0.31") to 1.2mm(0.047")



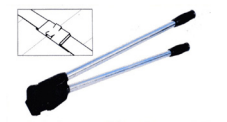
Model : OV-BTC-32
Type : Windlass Type Tensioner with Cutter
Strap Width : 19.0mm(3/4") to 32.0mm(1 1/4")
Strap Thickness : 0.6mm(0.023") to 1.2mm(0.047")



Model : OV-EFT-190
Type : Feed Wheel Type Tensioner
Strap Width : 13.0mm(1/2") to 19.0mm(3/4")



Model : OV-BTS-19
Type : Rack & Pinion Type Tensioner
Strap Width : 13.0mm(1/2") to 19.0mm(3/4")
Strap Thickness : 0.4mm(0.015") to 0.8mm(0.031")



Joint Type :
Single Reverse Notch
Type Sealer

Model : OV-BSU-19
Strap Width : 19.0mm(3/4")
Strap Thickness : 0.4mm(0.31") to 1.2mm(0.047")



Joint Type :
Single Down Notch
Type Sealer

Model : OV-BSU-25
Strap Width : 25.0mm(1")
Strap Thickness : 0.4mm(0.31") to 1.2mm(0.047")

Model : OV-BSS-19
Strap Width : 19.0mm(3/4")
Strap Thickness : 0.4mm(0.31") to 1.2mm(0.047")

Model : OV-BSU-32
Strap Width : 32.0mm(1 1/4")
Strap Thickness : 0.4mm(0.31") to 1.2mm(0.047")

Model : OV-BSS-25
Strap Width : 25.0mm(1")
Strap Thickness : 0.4mm(0.31") to 1.2mm(0.047")

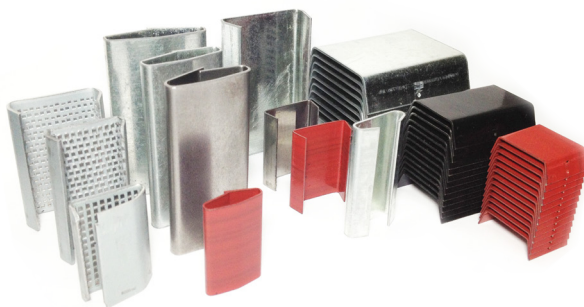


Model : OV-BSC-25
Type : Side Action Type Cutter
Strap Width : 13mm (1/2") to 25mm (1")
Strap Thickness : 0.4mm(0.015") to 0.7mm(0.027")



Model : OV-BSC-50
Type : Side Action Type Cutter
Strap Width : 13mm (1/2") to 50mm (2")
Strap Thickness : 0.4mm(0.015") to 1.0mm(0.040")

Metal Seals for Steel Strapping



Specification of Metal Seals : OVR Catalogue "OVRSS-MS004 V.2012"

Application Seals of Strap Size

-9.5mm(3/8") : Nestack, Snap-on and Push Type
-12.7mm(1/2") : Nestack, Snap-on and Push Type
-16.0mm(5/8") : Nestack, Snap-on, Thread-on and Push Type
-19.0mm(3/4") : Nestack, Snap-on, Thread-on and Push Type
-25.0mm(1") : Snap-on, Thread-on and Push Type
-31.7mm(1-1/4") : Nestack, Snap-on, Thread-on, Push Type
(Available Heavy Duty's USLM type)

Surface Treatment :

Thickness 0.4mm ~ 0.6mm available Red painted and C/R(unpainted)
Thickness up to 0.8mm available Galvanized and C/R(unpainted)

* Packing : Carton Box, Poly bag(500pcs ~ 10000pcs)

OVR Strapping Systems

**Best Quality, Cost effective products,
Best services for supply**

www.ovrpack.com



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