

NORTH AMERICAN TRANSPORT LAB

The safe delivery of transported products is essential to the global economy. And Dow can help. Here at Pack Studios-Freeport, **customers across the transport logistics value chain are invited to experience what advanced knowledge, planning, and testing can achieve.** On the road, in the air, across the seas, or just in your own warehouse, we can help keep your goods more protected.

Reducing waste

Damaged goods along the transportation and warehouse chain account for millions of dollars of lost revenue each year. Plus, wasted materials, foods, energy, and more. Learnings found at the Dow Transportation Lab are helping reduce this waste, helping to create a more sustainable supply chain.

Collaboration across channels

Everyone benefits from tests and efforts initiated at the Transport Lab. Brand owners, shippers, retailers, consumers... Which is why we embrace the collaboration of all packaging professionals. Let's use these great tools and learn from each other!

Testing, testing, and more testing

Even before the first plastic pellet is melted, computer-aided design can influence film development or films choices for transport packaging. The tests start there. But much more is available for primary, secondary, and tertiary packaging. Stretch wrap puncture tests. Drop tests. Shock tests. Impact tests. Tests for tape. Tests for pillow pouches. We like to think this place gets an A+.



An industry-standard wrapper can test film characteristics coming off the roll, view wrapping interaction with loading formats, check wrapped layer requirements, and more.



Pallets up to 3,000 pounds can be subjected to powerful vibrations to test against real-world encounters such as rough roads.



The transport simulator subjects wrapped pallets to real-world load stability challenges against rapid acceleration, sudden stops and impacts, and even tilt testing.

Pack Studios exists to enable collaboration and accelerate the development of innovative and sustainable packaging – and keep it safe. The Transportation Lab is providing new insights on the safe transportation of packaged goods, as well as helping us develop better products for high-performance films for the shipping industry.

There's much more to discover. Find out more at www.dow.com or contact your Dow sales or TS&D professional.

