

Pallet stability improvement journey

Pallet instability is rarely caused by one thing. Film, wrapper settings, pallet configuration, interlayers, load design and the pallet journey can all affect the result.

That is why we start by understanding and measuring the current pallet before recommending a change.

We use a structured **Define, Measure, Analyse, Improve and Control (DMAIC)** process to identify the cause, develop the right solution and prove whether it works.

Define

Understand the challenge and agree what success looks like.

- Meet with your team to understand the current pallet stability challenge.
- Agree the project scope, required outcome and how success will be measured.

Measure

Establish a clear baseline before making changes.

- Test current pallet stability performance to establish the baseline.
- Review the baseline findings together.
- Confirm the success criteria based on the required outcome and baseline data.

Analyse

Use the evidence to identify what needs to change.

- Use the test data to identify the root cause of the instability.
- Develop the right packaging solution to meet the agreed success criteria.
- Review and agree the recommended solution.

Improve

Trial the proposed solution and measure the result.

- Complete the supplier setup needed for the trial.
- Agree the trial quantities and arrange the trial materials.
- Set up and run the trial under controlled conditions.
- Re-test pallet stability to measure the change.
- Review the results against the baseline and agreed success criteria.

Control

Implement what works and maintain the standard.

- Agree the implementation plan and the controls needed to maintain the result.
- Move to controlled ongoing supply.
- Monitor the approved wrapping standard with Kontrol4.0.

Start with your current pallet

The first step is to understand the current challenge, the pallet journey and what a successful result needs to look like.

Arrange a pallet stability review with Lindum.