

## GUIDE

# Stretch film audit checklist: what to check at the customer's wrapper

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## SHORT ANSWER

A stretch film audit compares the film a customer uses today with an alternative on the same load and wrapper. Prepare the customer's data, record the wrapper and its settings, weigh the film used on one pallet, count the revolutions, check load stability, then run the alternative film the same way. The result is film, cost and estimated CO<sub>2</sub>e per year, plus proof that the load still holds.

## Before the visit

- ☐ Customer and site
- ☐ Contact person at the customer
- ☐ Pallets per day and working days per year
- ☐ Load types: cartons, bags, bottles, irregular goods
- ☐ Damage or rejection history, if the customer will share it
- ☐ Current film: producer, brand, thickness, width, roll length and rated pre-stretch
- ☐ Current film price per kilo, and the price of your film
- ☐ The film or films you want to test

## At the wrapper

- ☐ Wrapper type and model: turntable, rotating arm or ring (see [types of pallet wrappers](#))
- ☐ Film carriage: brake or powered pre-stretch
- ☐ Photo of the wrapper settings
- ☐ Rollers clean and not worn, roll mounted the right way round
- ☐ Wrapping pattern: bottom wraps, top wraps, overlap, roping
- ☐ Pallet size and load height
- ☐ Photos of the wrapped pallet, front and side

## Measure the current film

- ☐ Weigh the roll (or the film) before wrapping
- ☐ Wrap one pallet with the customer's normal settings
- ☐ Weigh again and note the grams of film used on the pallet
- ☐ Count the revolutions of the wrapping cycle
- ☐ Note the real pre-stretch and compare it with the film's rating (see [the right pre-stretch](#))

## Check load stability

- ☐ Tilt test on the wrapped pallet: angle reached and whether the load held
- ☐ Containment force at fixed points: three on the width side, three on the length side (see [containment force](#))
- ☐ Acceleration test, if a bench is available (see [EUMOS 40509](#))

## Run the alternative film

- ☐ Same load, same pallet size, same wrapper
- ☐ Settings adjusted to the new film's rated pre-stretch
- ☐ Weigh, count revolutions and photograph as before
- ☐ Repeat the same load stability tests at the same points

## After the visit

- ☐ Film per pallet and per year for each film
- ☐ Cost per year for each film
- ☐ Estimated CO<sub>2</sub>e, with the factor used stated in the report
- ☐ Load stability results side by side
- ☐ Recommended film and wrapper settings
- ☐ Report sent, and a follow-up date agreed

Palletseal guides reps through every step of this checklist in the app and builds the report before they leave the site.