

# Medical Pouch Loading Tool

---

## The Problem

Medical device manufacturers have traditionally loaded tensile-tester grips by hand, introducing significant human-factor variability. Over the past five years, the industry has increasingly recognized how operator technique can distort peel-test results. When a specimen is not perfectly squared in the thin-film grips, the sealed area may be pulled at an angle, creating faulty data and undermining the integrity of ASTM F-88 testing. Manual loading also increases the risk of inconsistent alignment and compromised validation outcomes.

## The Solution

Our development team recognized the need for a tool that ensures every specimen is loaded into thin-film grips with identical placement and perfect alignment. The laser-cut loading tool positions each pouch specimen squarely and at a consistent distance between the moving and stationary grips, eliminating user-dependent variables. This simple but critical improvement strengthens data accuracy and supports reliable pass/fail decisions for medical device pouch seals.

**van der stähl**  
SCIENTIFIC

Connecting medical device packaging to patient safety.

**Call Customer Care: 800-550-3854**