

# Secure packaging for unaltered products

Packaging for medicines and surgical materials must be defect free. At Cetim we propose comprehensive and rigorous testing to insure packaging compliance.



## OUR CUSTOMER

They include the main leaders in the sector

**M**anufacturers of pharmaceutical and medical products must provide an optimized packaging approach for every product. Single use needles, surgical supplies; implants, sutures, gloves, compresses and other products, packaged in sterile plastic envelopes, must obviously be resistant to penetration by pathogens and bacteria. In the pharmaceutical industry, the need is to insure the integrity of medicine packs – whether they are in strip, aluminum and plastic film or ordinary blister pack – as well as spray bottles. For example, effervescent tablets, highly sensitive to water vapor, must be isolated to remain dry. In all cases, the control of the permeability and

closure tightness of the packaging selected impacts product purity and the market image of the manufacturer, contract packager or laboratory.

## Strict and varied tests

At Cetim, we offer manufacturers a wide range of tests, capable of verifying the tightness of packaging and the permeability of the materials. Our testing regimes insure against any alteration in their products. Our process includes criterion definition for testing according to the leak level acceptable for the packaging and the sensitivity of the product. In cooperation with our clients we define a range of controls governing the testing procedures for implementation. Feasibility studies are conducted

to insure adaptability of the testing protocols in the lab or during the manufacturing process.

## Strict methodology and confidential testing

Cetim analyses of the leakproof requirements, measures the acceptable leak level and defines the implementation of the test means to meet all National Standards and Testing Requirements. All applicable parameters relative to the packaging are controlled in minute detail: tightness, permeability, quality of the crimping, etc. Our testing is conducted in complete confidentiality. In addition, Cetim offers engineering assistance during the design phase for the product and its container. Cetim has an international reputation in leakproof technologies and is recognized by the American Food & Drugs Administration.

## Cetim's asset



- Cetim resources and expertise in helium

based measurement techniques make it possible to control the leak-proof aspects of a wide range of packaged products. - Cetim provides engineering services for comprehensive study of packaging approaches.