

Packaging testing

Test the suitability of packages and containers and ensure they comply with regulations.



As the distribution of goods continues to gain momentum, it has never been more important to test the quality of packaging solutions. Package and container manufacturers, users, and distribution platforms must all comply with regulatory requirements, verifying the suitability of packaging by evaluating its performance throughout the different stages of the distribution chain.

Our offering

Applus+ Laboratories offers a comprehensive packaging testing service, ranging from packages and transport arrangements for consumer, pharmaceutical and industrial products to containers for dangerous goods.

Our laboratories are ISO17025-accredited for testing dangerous goods packaging in accordance with international standards ADR, RID, IMDG and OACI-IATA. We are also a [certified testing laboratory of the International Safe Transit Association \(ISTA\)](#), meaning our test reports are accepted by the major e-commerce platforms, including [Amazon Packaging Certification Programme](#).

As a **one-stop-shop** for the entire validation of a package or container, we will:

- Identify the applicable regulations and tests based on the product, its content and its distribution chain
- Define the testing plan and conduct the necessary tests

- Issue the results report

We perform tests for packages and containers in any type of material, from polymers and metals to cardboard, glass and ceramics. Our evaluations cover the entire distribution chain and every potential use of the packages and containers.

Make sure that packages are fit-for-purpose when it comes to **handling and transportation**, with:

- Mechanical tests
- Airtightness tests
- Internal pressure tests
- Drop tests
- Impact tests
- Stacking/compression tests
- Vibration tests
- Child-proof packaging tests (reclosable and non-reclosable)

Be rest assured about the durability of packaging while in **storage** with:

- Chemical compatibility tests
- Climatic cycle ageing tests
- Water absorption analysis