



# Hand Pre-Stretchfilms

Product Range

Packaging Films :: Hand Stretchfilms

A range of economical pre-stretched hand films for the easy application of pallet stretchwrap.

## Environment:



Thermal Recycling

Can be Recycled

## Key Features

Easy to use

Lightweight

Minimal stretch required

Secure wrapping for pallets

Transparent

Good tear strength

Extremely cost effective

## What can it be used for?

Securing pallets, preventing loads from sliding around (fastens load units in place), protection against dirt and moisture, anti-theft protection, winding and banding film.

## Relevant Techniques

Manual pallet wrapping

## Additional Features

Hand pre-stretched film, film edges folded over for greater strength, completely non-cling outer surface, requires minimum tension on winding, returns to original shape (memory) after unwinding, high puncture resistance despite film being thin, good adhesive properties, highly transparent, good tear strength.

## Environmental Information

Thermic Recycling

Low waste



**Product: Wraplite**

**General Description**

- Wraplite is a blown Co – extruded pallet pre-stretch film for hand wrap application. It is designed for hand application to pallets of goods to ensure a stable load through the distribution chain.
- WL has low un-wind noise.
- WL has edge folds for increased tear strength.
- WL has a very good elastic retention power which gives an excellent pallet load stability.
- WL has perfect one side cling film (Inside):
  - WL has appropriate one side (Inside) cling to be used in a wide range of application.
  - The outside of the reel contains a non-cling layer that prevents adhesion between wrapped pallets.

Because of its superior quality and excellent load-holding properties WSU provides opportunity for down-gauging and reduced film consumption.

**Film Properties (Typical)**

	Property	Test Method
<b>Tensile strength MD (MPa)</b>	100	ISO 527
<b>Elongation at Break MD (%)</b>	100	ISO 527
<b>Impact strength, f50 (g)</b>	70	ISO 7765

*The values listed must only be used as a guide and are designed to be informative and not of a binding nature.*

**Dimensional Characteristics**

	Target	Range	Test Method
<b>Net Roll Weight (kg)</b>	1.27	± 5.0%	Direct Measurement
<b>Width (mm)</b>	400 (incl. edge folds)	± 5.0%	ISO 4592
<b>Average Thickness (µm)</b>	5.8		ISO 4591
<b>Reel Length (m) at the time of winding</b>	600	-0%	
<b>Reel Length (m) post relaxation*</b>	600	-10%, +0%	

*\*After winding the film can relax up to 10%. The relaxed film will during wrapping with a slight tension, stretch again to the required length.*

**Roll Quality**

Smooth unwind of reel is ensured by air entrapped between the layers.

**Storage**

Film should be stored in dry conditions. Reels must be used within 6 months after delivery date.



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R&D Manager

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