

**STABLE
PALLET
– FOR A
STABLE
BUSINESS!**



Thinking of transporting products? Think of this:

- An estimated **25%** of traffic accidents involving a truck are caused by poor load stability
- **4%** of transported products arrive in damaged condition
- **100s** of millions of products are rejected by customers due to damage

Pallet stability is crucial! Increased transportation of goods by road makes pallet stability even more important. Not just for your company: it's beneficial to everyone.

This whitepaper will describe how exactly you benefit from load stability.

Generally, load stability matters to:

- The customer
- The dispatcher
- The receiver
- And everyone in between



5 benefits of a stable load

Unstable pallets can lead to cargo failures, and cargo failures lead to economic, waste and safety issues. The first question when goods arrive damaged: were the pallets able to stay upright in the first place?

Most benefits are quite straightforward, but there is also a less obvious one, a hidden benefit which we will go into later on. First, here are the 5 most common benefits of load stability:

01

Safety first

- Load stability increases safety of transport: no unstable pallets → no pallets shifting or collapsing
- Load stability minimises the risk of dangerous situations in the warehouse as well as on the road

Damage-free from A to B

Preventing damage starts with proper pallet stability. This works in two ways:

- Wrapped correctly → the products stay in one piece
- With pallets upright → less breakage

02

A lower carbon footprint

Re-packing and re-transporting retracts from your sustainability targets. Load stability reduces the environmental impact. Less damage:

- Saves on packaging
- Saves on stretch film
- Saves extra miles on the road
- Less waste generated, from products as well as spillage!

03

Cost-effective

No re-packing and no fines, saving time and money.

04

Efficiency pays off

Load stability gives you improved on-site efficiency: with optimised wrapping you'll never use more film than necessary. Plus high-quality and consistent film saves you time.

05

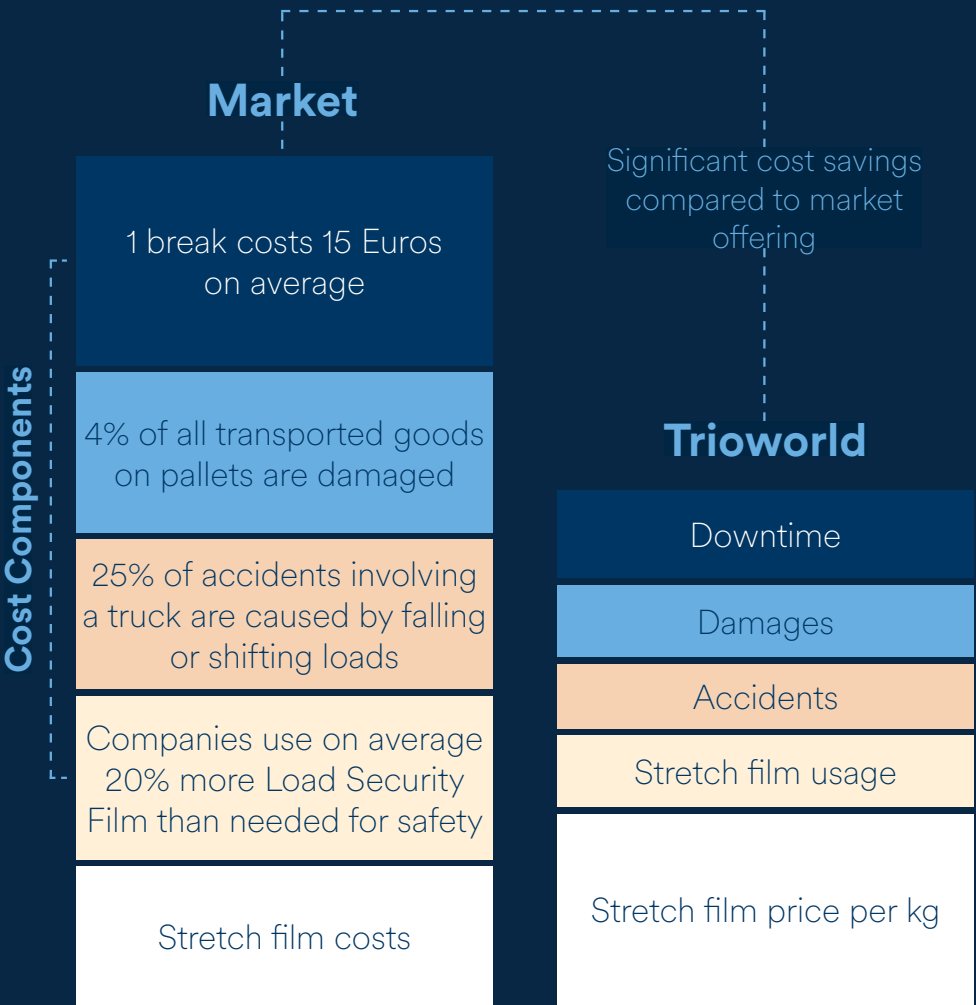


The 6th benefit of load stability

The final benefit of load stability is a hidden benefit, but just as important as the first five: load stability will lower your TCO, your total cost of ownership.

At Trioworld, we use a high-quality technical approach in our stretch films, by looking at the complete picture of:

- Load
- Stretch film
- Wrapper



This enables us to determine a more beneficial TCO:

Better wrapping process with a high performance stretch film:

- » Reducing the risk of breakage
- » Less downtime on the machine

More economical use of film → reducing the cost per pallet and the usage

Strengthening the holding force, keeping everything in place/in one piece → no disruptions during transport

Better brand and customer experience, no reputation damage: happy customers!

High-tech for high effect



Stretch film is essentially a high-tech product. Made up of multiple layers, enabling us to produce a variety of films, each with its own unique properties.

For instance, our high-puncture resistance film, ideal for creating load stability while at the same time using thinner film.

Downgauging helps us:



Reduce the
amount of film



Lower the
costs



Lower CO2
emissions



New laws on load stability

Load stability also helps you comply with EUMOS guidelines, which came into effect in 2018. EUMOS places high demands on road transport.

With our EUMOS-accredited services:

- We help our customers achieve load stability
- Present the correct certificates needed for safe and stable transport
- Run various acceleration and tilting tests to determine the pallet stability
- Optimise the transport packaging

You see, load stability has numerous benefits:

- Better safety
- Less damage
- Less film
- Reduced plastic consumption
- A lower cost per pallet
- And a lower total cost of ownership

