Stretched film is a profoundly expandable plastic film that encompasses the question. Stretch rebuilding keeps articles enough tight. Usually used to consolidate pallet loads, however, can likewise be utilized to stack little things.

**Linear low density polyethylene or LLDPE**, the most common flexible packaging material, is obtained by the copolymerization of ethylene and alpha olefins, most commonly hexene, butene, and octene. The usage of higher alpha-olefins (octene or hexene) provides excellent properties for stretch films, particularly with regard to elongation at break and resistance to perforation.

Stretch films are composed of several types, but are divided into two main categories, depending on the application, hand stretch film and mechanical stretch film.

**Hand Stretch Film**

Stretch film specially designed for manual application is called hand stretch film. It is otherwise called hand film, hand stretched film, or high quality wrapped film. Normally utilized for low volume bundling tasks. In any case, the impact of the manual stretch pack must be occasionally reexamined contrasted with the potential advantages of moving up to mechanical film. Picking the privilege expandable implement can make bundling work more proficient and savvy.

**Machine Stretch Film**

A machine stretch film is that stretch film which is specially designed to be applied to a stretch film machine. Compared to manual film, it offers the following advantages. Fast and efficient packaging, low packing material cost, safe application, safe load, etc.

Common mechanical expandable film types include:

- Blown Stretch Wrap
- Cast Stretch Film
- Specialty Stretch Wrap
- Pre-stretched Film

The most important feature of stretch film is that the load is heavy and the longer the distance traveled, the more films must be protected. With this in mind, this process requires knowledge, experience, and expertise, and choose the most cost-effective solution for your transportation needs.

Expandable packaging is one of the processes used to bundle and package the most commonly used pallets on the market. Below you will find a list of the main advantages of stretch film.

**1. How LLDPE Stretch Film is Superior in Protection**

- Load capacity Stretchable loads are safer and minimize shipping damage.
- Film Strong opaque film hides the charge and reduces theft.
- Film UVI Stretch film can protect products stored outside the UV light.
- Film stretch film protects your product from dirt, moisture and dust.
2. Why LLDPE Stretch Film is Cost Effective?
➢ Stretch film equipment is typically less expensive than similar sized replacements such as packaging and strapping equipment.
➢ Wrap Stretchable films are more economical than alternatives such as strapping, wrinkles, or heat shrink films.
➢ Expandable packaging operates with less energy than other integration methods such as retractable packaging systems.

3. Why LLDPE Stretch Film is Much Efficient
➢ Variety of pallet load types
➢ Improve packaging efficiency
➢ Increase worker productivity
➢ Improved inventory management
➢ Optical scanning

Buying Guide
If you intend to buy a stretch film, it should be very thin. Recent material and process improvements have resulted in the introduction of high performance stretch film films that can be contacted, operated and performed like traditional large rolls. With the development of the stretch film machine, customers can use these films. Appropriately connected elite bundling limits the aggregate expense per stack by lessening the heaviness of the film required per pallet.

How to Get Maximum benefits from Stretch Film?
Needless to say, goods damaged during transit cancels savings resulting from less consumption of packaging materials. In an attempt to control costs, purchasing decisions are often based on "per-roll" rather than total cost, appropriately charged claims, and overall improvement in the packaging process. You have to ask yourself the following questions.

➢ Do you manage packing settings?
➢ Have you created and implemented standards?
➢ Does the monitor regularly monitor the shape of the load?
➢ Is the procedure for evaluating the containment of loads defined?
➢ Why do you know what you are doing with stretching wrapping procedures?

If the answer is no, you are probably not doing it correctly.
High Performance & Sustainability

The familiar term is Reuse - Reduce - Recycle, a sustainability principle. Reducing the material is the best "green" option, as you cannot reuse the stretch film if you cut the pallet. It is estimated that 800 million pounds of film machines are produced annually. The average ½ pound / pallet is equivalent to the 1.6 billion package palette. The average weight per pallet is £ 2.0, £ 80, and currently the machine film market is £ 3.2 billion. A similar gauge reduction occurred in the manual gauge as well. The standard gauge 100 of the '80s was replaced by 47 gauge. Equipment for cutting waste into two pieces. In addition to this tendency, film recycling is becoming more common. Strong stabilization of the regenerated material in the stretch film enables multiple extrusion without loss of properties.