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INDEX



One Way Lashing System..... 01



Ratchet Lashing System..... 02



Polyester Lifting Slings..... 03



Polyester Composite Straps..... 04



Manual Strapping Tools.....06



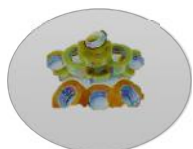
Accessories.....07



Strapping Tools.....08



Consumables.....12



Bopp Tape..... 13



Packaging Materials.....14

ONE WAY LASHING SYSTEM / POLYESTER WOVEN LASHING

Polyester woven lashings and strapping made from high tenacity polyester yarns has the highest tension retaining & shock absorbing capacity, with maximum joint efficiency and can secure cargo of more than 100 metric tons. It ensures rust free, scratch free, fungus free and damage free, lashing system. This lashing system is highly cost effective.



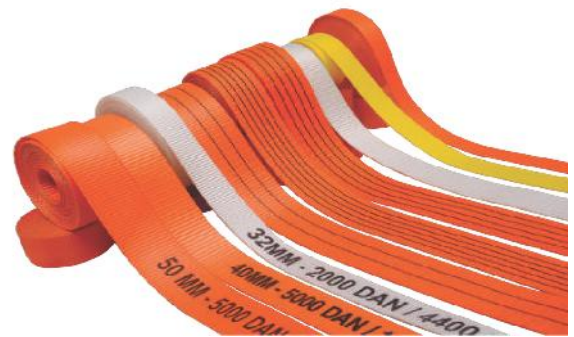
Features:

- High strength, high elasticity. excellent elongation and retained tension.
- Very high shock absorbency capacity and recovery.
- Weather proof and high operative temperatures.
- Safe on products, scratch free and rust free.
- Safe to use
- Lighter than steel, easy and fast to apply
- Retensionable.

Polyester Woven lashing and strappings are available in sizes of:

16 mm, 19 mm, 25 mm, 35 mm, 40 mm & 50 mm

With variable break loads. From 1 ton to 10 tons



Lashing for Heavy Jobs



RATCHET LASHING SYSTEM

Endless Ratchet Lashing: (Single Part System)

- Endless type ratchet lashing (Single part system) comprises of a Ratchet (tensioning device) which is attached to the webbing.
- Used for holding & unitizing purpose.
- Advantage: Reusable system, Cost saving.
- The system is available in widths of 25mm, 50mm & 75mm, customize options are also available.



Cargo Ratchet Lashing: (Two Part Assembly Type / Tie down System)

- Ratchet cargo lashing (two-part system) comprises of:
 1. Ratchet with short Webbing belt & J hook.
 2. J hook with webbing belt (customized length).
- Used to secure cargo while transportation in flat bed trailers, containers & open trucks.
- Advantage: Reusable system, Cost saving.
- The system is available in widths of 25 mm,



POLYESTER LIFTING SLINGS (WEBBING BELT / WEBBING SLINGS)

Polyester Lifting Belt (Webbing belt / Webbing Slings) are manufactured from high tenacity polyester webbing, color coded for ease of identification for lifting they are available in four basic types: Simplex, Duplex Triplex and Endless.

Eye to Eye Lifting Belt

- Belts are made from flat woven webbing with Eye to Eye loop at ends,
- Available from 25 mm – 1-ton capacity to 300 mm – 36-ton capacity.
- In Simplex, Duplex, Triplex layers for different loads.

Endless Lifting Slings

- Belts are made from polyester woven webbing which is either sewn to each other at the end or woven endless without seam.
- Available from 25 mm – 1-ton capacity to 300 mm – 24-ton capacity.
- In Simplex, Duplex layers for different loads.



ROUND POLYESTER SLINGS

Round Slings are made with multiple high tenacity yarns covered in a jacket. Yarns are hank wound continuously in form of endless & is enclosed in a protective cover. Outer cover is seamless polyester sleeve of double thickness constructions & has an excellent abrasion resistance.

- Available from 1 to to 300 tons.



Narrow Woven Fabric / Webbing Rolls for Slings / Lifting Belt

Narrow Woven Fabric Rolls are readily available for manufacturing of:

- Polyester Slings / Lifting Belts.
- Ratchet Lashing Systems.

Available in Widths:

- 25mm to 300 mm.

Load Capacity:

- 1 ton to 12 tons.



POLYESTER COMPOSITE STRAPS

Composite strapping are made from high tenacity polyester yarns bonded with Advanced Adhesive Technology and with the anti-skid outer coating clings to wood paper, metal, glass, marble, stretch wrap, polythene and all other surface preventing any strap movement from the harmonic vibrations of in transit shipping.

- Low elongation, high recovery with Cross Directional Strength.
- Resistant to abrasion, solvents, weathering, heat and water.
- Extremely lightweight and flexible.
- Prevents damage to cargo.
- Cost effective / easy to recycle.



Size	Break Strength		
13 mm	200 kg	1100 meters	2 Rolls
16 mm	425 / 550 kg	850 / 700 meters	2 Rolls
19 mm	450 kg	700 meters	2 Rolls
25 mm	790 / 950 kg	500 / 450 meters	2 Rolls
32 mm	1600 kg	300 meters	2 Rolls

Drum Lifting

- This assembly is produced with Polyester webbing & Ratchet.
- Assembly can be customizing.



Multi legged Slings

- This slings are provided with wide range of fittings.



OTHER PRODUCTS

Dunnage Air Bags

- Available in Craft Paper & Woven PP material.
- Size: 60 / 90 cm to 120 / 240 cm.



HM LINER BAGS

THICKNESS: 100 Guage to 800 Guage
WIDTH: Sizes as per requirement



COMPLETE RANGE OF LASHING & STRAPPING TOOLS

P- 330



Tensioner with Gripper

For Size: 12 mm / 15 mm
Composite Strap

P - 243



Tensioner

For Size: 19 mm
Composite Strap

P - 472



Giant Heavy Duty Aluminum

Tensioner with Flat Gripper
For Size: 25 mm to 48 mm

P - 482



Giant Heavy Duty Aluminum

Tensioner with Leg Gripper
For Size: 25 mm to 48 mm

P-475 NF



Tensioner with Nose function

For Irregular and Round Package
For Size: 19, 25 & 32 mm

PH-320/350



Giant Heavy Duty Tensioner

PH 320 Size: 25 & 32 mm
PH 350 Size: 48 & 50 mm

R50 XXL



Heavy Duty Ratchet Tensioner

For Size: Up to 50 mm Woven
Straps

ACCESSORIES

Wire Buckles

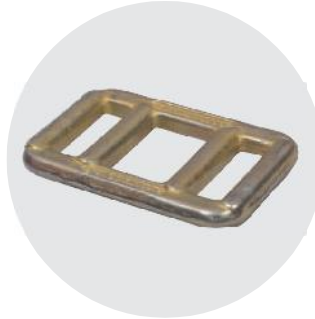
Available Size:

- 13 mm, 16 mm, 19 mm, 25 mm & 32 mm.
- Used for light lashing Applications.



Frame / H Buckles

- Forge Buckle & Welded Buckles.
- Available in 40 mm & 50 mm Widths.
- Used for heavy duty one-way lashing system.



Sheet Metal Buckles

Available Size

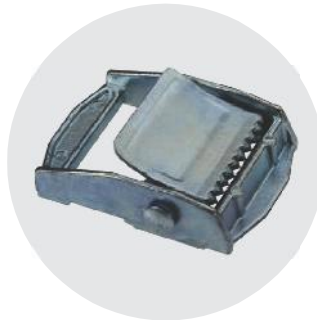
- 35 mm Width.
- Used for moderate load capacity.



Cam Buckle

Available Size

- 25 mm & 35 mm.



D Shackles

Available Size

- 1 ton to 100 tons.



J Hook

Available Size:

- 25 mm, 50 mm & 75 mm Width.



Ratchet & Accessory



STRAPPING TOOLS

Battery Power Tools



ZP-93/97

Strap Width	12-19 mm
Thickness	0.65-1.2
Strap Application	PP/PET
Motor	Brushless 24vdc motor technology
Tension range	2500N(250 kg)
Battery	Bosch 18v
Tool weight	3.4 kg



ZP226C/9C

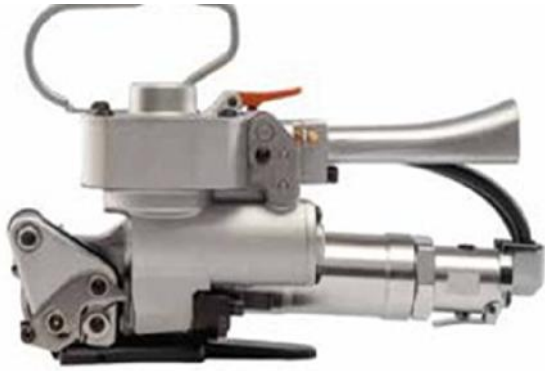
Strap Width	12-19 MM
Thickness	0.65-1.27
Strap Application	PP/PET
Motor	Brushless 24vdc motor technology
Tension range	2500N (250 kg)
Battery	Li-lion
Tool weight	3.6 kgs



ZP-CT 32A

Strap Width	19-32 mm
Thickness	0.85-1.65 mm
Strap Application	Composite strap/Lashing strap/woven belts
Tension range	300-800 DAN
Battery	Bosch 18V
Tension adjustment	ECB
Motor	Brushless 24vdc Motor

Pneumatic Strapping Tools (PP/PET)



Strap Width	12-19 /25 mm
Thickness	0.65-1.27
Tension range	2500N (250 kg)
Air Pressure	0.5-0.7 MPA
Strap Application	PP/PET strap
Machine Weight	3.5 kg
	Push cutting technology Tension, cutting and sealing all in one

AQD 19/25



Strap Width	12-19 /25 mm
Thickness	0.65-1.27 mm
Tension range	3000 kg (300 kg)
Air Pressure	0.5-0.7 MPA
Strap Application	PP/PET Strap
Machine Weight	3.8 kg
	Friction cutting technology Tension, cutting and sealing all in one

HD AQD



Strap Width	19-40 mm
Thickness	0.79-1.27 mm
Tension range	8500 N (850 kg)
Air Pressure	4-5 Bar
Strapping speed - 5m/min	5 m/min
Tool Weight	5 kg

PR-CS 32

(Composite/Woven Strap)

STRAPPING TOOLS

Manual Strapping Tools (PET/PP Hand Tools)



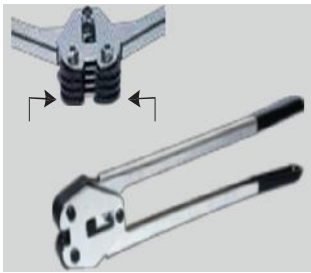
Tensioner P330

Lightweight & Economical Tensioner	
for 12-19mm PET & PP Strapping	
P330 Tensioner Make	
P330 China Make	



Tensioner P243

Heavy Duty Tensioner for PET Strap up to 25mm width



Sealer C5004/C5015 (off-set type)

High Quality Long Handle (17") Pet Strapping Sealer	
C5004 for 12mm Pet Straps. Use With 12 mm Seals	
C5005 for 15mm Pet Straps. Use With 15 mm Seals	
C5006 for 19mm Pet Straps. Thickness From 0.8 Mm Up	



C 3014 / C 3015 / C 3016

Long Handle(17") Labor Saving PP Strapping Sealer	
All Metal Parts Are Heat - Treated	
C 3014 For 12mm Straps	
C 3015 For 15mm Straps	
C 3016 For 19mm Straps	

Manual Strapping Tools (Steel Strapping Hand Tools)



SI 200 - Taiwan Make | A 333 - China Make

Seal-less Steel Strapping Combination Tool	
Strap Gauge Range	0.38~0.70 mm
Strap Width Range	12, 16 & 19 mm All-in-one Tool



Tensioner 290

Deluxe Pusher Tensioner for 12 mm~15mwidth	
Thickness 0.6 mm Max Steel Straps	
Use Closed Seals While Applying Steel Strap	

STRAPPING TOOLS

Manual Strapping Tools (Steel Strapping Hand Tools)



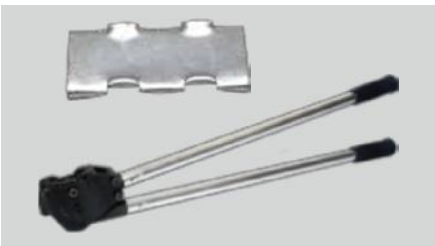
Tensioner 249

Heavy Duty Pusher Feed - Wheel Tensioner	
For 3/4"~1.1/4" X 0.6~1.2mm Max Steel Strapping	
Good for Both Round and Flat Package	



Tensioner S300

Strap Width	up to 32 mm (max.)
Strap Thickness	up to 1.27 mm (max.)



Sealer C3160/C

Double Notched Side Action Steel Strapping Sealer with Aluminum Pipe Handle	
C3180 for 1 1/4 X 0.035" Straps	
C3160 for 3/4" Straps Thickness from 0.025" Up	



Sealer C3104/C3105/C3106

Double Notched 11" Handle Steel Strapping Tool (Use Open Seal)	
All Metal Parts Are Heat-treated	
C3104 For 12mm Straps	
C3105 For 15mm Straps	
C3106 For 19mm Straps	



Cutter H300

High Carbon Steel Strap Sealer	
For Straps	19-32 mm
Thickness	up to 1 mm

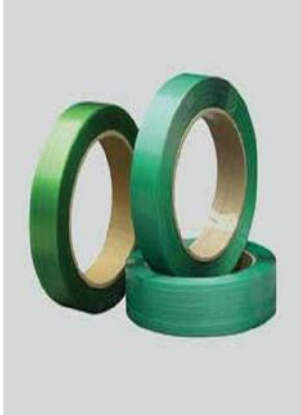


Cutter H410

High Carbon Steel Strap Cutter	
For Straps	19-32 mm
Thickness	Upto 1.27 mm

CONSUMABLES

PET Strap



Applications

PET strap is substitute of steel strap, used for palletizing, packaging, bundling, etc. It is used with manual packing tool through clip sealing or battery operated sealing machine

Code	Size x Thickness (mm)	Break Strength
1160	11.00 x 0.60	2600 N
1260	12.00 x 0.60	2900 N
1570	15.00 x 0.70	4500 N
1580	15.00 x 0.80	5000 N
1980	19.00 x 0.80	6600 N



Specification

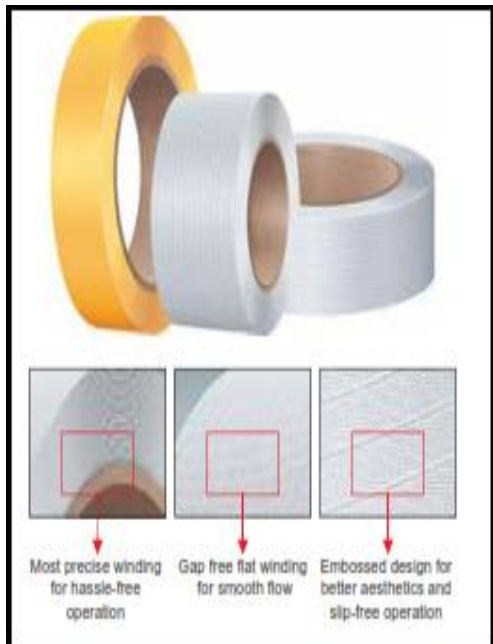
Elongation	9-12%
Elastic Returns	7%
Strap Color	Green*

* other colors available

Surface Finish	Embossed / Plain
Core Size	203 mm / 406 mm
Variation	0 to -7.5% in length

Customized printing & sizes available

PP Strap



Polypropylene strap is produce from 100 % virgin PP granules for smooth & trouble free running on fully automatic machines

Code	Size x Thickness (mm)	Break Strength
960	09.00 x 0.60	80 KG
1260	12.00 x 0.60	110 KG
1560	15.00 x 0.60	130 KG

Specification

Elongation	up to 25%
Elastic Returns	-
Strap Color	White*

* other colors available

Surface Finish	Embossed
Core Size	203 mm ID/ 188 L mm
Variation	0 to -7.5% in length

Customized printing & sizes available

Bopp Tape



Size 12 mm to 72 mm
Thickness 45/50micron
Length 65/650meters
Type Brown / Transparent

Stretch Film



Width	75 mm to 500 mm
Thickness	9 micron up to 30 micron

Metal Clips

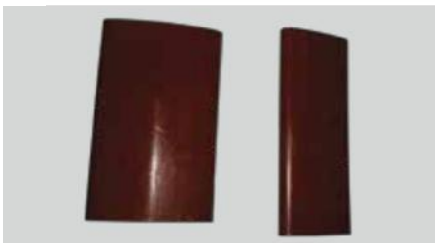


Gripper [Serrated] Seals for PET Strapping 30 mm Long

GP 12 for 12 mm Straps

GP 15 for 15 mm Straps

Metal Seals



For Steel Straps

GPS 19 for 19 mm Straps

GPS 32 for 32 mm Straps

AIR BUBBLE ROLL



MATERIAL: LDPE 100% Virgin Material.

STANDARD ROLL: 1mtr. / 1.5 mtr / 2 mtr. Width x 100 mtr. Length

FEATURES: Shock absorption, impact resistance, non-toxic, moisture - proof

CORRUAGATED ROLLS



THICKNESS: 120 gsm. – 200 gsm.

WIDTH: 32” To 51”

LENGTH: Comes in Kilograms.

FEATURES: The corrugated paper rolls are generally used in packaging of diversified industrial products.

P E CROSSLINKED SHEETS



THICKNESS: 1mm. to 50mm.

WIDTH: 1 mtr.

LENGTH: 2 mtr.

COLOUR: WHITE / BLACK / GREY

FEATURES: Cross-linked polyethylene foam is an aesthetically pleasing material that provides a wide range of performance benchmarks. Cross-linked polyethylene foam can be laminated, embossed, thermoformed, die cut, sewn, printed and pressure sensitive adhesive coated.