

PALLETIZING & COHESIVE STABILITY

WORLDWIDE PRESENCE - LOAD STABILIZATION SOLUTIONS



Packnology

Load stabilization solutions

EXPERTISE IN APPLYING ADHESIVES ON POLYMERIC AND PAPER SURFACES

APPLICATIONS

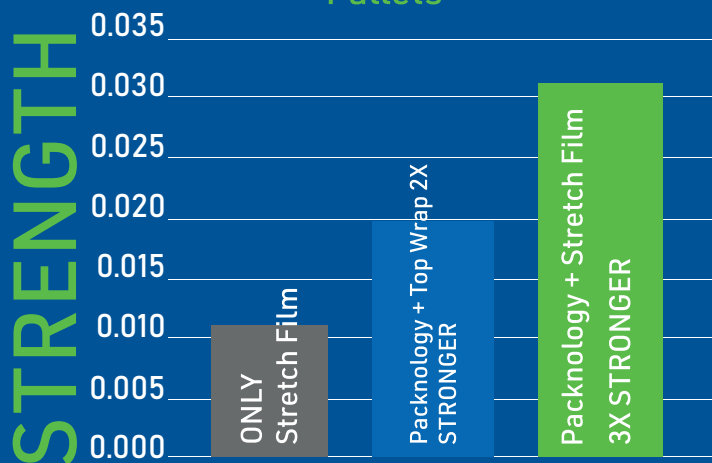
- POLYMERIC PACKAGING
- MULTILAYER PACKAGING
- SHRINK FILM BUNDLES
- MULTIPLE PACKAGES
- CARDBOARD BOXES
- CARTON BOXES
- SLIP SHEETS
- PALLET SURFACES

Some of Our Clients:

- Coca-Cola
- Coca-Cola Andina
- Danone
- Ambev
- Sylvamo
- Sorocaba Refrescos
- Ypê

KEY BENEFITS IN CUTTING COSTS AND PREVENTING DAMAGE DURING TRANSPORT AND STORAGE

Side Strength of Column-Stacked Pallets



- Use Less Stretch Film, Fewer Divider Sheets, Less Chipboard,
- Fewer Trays and Eliminate Corner Boards;
- Reduced Energy Consumption production line
- Organization or disposal of materials for pallet overlap production line
- Does not contaminate transport belts such as PVA, Hot melt, etc.

EASILY ELIMINATE PRODUCTIVITY ISSUES!



PACKAGES SLIPPING AND CAUSING PRODUCTION DELAYS?

Packnology adhesives prevent slipping between polymer packages and offer easy maintenance.

IS YOUR STRETCH FILM MACHINE A BOTTLENECK?

With Packnology adhesives, there's no downtime or production halt. Our technology is applied before the stretch film, reducing the amount needed and cutting down application time and machine maintenance.



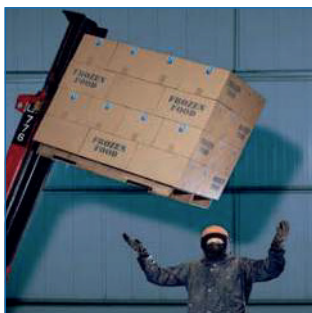
SHALL WE REDUCE THE ENERGY CONSUMPTION OF YOUR SHEET SEPARATOR ROBOT?

By reducing or getting rid of separator sheets, we can streamline your production process and speed up pallet assembly. We understand these calculations are crucial for cutting costs in your production chain.

Every second saved in the process brings substantial results for the company.

LOADS SLIPPING ON SLIPSHEETS AND PALLET?

Applying Packnology technology directly to pallets unifies the packaging and the pallet, stabilizing loads, enabling the overlapping of pallets.



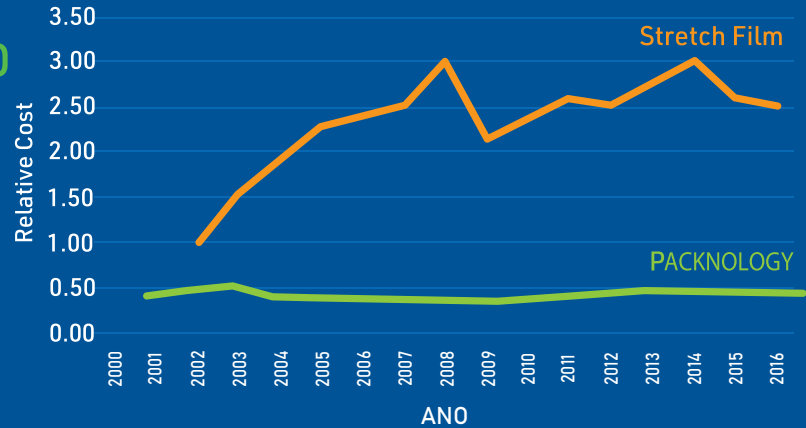
NEED TO PICK BEFORE TRANSPORTING? WHY WRAP TWICE?

Avoid unnecessary expenses.

The Packnology adhesive keeps your load stable until you take it out of storage.

Packnology cuts packaging costs

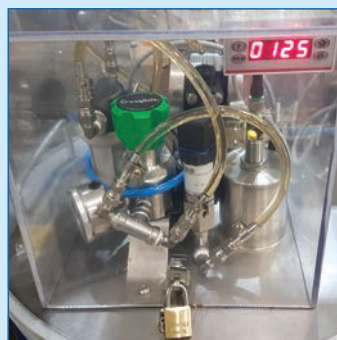
COST OF PACKNOLOGY/LOAD
IT'S UP TO TWICE AS
AFFORDABLE STRETCH FILM



Application Equipment

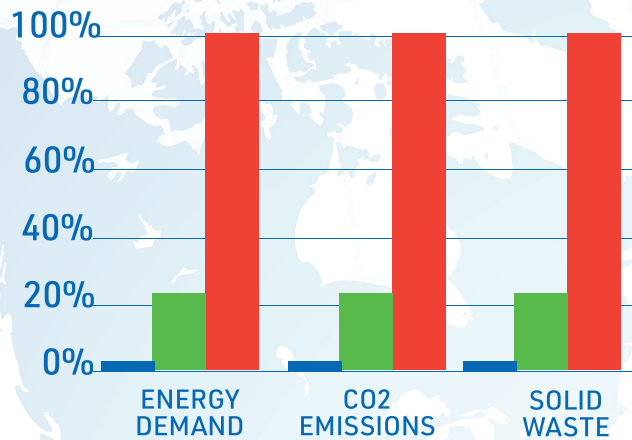
Packnology offers high-tech application equipment

- Equipment managed by PLC, with remote system options - Industry 4.0;
- Full control of hydraulic and pneumatic systems
- Low maintenance;
- Energy-efficient;
- Excellent durability (many devices still running after 10 years).
- Affordable price;
- Operates on 220V, 1.5A, and 4-5 bar compressed air.



ENVIRONMENTAL IMPACT

Stretch Film vs. Packnology Adhesive



- **PACKNOLOGY**
- **DUST PROTECTION COVER + PACKNOLOGY**
- **STRETCH FILM**

1%	1%	1%
24%	24%	24%
100%	100%	100%

WATER-BASED COHESIVE ADHESIVES CAN REDUCE YOUR CARBON FOOTPRINT



Load stabilization solutions

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TEAM OF SPECIALIZED PROFESSIONALS

NO INTERRUPTION TO YOUR PRODUCTION ACTIVITIES!

- Our certified professionals can assess your production line and gather data to advise on the best solutions for stability and cost reduction.
- Your packaging will be tested by our technical team, and recommendations for the best solutions will be provided.

You will receive an economic feasibility report, along with an opportunity to demonstrate our technology at your facility.



**Why wait to start this partnership?
 We believe the time is now!**