



## The Top 3 Types Of Packaging Consumables Material's And Their Use.



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## Best Uses For Polyester Strapping

Polyester strapping is best used for rigid loads and helps to absorb impact during transit. It's also a better alternative when you need higher initial tension to contain loads when compared to PP strapping.

- Metals
- Lumber
- Pallets of Bottles and Cans
- Bricks
- Tiles
- Excellent for stabilizing and palletizing heavy loads

## The Top 3 Types Of Strapping Material And Their Uses.

# Polyester Strapping

## About PET Strapping

Heavy-duty polyester strapping has a higher tensile strength than steel and has decent thermal tolerance. It also has a lesser amount of tension decay over PP, which means it holds the tension for a longer period of time. This is important to keep in mind for cross-country hauls from one destination to another, or multiple stops along the path to the load's final destination.



## About P.P Strapping

### Best Uses For Polypropylene Strapping

Polypropylene strapping is exceptionally versatile and can be used on various applications including:

- Printed Materials (Newspapers, Magazines)
- Direct mail
- Millwork (moldings, banisters, etc.)
- Flooring (hardwoods, laminates)
- Appliances
- Clothing
- Foods (Distribution centers that supply grocery stores)

### The Top 3 Types Of Strapping Material And Their Uses.

### Polypropylene Strapping

Polypropylene (PP) strapping is one of the most common types of strapping and comes in a variety of tensile strengths, widths, and core sizes depending on your application.

It's almost always embossed, giving it additional strength and texture for better friction. Embossing also significantly reduces dust created during the strapping process.

PP strapping stretches around 25% when applying, however, it recovers about 10% back shortly after. As a package or pallet settles, the strap will retain some tension. Polyester and steel will not recover as your package/pallet settles.

Unless otherwise formulated, plain PP strap can be sensitive to UV light degradation and is sometimes negatively impacted by elevated temperatures. By selecting the proper formulation of PP strapping with your supplier, you won't have to worry about these downsides.

## Best Uses For Steel Strapping

Steel strapping is the oldest and most heavy-duty of the top 3 strapping material options. It is best used in heavy-duty applications. Steel does not expand or contract with the load, once it is secured, it stays!

- Heavy manufacturing and industrial equipment
- Steel coils
- Construction Materials
- Bundling metals
- Baling wire
- Secure Closure of Metal Containers
- Railroad Shipping

## The Top 3 Types Of Strapping Material And Their Uses.

### Steel Strapping

## About Steel Strapping

Steel strapping is becoming a lesser-used option, but has historically been utilized in mostly railroad-shipped applications. It is required by the railroad transport where the load is not held within a container.

Most steel strapping is made of stainless steel.

## What is Adhesive Tape?

Adhesive tape (a.k.a. pressure sensitive tape, PSA tape, self-stick tape, or sticky tape) consists of a pressure-sensitive adhesive coated onto a backing material such as paper, plastic film, cloth, or metal foil.

Some tapes have removable release liners that protect the adhesive until the liner is removed. Some have layers of adhesives, primers, easy release materials, filaments, printing, etc. made for specific functions. Pressure-sensitive adhesives (PSAs) do not require water, solvent, or heat activation to bond to materials such as paper, plastic, glass, wood, cement, and metal. PSA tapes are tacky at room temperature in dry form, and they adhere firmly to a variety of surfaces and require only the application of a finger or hand.

Technically speaking, that's a bonding pressure of 14.5 – 29 psi = $\approx$  10 – 20 N/cm<sup>2</sup> or greater.

Single-sided tapes allow bonding to a surface or joining of two adjacent or overlapping materials. Double-sided tape (adhesive on both sides) allows the joining of two items back-to-back.

## A Brief History of Tape

The history of stickiness didn't start with tape. It's credited to the bees. Or rather, woodworkers in ancient Egypt used glue made from natural, viscous substances like beeswax and resin to hold materials together.

In modern times before tape, glues and epoxies did most of the sticky work. But they had serious drawbacks, especially in household use. Messiness, permanence, and drying to a hard finish all made traditional glues less-than-ideal.

It wasn't until 1925 that adhesive tape, as we know it today, was invented.

Today, adhesive tape comes in all shapes and sizes, with varying degrees of stickiness.

And in that time, we have found that the majority of people have the same complaints and questions about tape. Here's almost everything you need to know about adhesive tape as an industry professional.



## The Complete Technical Guide for Adhesive Tape



## Adhesive Tape is a Universal Tool

In short, pressure-sensitive adhesive tape is the industrialist's dream come true. It is the universal tool that simply and conveniently solves many different fastening challenges. These tapes come in a wide variety of backings, each suitable for specific end-uses. This is exactly why adhesive tape use is on the rise in high-performance building and construction. If you're still using glues, sealants or even nails, consider pressure-sensitive tape.



## The Complete Technical Guide for Adhesive Tape



## How To Choose the Right Tape

We get this question a lot: How do we actually know that it's the right tape for the application and that it's going to last? And that's totally fair.

Almost everyone we know has a tape failure story, but tape isn't the same as what you grew up with, or even what you used five years ago. Just as the cell phone in your pocket has gotten smaller, faster and smarter, adhesive technology has gotten stronger and more versatile. On a job site full of tools and specialty equipment, tape may seem as ubiquitous as a hammer and nails. However, nothing beats tape for versatility, portability, and ease of use... that is IF you have the right tape for the job at hand. And that's the conundrum, isn't it? The sheer volume of pressure-sensitive adhesives is so overwhelming that it's hard to know where to begin.

To help, we've created an infographic as a portable field guide for builders and contractors.

## Stretch Film

We are among the leading industries engaged in offering a wide range of Pallet Wrap & Unitizing Stretch Film. Offered films are demanded widely in a number of industries for the purpose of packaging various products. Manufactured using the best-in-class raw material, obtained from reliable sources of the market, these films are offered to our clients in varied sizes and specifications and can even be customized as per their requirements.

### Features:

- Durable standards
- High strength
- Resistance against water

## Stretch and Wrap Film

**Our range of products include stretch film, small baby roll stretch film, machine stretch film, wide web wrap, roll wrap film and anti static stretch wrap**

## Machine Stretch Film

Available with us is a comprehensive range of Machine Stretch Film in varied sizes and thicknesses for our clients. These films are demanded widely by the clients for their high utility, remarkable strength and longer shelf life. Moreover, we are backed by highly efficient professionals who understand the varied requirements of the customers and are capable of customizing these products in accordance with their exact demands. We make sure to check the quality of the entire range before delivering these films to the clients.

### Features:

- Resistance against crushing
- Availability in varied thicknesses
- High strength

### Other Verity Of Film;

- Small Baby Roll Stretch Film
- Wide Web Wrap
- Wide Web Wrap
- Anti Static Stretch Wrap
- Hand Stretch Film
- Clear Stretch Wrap
- UVI Stretch Wrap
- VCI Treatment Stretch Film
- Black Stretch Film
- PE Stretch Film
- Tinted Stretch Film
- Vented Pallet Wrap
- Color Stretch Film
- Heavy Gauge Film

# Thank You



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