

# Tape Guide

October 2024



# Adhesive Tapes Tips and Tricks

Even if a self-adhesive tape can be applied on almost all materials, evaluation of the application parameters and conditions before making a choice is advised.

## Application Surface

Normally, self-adhesive tapes are compatible with a majority of application surfaces and materials, but certain surfaces may have low compatibility or anti adhesive properties. In some cases, the adhesion may be affected by chemical interaction. It is always recommended to carry out compatibility tests before use.

### LOW COMPATIBILITY SURFACES INCLUDE:

- Polystyrene
- Powder coated paints
- Acetal Plastic
- Polypropylene

Other low compatibility surfaces include:

PVA, EVA, Polyethylene, PTFE and fluoride film

### SOME HIGH COMPATIBILITY SURFACES INCLUDE:

- Stainless Steel
- Polyester
- Aluminium
- Nylon

Other High compatibility surfaces include:

Copper, Zinc, Tin, Lead, Glass, Porcelain, Acrylic and Rigid PVC.

## Conditions of use

The best temperature for application ranges is between 15°C and 25°C in a dry environment, and it is not recommended to apply the tape with temperatures lower than 10°C. Even if a tape is recommended for cold temperatures, it is best to apply the tape in the normal temperature range first. If application temperatures are substantially different from the recommended temperature range, the adhesive can behave differently according to its chemical nature.

For the best results please consider these recommendations

- Application surfaces should be dry and free from dust particles.
- Do not apply on surfaces treated or contaminated by anti-adhesives.
- Do not use paint containing additives which could reduce the adhesive properties of the tape.
- Avoid surfaces containing plasticisers or other chemical agents not compatible with the tape.
- In case of rough or irregular surfaces, it is better to use a tape with a higher quantity of adhesive.
- Some tapes may need the assistance of extra tools such as a pressure roller for better bonding results.
- Please refer to the product's technical data sheet for more information on final bonding times and testing results performed in Pomona's lab.

## Tape Storage

Ideally store tape between 15°C and 25°C with a maximum relative humidity of 65%. Always store away from heat sources, avoiding exposure to light and if possible, keep in the original packaging. When temperatures are lower than 15°C it is highly recommended to recondition the adhesive tape to normal temperatures (15°C and 25°C) before use.

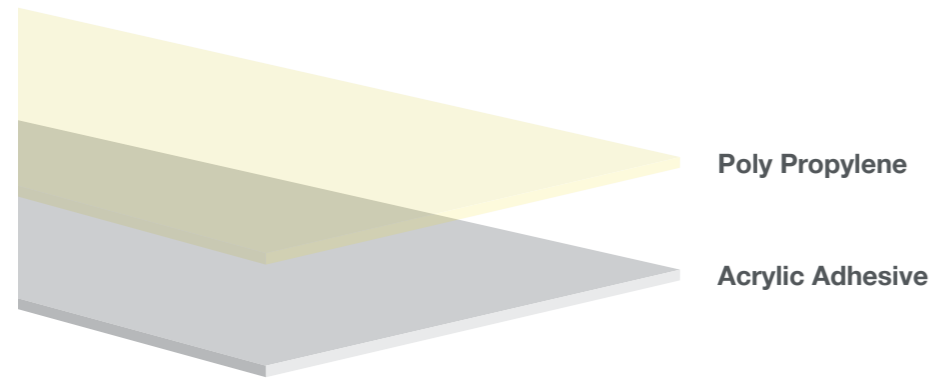
## Tape Shelf Life

Self-adhesive tapes technical features are generally not permanent but remain at their best for approximately 12 months if stored according to the suggested conditions and by avoiding extreme environmental conditions such as sudden temperature changes, exposure to UV light and high levels of humidity.

# Acrylic Packaging Tapes

## What is an acrylic packaging tape?

Acrylic tape consists of a poly propylene backing with an acrylic adhesive.

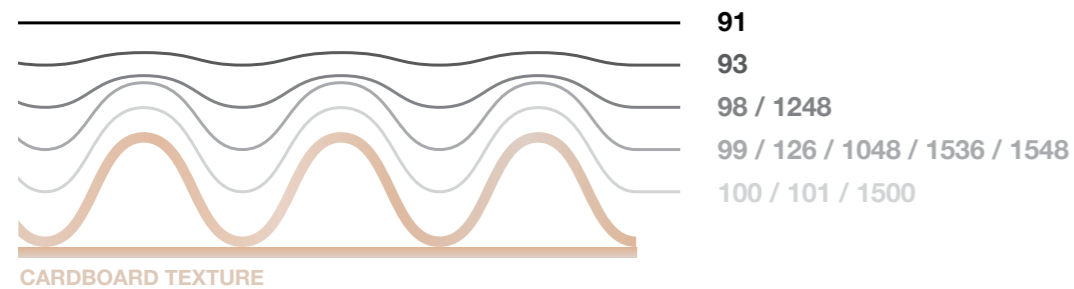


## Why use acrylic adhesive tape?

Acrylic adhesive tapes are economical, stick well to virgin cardboards, and currently makes up 70% of tape sales within New Zealand.

As with all packaging tapes, acrylic adhesive tapes are pressure sensitive. This means it requires pressure to bond to the surface it's been applied to.

Acrylic adhesive tapes can withstand cold temperatures, but with all adhesive tapes the optimal temperature to be applied is 15 - 25°C. Where if applied at a cold temperature the adhesive becomes hard, and if applied in warm temperatures the adhesive becomes soft.



**Trick** To find out if your tape has an acrylic adhesive... Get a piece of tape, stick it adhesive to adhesive. When you pull it apart - if it comes off easily and cleanly it's an acrylic adhesive.



**S91C**  
Clear OPP Light Duty Packaging Tape

48mm x 100m



**S93**  
General Purpose OPP Acrylic Packaging Tape

48mm x 100m



**S98**  
Medium Duty OPP Acrylic Packaging Tape

48mm x 100m



**S99 CS**  
Heavy Duty OPP Acrylic Packaging Tape

24/36/48/72mm x 100m



**S100**  
Freezer Grade OPP Acrylic Packaging Tape

24/36/48/72mm x 100m



**S101**  
Low Noise OPP Acrylic Packaging Tape

48mm x 100m



**S126**  
Coloured OPP Acrylic Packaging Tape

48mm x 100m



**S1536C**  
Heavy Duty OPP Acrylic Machine Carton Sealing Tape

36mm x 1500m



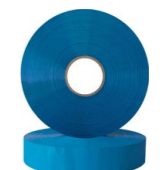
**S1548C**  
Heavy Duty OPP Acrylic Machine Carton Sealing Tape

48mm x 1500m



**S1500**  
Freezer Grade OPP Acrylic Machine Carton Sealing Tape

36/48mm x 1500m



**S1048**  
Coloured OPP Acrylic Machine Carton Sealing Tape

48mm x 1000m



**S1048C**  
Heavy Duty OPP Acrylic Machine Carton Sealing Tape

48mm x 1000m



**S2048C**  
Extra Long OPP Acrylic Machine Carton Sealing Tape

48mm x 2000m

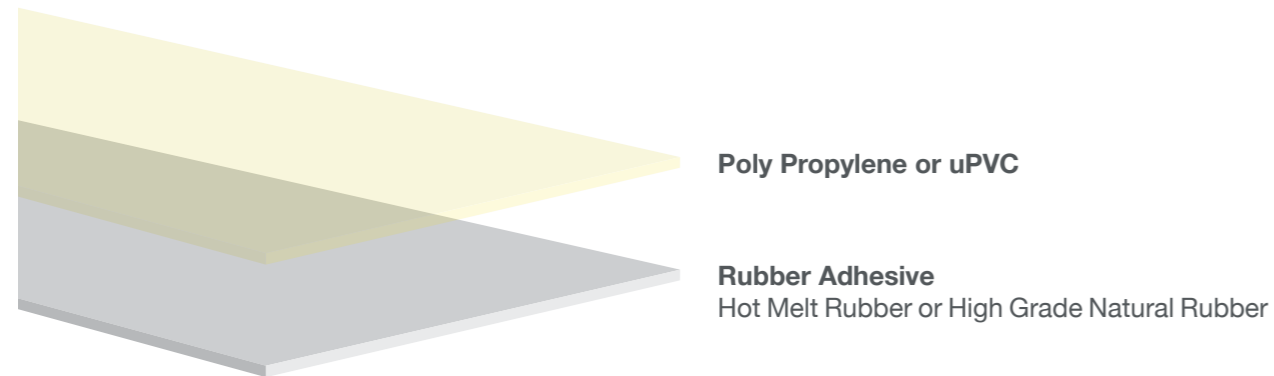
Tape dispensers and machines are available. Please visit [www.pomona.co.nz](http://www.pomona.co.nz) for further information.

CS Custom Slit Available

# Rubber Packaging Tapes

## What is a rubber packaging tape?

Rubber tape consists of a poly propylene or uPVC backing with a rubber adhesive.

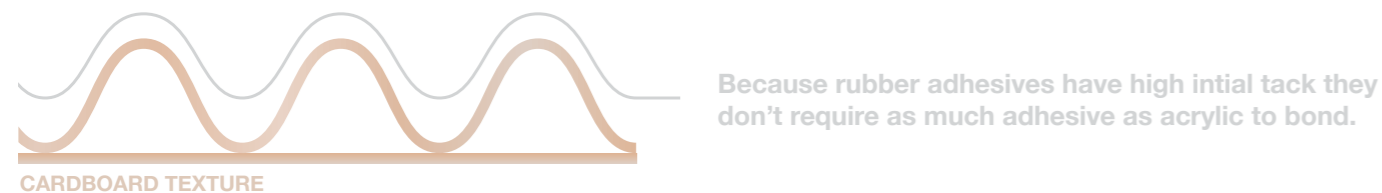


## Why use rubber adhesive tape?

Great initial tack. Works really well on recycled board and hard to stick to surfaces such as LDPE, PE, PET, HDPE and paper.

Comes in two types - hot melt rubber which is more economical and the high grade natural rubber which sticks well to highly recycled board.

With rubber adhesive because of the high initial tack it doesn't need as much adhesive as acrylic to bond.



**Trick** To find out if your tape has a rubber adhesive...  
Get a piece of tape, stick it adhesive to adhesive. When you pull it apart - if it sticks to itself or breaks it's a rubber adhesive.



**S30 CS**  
Premium  
OPP Rubber Packaging Tape

48mm x 100m



**S31**  
Premium  
OPP Hot Melt Packaging Tape

24/48mm x 100m



**S330 CS**  
Premium  
Vinyl Rubber Packaging Tape

24/36/48mm x 66/100m



**S350 CS**  
Coloured  
uPVC Rubber Packaging Tape

18/24/36/48mm x 66m



**S1554 CS**  
Easy Release  
Vinyl Rubber Packaging Tape

24/36/48mm x 55m



**S131**  
Cellulose Rubber  
Stationery Tape

12/18/24mm x 66m



**S351C**  
Clear rPET  
Packaging Tape

48mm x 100m



**ECOPACK1548500 CS**  
Paper Machine Carton  
Sealing Tape

48mm x 500m



**S3115**  
Premium OPP Hot Melt  
Machine Carton Sealing Tape

36/48mm x 1500m

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CS Custom Slit Available

# Eco Friendly Tapes, Labels and Labelopes

## Why use eco friendly tapes, labels and labelopes?

Pomona eco friendly packaging tapes and labelopes are an environmentally friendly alternative to traditional plastic packaging tapes. Their natural rubber adhesives give them excellent adhesion to a wide range of cardboards.

Our unique products are made from plant derived materials. They are coated with a natural based rubber adhesive system which provides extra initial high tack, and bonding to most cardboard grades. The cellulose film and rubber adhesives are also naturally biodegradable.

Our **water activated kraft paper tapes** are 100% recyclable, tamper evident and have strong adhesives which bond to the fibre of the carton.

Our **natural cellulose packaging tapes and lope on a roll** have high tack natural rubber adhesive combined with 100% plant based cellulose film backing which sticks well to rough or smooth surfaces. They are up to 3 times more environmentally friendly than standard acrylic OPP tapes derived from oil.



## Kakariki Eco-Friendly Range

The Pomona Tapes Kakariki range offers a range of environmentally friendly alternative products to traditional plastic packaging tapes, where the rubber adhesive gives them excellent adhesion to a wide range of cardboards.

The eco-friendly Kakariki range includes Clear rPET Packaging Tape, Custom Printed Water Activated Gum Paper Tape that is 100% recyclable, Natural Cellulose Clear Packing Tape, Paper A4 Plain Labelopes, Paper Labels, Paper Machine Carton Sealing Tape, Paper Packaging tape and Paper Invoice Enclosed Labelopes.



<p><b>S131ECO cs</b> Natural Cellulose Clear Biodegradable Rubber Packaging Tape 48mm x 100/1000m</p>	<p><b>S351C</b> Clear rPET Packaging Tape 48mm x 100m</p>	<p><b>ECOPACK15 / W15 cs</b> Paper Packaging Tape 24/36/48mm x 50m 48mm x 1000m</p>	<p><b>ECOPACK15 FRAGILE4850</b> FRAGILE Paper Message Tape 36mm x 50m</p> <p>IMAGE COMING SOON</p>
<p><b>ECOPACK15FRAGILE</b> Paper Labels on a Roll 72mm x 100mm (500 Labels / Roll)</p>	<p><b>GP04WP / GP04BP</b> Custom Printed Water Activated Gum Paper Tape 100% Recyclable 36/48/72mm x 50m</p>	<p><b>GP04</b> Kraft Water Activated Gum Paper Tape 100% Recyclable 70mm x 165m</p>	<p><b>GP06</b> Kraft Reinforced Water Activated Gum Paper Tape 70mm x 165m</p>
<p><b>P655A</b> eco paper high adhesion plain labelopes 235mm x 175mm (500 / Box)</p>	<p><b>P671</b> eco paper high adhesion packing slip enclosed labelopes 115mm x 150mm (1000 / Box)</p>	<p><b>P771</b> eco paper packing slip enclosed labelopes 115mm x 150mm (1000 / Box)</p>	<p><b>P772</b> eco paper invoice enclosed labelopes 115mm x 150mm (1000 / Box)</p>
<p><b>P774</b> eco paper plain labelopes 115mm x 150mm (1000 / Box)</p>	<p><b>P776</b> eco paper plain labelopes 175mm x 140mm (500 / Box)</p>	<p><b>P777</b> eco paper A4 plain labelopes 332mm x 235mm (500 / Box)</p>	<p><b>S624ECO</b> Lope on A Roll Eco Friendly Bio Degradable Cellulose 153mm x 126mm x 51m (333 Labels / Roll)</p>

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CS Custom Slit Available    Made from Plants





Version 2.0