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Pallet  
Bands

The efficient and economical way to stabilise  
pallets loads or a variety of oversized products



# Pallet Bands

## Pallet Rubber Bands Elastic Bands Elastic Logistic Straps

The efficient and economical way to stabilize pallets loads or a variety of oversized products



An eco friendly, reliable solution



Reusable

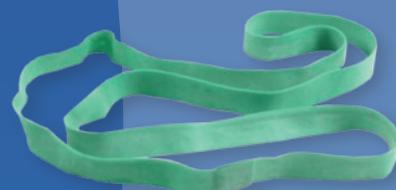


Reduces stretch film waste



Easy on and Easy off

- 3 Selecting The Best Pallet Band To Secure Your Loads
- 4 The Advantages Of Using Pallet Bands
- 5 Premium Pallet Bands
- 6 Classic Pallet Bands
- 7 Superior Stretch Rubber Bands
- 8 Heavy Duty Elastic Bands
- 9 Elastic Logistic Straps
- 10 Optimizing Load Stability And Security
- 11 How To Fit A Pallet Band



Explore our range of protective wrapping solutions that work for your business and your customers. For further information on any of our solutions and how it can protect your own product range, please call us on:

033 033 300 21 or email [sales@acopia.co.uk](mailto:sales@acopia.co.uk)

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### Selecting The Best Pallet Band To Secure Your Loads

TYPE OF LOADING	Cardboard Packaging				Variable Loading
					
RECOMMENDED RANGE	<b>Heavy Duty Elastic Bands</b> 	<b>Classic Pallet Bands</b> 	<b>Superior Stretch Rubber Bands</b> 	<b>Premium Pallet Bands</b> 	<b>Elastic Logistic Straps</b> 
KEY FEATURES	Designed to withstand high forces  Best resistance to shear, wear and UV	User friendly  Extensive range, various colours and dimensions	Highest elongation with high breaking force  Approved for contact with foodstuffs	Extended lifetime  Indoor or outdoor use	Adjustable tension and size  Allows strapping goods to the pallet



# Pallet Bands

## The Advantages Of Using Pallet Bands



### Ergonomic

Easy to place, with a non-restrictive posture.

### Waste reduction

The bands are reusable many times, as opposed to common palletizing methods such as stretch wrapping film.

### Increases productivity: Easy on, Easy off

Place and remove in just seconds.

### Environment friendly packaging solution

The pallet elastic helps prevent overuse of plastic packaging materials to support companies in their environmental responsibility and CSR policy.

### Cost saving

No expensive equipment necessary for its use with very low volume of waste.

### Facilitates order preparation or picking

Packages are accessible by simply lowering the rubber band on the pallet. The elastic can be used to hold large cartons open.

### Reduces the risk of work-related incidents and minimises material damage caused by cartons falling.

Reduces displacement and increases the stability of goods subject to vibration during pallet transport or during sudden deceleration.

### Ideal for the food industry

Great alternative to plastic stretch film; the pallet bands allow air to circulate around the consumables, avoiding conditions favourable to the appearance of molds and other germs.



A precious ally for the unloading of your bulk loaded containers



Use to keep the cardboard flaps down and facilitate filling or access to goods



Allows a 30° angle of inclination of the pallets with a single suitable elastic



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## Premium Pallet Bands

The Premium pallet band was designed for extended lifetime.

The improved formula offers an increased UV resistance, a higher returning force and the buckle allows workers to adjust the strength if required.

The Premium pallet band will be perfect outdoor or indoor for a variety of uses such as holding cartons on pallets in warehouses or pallet covers outdoors. If you need specific strengths or lengths, we can easily provide samples and custom-made lengths.



### Characteristics

- 80% natural rubber with good UV resistance
- Extended life cycle
- Tacky surface preventing the band to slip while using / putting around a pallet
- Nylon buckle for adjustable length
- Improved returning force for optimal stabilization of the load

Reduce the pallet band size to increase tension



### Applications

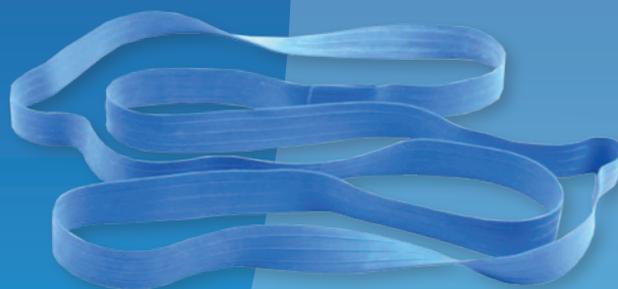
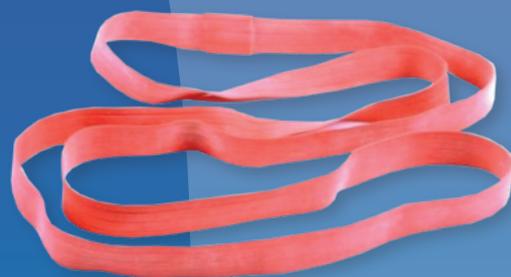
- Adjustable size/strength to suit your needs
- Outdoor and indoor use
- Recommended for extensive use
- Stabilization of cartons on most common pallet sizes
- Holding protection covers over pallets

### Stock range

Load Weight	Pallet sizes (cm)	Colour	Circumference (mm)	Width (mm)	Thickness (mm)	Packaging
Medium	80 x 120 or 100 x 120	Black	1600	18	1.5	20 x 10 pieces
Heavy	80 x 120 or 100 x 120	Black	1900	21	1.7	16 x 10 pieces

### Specifications

Premium Pallet Band	Resistance to U.V.	Force when fitted on a pallet of 80 x 120 cm (Newtons at % elongation)	Force when fitted on a pallet of 100 x 120 cm (Newtons at % elongation)	Break Strength (Newtons)
Medium (Black)	Good	30N at 150%	35N at 175%	320N
Heavy (Black)	Good	40N at 111%	44N at 132%	420N



## Classic Pallet Bands

These pallet bands, made of 80% natural rubber, are widely used in warehouses to consolidate and stabilize pallet loads.

Thanks to an extensive range, you will find a classic pallet band with perfectly suited length and strength ratio for each use - making it easy to fit.

### Characteristics

- 80% natural rubber
- High elongation
- For indoor or short-term outdoor use
- A choice from a large range of dimensions and colours
- User friendly

### Applications

- Stabilization of cartons on all type of pallet sizes
- Holding protection blankets for furniture movers
- Holding protective covers over goods

### Stock range

Load Weight	Pallet sizes (cm)	Colour	Circumference (mm)	Width (mm)	Thickness (mm)	Packaging
Light/Medium	80 x 120	Green	1300	19	1.6	20 x 10 pieces
Medium	80 x 120	Red	1680	22	2	10 x 10 pieces
Medium	80 x 120 or 100 x 120	Blue	2000	25	2	7 x 10 pieces
Medium/Heavy	100 x 120 or 120 x 120	Blue	2400	25	2.5	7 x 10 pieces
Heavy	80 x 120 or 100 x 120	Black	1800	40	1.8	6 x 10 pieces

### Specifications

Classic Pallet Band	Resistance to U.V.	Force when fitted on a pallet of 80 x 120 cm (Newtons at % elongation)	Force when fitted on a pallet of 100 x 120 cm (Newtons at % elongation)	Break Strength (Newtons)
Light/Medium (Green)	-	27N at 208%	-	250N
Medium (Red)	-	30N at 138%	-	360N
Medium (Blue)	-	30N at 100%	32N at 120%	400N
Medium/Heavy (Blue)	-	-	33N at 83%	500N
Heavy (Black)	-	43N at 122%	48N at 144%	750N



## Superior Stretch Rubber Bands

With 97% natural rubber content, the superior stretch pallet bands can be pulled up to 9 times its original length.

With its high elongation, the A10 range is a small rubber that has a lower unit price than other pallet bands. Designed for industry uses and high requirements automated processes.



### Characteristics

- 97% natural rubber
- Superior elongation
- High breaking force
- Made without joints
- Approved for contact with foodstuffs



### Applications

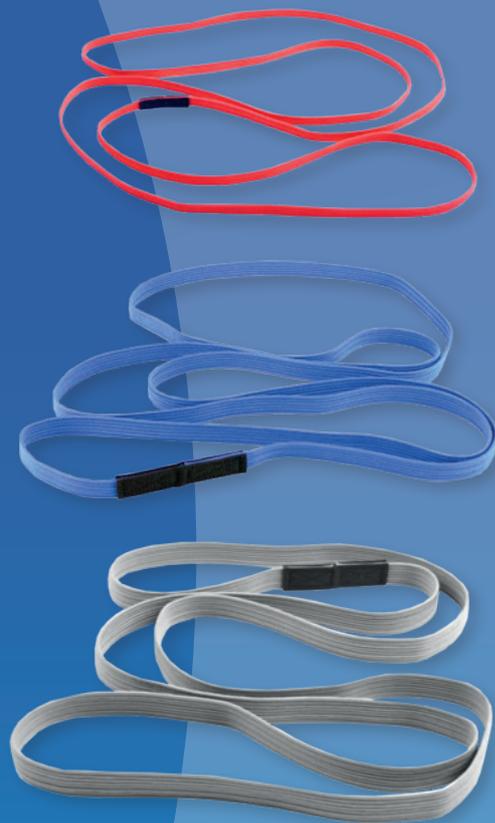
- Holds palletized soft cartons and delicate packaging
- Stabilizes cartons and corner protection pieces during manual or automated pallet film wrapping
- Holds in place protective parts for shipping
- Keeps open carton flaps during filling
- The high specifications of these bands are designed to fit perfectly into an automated production line where the bands are placed on pallets by machine
- This product is available in a heat resistant quality
- The high elasticity and suppleness of this product makes it an ideal exercise band

### Stock range

Load Weight	Pallet sizes (cm)	Colour	Circumference (mm)	Width (mm)	Thickness (mm)	Packaging
Light	80 x 120 or 100 x 120	Mauve	960	10	1	10 x 100 pieces
Medium	80 x 120	Red	960	20	1	10 x 50 pieces
Heavy	80 x 120	Yellow	960	30	1	10 x 30 pieces

### Specifications

Superior Stretch Rubber Bands	Resistance to U.V.	Force when fitted on a pallet of 80 x 120 cm (Newtons at % elongation)	Force when fitted on a pallet of 100 x 120 cm (Newtons at % elongation)	Break Strength (Newtons)
Light (Mauve)	-	16N at 317%	21N at 358%	380N
Medium (Red)	-	32N at 317%	-	780N
Heavy (Yellow)	-	48N at 317%	-	1100N



## Heavy Duty Elastic Bands

**Best choice to stabilize heavy loads and rigid materials.**

The heavy duty pallet elastics are made of rubber threads braided with a textile outer covering. Designed to withstand high forces, the FT60 range has a superior UV resistance and a high resistance to shear.

### Characteristics

- Multiflex™ flat elastic tape with black UV resistant natural rubber threads
- Textile sheath woven and sewn with high strength UV resistant polypropylene
- Best resistance to shear, wear, and U.V. of our pallet bands range
- Highest ratio force / elongation
- Reusable numerous times
- Wide range of colours and colour combinations: black, white, green, blue, grey, red, yellow, olive green



### Applications

- Stabilization of heavy loads during transit
- Securing barrels, plastic crates, and other solid loads
- Suitable for outdoor use
- Ask for our elastic assembling kit for testing and determining the ideal size for your needs

### Stock range

Load Weight	Pallet sizes (cm)	Colour	Circumference (mm)	Width (mm)	Thickness (mm)	Packaging
Medium	80 x 120 or 100 x 120	Red	2800	11	3	20 x 10 pieces
Heavy	80 x 120 or 100 x 120	Blue	3000	16	3	10 x 10 pieces
Heavy	80 x 120	Grey	3000	22	3	10 x 10 pieces

### Specifications

Heavy Duty Elastic Bands	Resistance to U.V.	Force when fitted on a pallet of 80 x 120 cm (Newtons at % elongation)	Force when fitted on a pallet of 100 x 120 cm (Newtons at % elongation)	Break Strength (Newtons)
Medium (Red)	-	27N at 43%	34N at 57%	610N
Heavy (Blue)	-	35N at 33%	40N at 47%	1050N
Heavy (Grey)	-	45N at 33%	-	1421N



### Elastic Logistic Straps

New in our product range: the ST50 logistic strap can be adjusted to apply the exact needed strength and length around your goods.

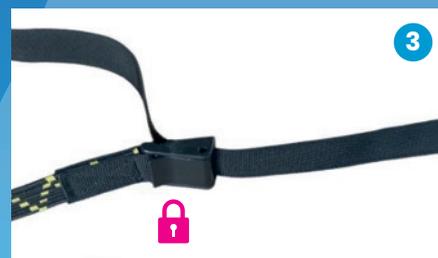
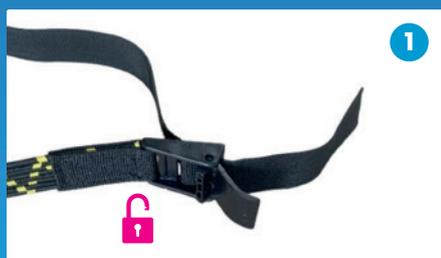
Compared to non-elastic straps, the ST50 will maintain its force overtime due to the shape memory of the elastic.

#### Characteristics

- Multiflex™ flat elastic tape with black UV resistant natural rubber threads
- Durable and resistant nylon buckle
- Good UV and abrasion resistance
- Durable quality
- Wide range of colours and colour combinations: black, white, green, blue, grey, red, yellow, olive green
- Customisable length for your specific requirements

#### Applications

- The adjustable elastic logistic straps will stabilize all types of cargo weights, varying shapes and sizes
- Allows you to strap goods to the pallet or hold items together
- The strap can be adjusted to apply the exact needed strength and tension
- Safe use buckle, with simplified tying and lashing



#### Stock range

Load Weight	Pallet sizes (cm)	Colour	Circumference (mm)	Width (mm)	Thickness (mm)	Packaging
ST50	Adjustable Size	Black and Yellow	4100	22	-	10 x 10 pieces

#### Specifications

Elastic Logistic Straps	Resistance to U.V.	Break Strength (Newtons)
ST50	Good	500N



### Optimizing Load Stability And Security



#### Usage Recommendations

- Most pallet loads can be stabilized by using a single suitable size of rubber band. The use of two pallet bands may be an advantage for more unstable pallet loads.
- In the case of high pallets, place the elastic halfway up and then raise it after completing the pallet.
- Most of our pallet bands are usable several times, however the product should be replaced at the first signs of wear.
- Supply chain essential product, our high-quality pallet bands are suitable for cargo stabilization during internal transport and storage of goods up to external road transport for direct deliveries.

#### Tips For Use

- Can be combined with conventional palletizing tools to optimize loading stability and durability: cardboard corner profiles, automatic wrapping machine, etc
- When the rubber bands are used in a very cold environment, rubber tends to harden, the heat allows regaining the original size thanks to the shape memory of natural rubber.
- For particularly unstable pallet loads a sheet of carton material between one or two layers will assist stabilization.
- To improve the safety of your loads, distribute the goods optimally according to their size and weight. Heavier and larger products should be at the bottom of the pallet deliveries.

#### Samples and Custom Made Solutions Available

- Do not hesitate to ask for samples to carry out your own tests and give us your feedback. If our stock range items do not meet your needs in terms of strength, dimensions or colours, we can offer you a custom-made solution.



### Pallet Band Precautions For Use

- Stretch the elastic below shoulder level
- Make sure one end of the elastic is secured before stretching
- Do not use a rubber band that shows signs of wear
- Avoid securing goods with rough or sharp edges

## How To Fit A Pallet Band



Secure the rubber band by wedging it under one of the cartons to be palletized. Check that the rubber band is well fixed by applying tension.



Start stretching the rubber band by placing yourself at the opposite corner of the pallet.



Continue by placing the rubber band on each edge of the pallet. Equalize the tension for an optimal result.



Finish by returning to your original position and fit the wedged end of the rubber band on the last corner of the pallet. Your pallet is now fastened.