

# GASPOROX

LASER SENSOR PACKAGE SOLUTIONS

## **Customer Success Story: Vergeer Holland's Successful Shelf-Life Trials with Gasporox GPX1500 Film Food**

Vergeer Holland, a leading cheese packaging company, recently conducted successful shelf life trials using the Gasporox GPX1500 Film Food device to test new recyclable packaging materials. These trials aimed to identify the optimal packaging solution for their cheese products, focusing on oxygen levels within the packaging to ensure product quality and freshness over time.

The trials included 18 batches of various cheese types, with some packages containing cheese with rind to test the packaging's resilience to punctures. Vergeer Holland observed that, as expected, the cheese absorbed oxygen within the packaging, resulting in around 0% oxygen levels at the 120-day mark. For packages without cheese, a gradual increase in oxygen was detected, starting at 0.2% and rising to an average of 17% over 120 days.

### **Non-Destructive Testing with GPX1500 Film Food: Saving Valuable Packages**

A key advantage of using the Gasporox GPX1500 Film Food device is its ability to provide non-destructive testing. This innovative feature allows Vergeer Holland to assess the oxygen levels within their packaging without damaging the packages. As a result, they can continuously monitor the shelf life and gas composition of their cheese products while preserving the integrity of each package. This approach not only saves valuable product packaging but also ensures consistent and reliable measurements throughout the testing process.

The Gasporox GPX1500 Film Food device played a vital role in providing reliable measurements and insights into the performance of the new mono-layer recyclable foils. The trials revealed that both the reference packaging and the new mono films had a similar increase in oxygen levels, offering Vergeer Holland a clearer understanding of the packaging's barrier properties. As the team gained more experience with the tester, they found it increasingly user-friendly and effective in providing consistent results, even with varying film transparency.

These trials have provided valuable insights into the performance of different packaging materials and will guide Vergeer Holland in selecting the best recyclable packaging solutions for their products. The team looks forward to the next set of results and the continued use of the GPX1500 Film Food device for future packaging innovations.