

PACKED WITH EXPERTISE

ACTEbond® FOR PORTION PACKS

ACTEGA-LAMINATING ADHESIVES
BPA-NI AND EPOXYSILANE-FREE

ACTEbond® LAMINATING ADHESIVES FOR PORTION PACKS

- ✓ For pet- and human-food
- ✓ For drinks such as tea and coffee

CONSUMER BENEFITS

Safe food packaging free from BPA and epoxysilanes

CUSTOMER BENEFITS

Excellent adhesion, including to aluminum substrates – also supports use on aluminum that contains magnesium or has been batch – annealed

Outstanding filling resistance (even for contents with extremely high acid or fat levels)

OUR RECOMMENDATION FOR PORTION PACKS

ACTEbond® ASB-208 series

- ✓ Can be used for all conventional aluminum substrates and critical contents (acidic and fatty)
- ✓ Also available in a wide variety of colors

HARDENER HT-049-S

- ✓ Aliphatic, yellowing-resistant hardener for aluminum laminates
- ✓ Doesn't generate any primary aromatic amines (PAA) during the sterilization process

FORMULATION

Solvent-based
2-component
polyurethane adhesive
based on polyols in
combination with
aliphatic
isocyanates.



PHYSICAL DATA

Adhesives	Solid content [%]	Density [g/ml]	Viscosity
ACTEbond® ASB-208	49 ±2	1,045 ±0.05	2.500 ±1.500 mPas
ACTEbond® ASB-208 (gold)	53 ±1	1,050 ±0.05	1.000 ±500 mPas

Hardener	Solid content [%]	Density [g/ml]	Viscosity
HT-049-S	85 ±2	1,10 ±0.05	1.000 ±500 mPas

Food safety thanks to adhesives that are free of epoxysilanes and BPA

Reliably safeguarding consumer health is our top priority. When it comes to applications that involve (direct) contact with foods, we painstakingly investigate the safety of the relevant raw materials and use only materials that verifiably comply with food regulations (such as FDA and EU directives).

As part of a safety-conscious approach, ACTEGA has developed adhesives that are free from BPA and epoxysilanes (such as GLYMO and GLYEO) but also exhibit outstanding performance.

Technical Data

ACTEbond® ASB-908 & HT-049-S

Also meets the most stringent requirements for sterilization resistance

Outstanding substrate adhesion and flexibility

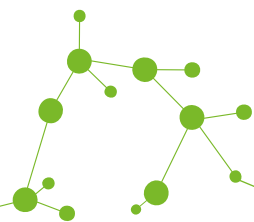
Exceptionally good thermal and chemical resistance

Free from aromatics (no PAAs are produced during sterilization)

Sustainability

By using thinner aluminum, ACTEGA is helping cut packaging waste and making a major contribution to preserving resources (reduced use of materials and energy).

READ HERE,
WHY ACTEGA PROACTIVELY
CHANGED ITS ACTEBOND®
ADHESIVE RANGE AND DOES NOT
USE BISPHENOL A (BPA) AND
EPOXYSILANE IN ITS ADHESIVES.

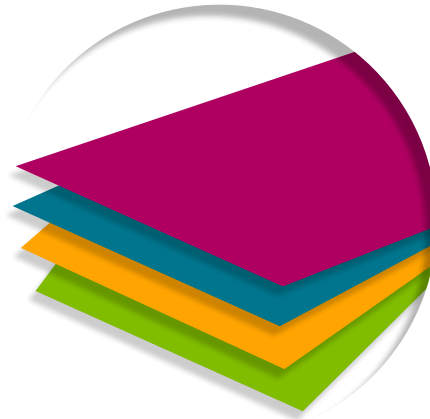




BESIDES LAMINATING ADHESIVES, WE ALSO OFFER A WIDE-RANGING PORTFOLIO OF ACTECOAT® PROTECTIVE COATINGS FOR FOOD TRAYS. FOR MORE INFORMATION, PLEASE CLICK HERE.



Here you can see the typical structure of a tray for food and pet food.



Human & Pet Food- Containers

- Lacquer (ACTEcoat® Protective Coating) 3 µm
- Aluminium 80-90 µm
- Adhesive (ACTEbond® ASB-208+HT-049-S) 5 µm
- PP 30 µm

Our adhesives are also available in a wide variety of colors.

The pigmented adhesives from ACTEGA combine a decorative appearance with functional performance, while our color expertise offers additional, unique features for our ACTEbond® laminating adhesives range.

The colored versions enable you to replace full-area color printing. This saves on processing time and costs while also making it possible to create custom packaging designs by printing additional colors. Our pigmented adhesives are also impressive thanks to their excellent covering properties and their suitability for direct contact with foods (in line with FDA and EU directives).

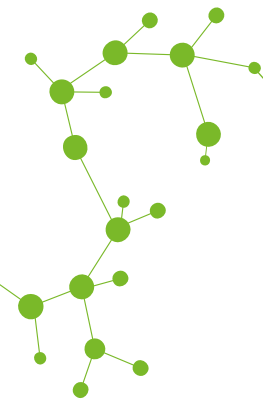
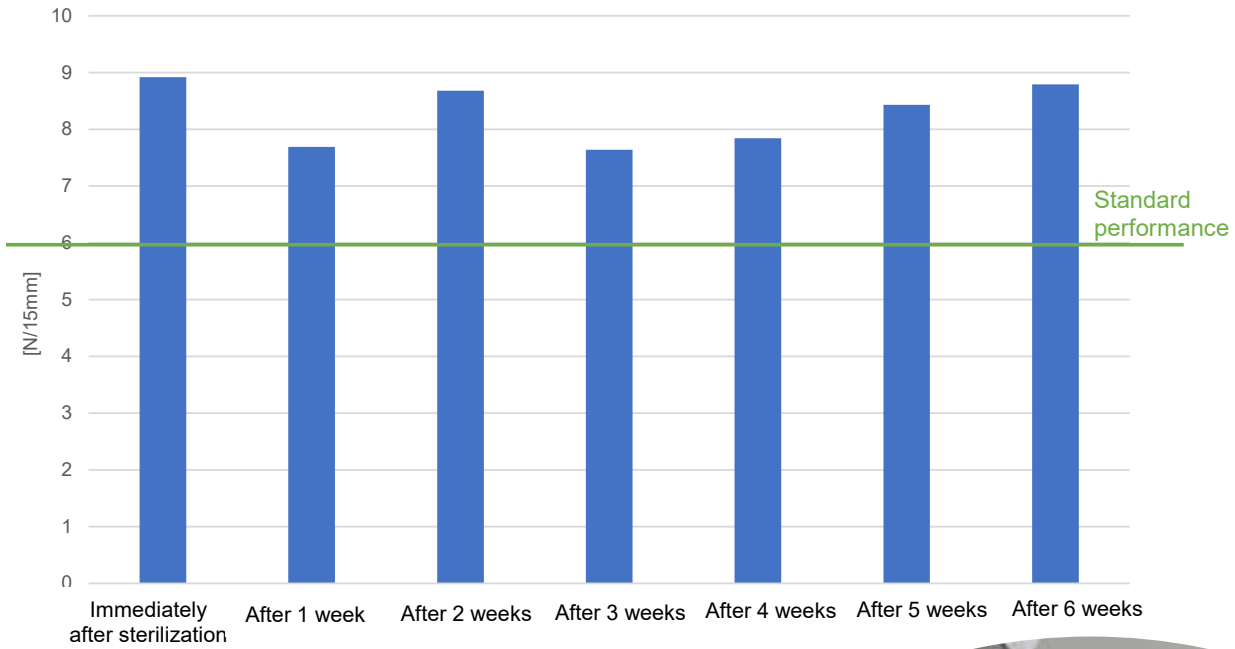


COMPOSITE ADHESION

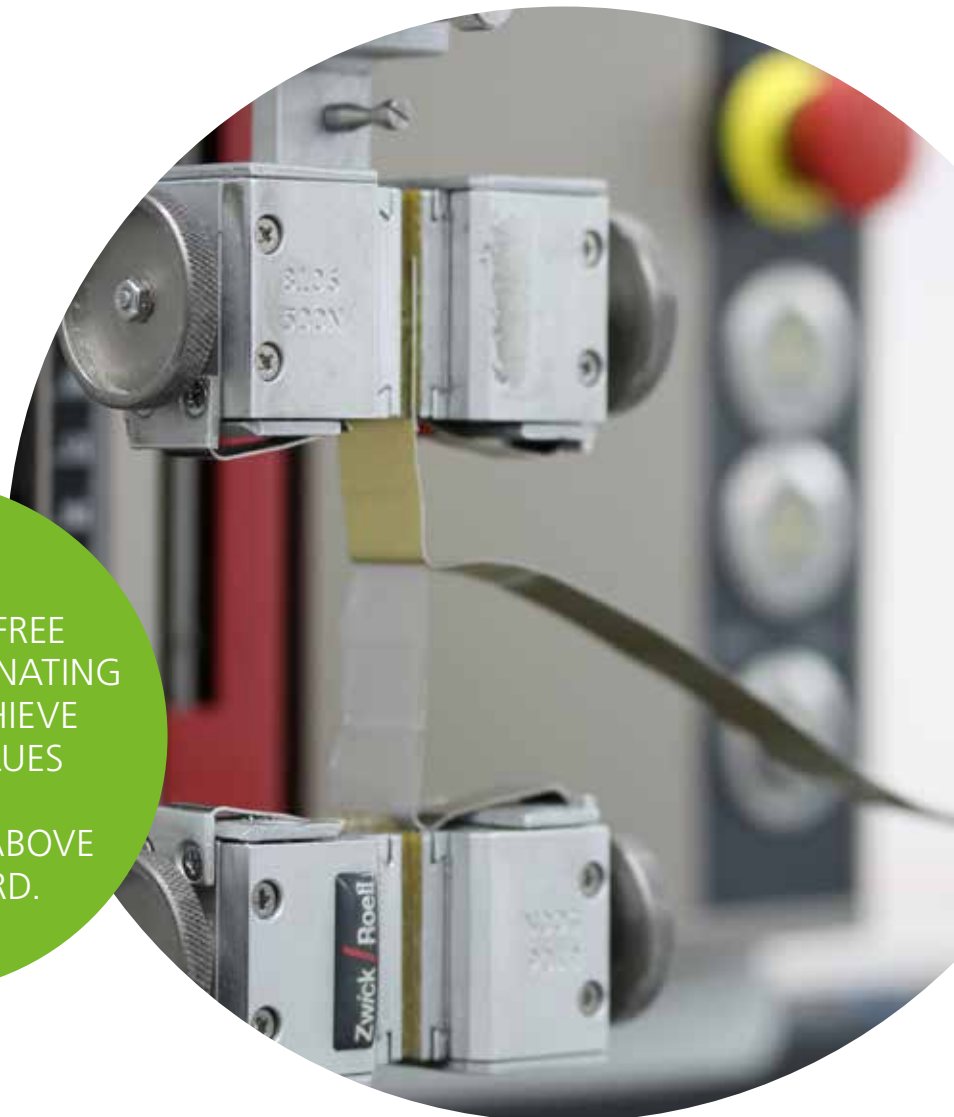
– IMMEDIATELY AND AFTER STORAGE FOR SEVERAL WEEKS –

ACTEbond® ASB-208 series

Trays filled with simulant solution, sealed, sterilized (131°C/30 min), checking adhesion immediately and after storage in a climatic chamber (40°C/50 % humidity)



OUR EPOXYSILANE-FREE AND BPA-NI LAMINATING ADHESIVES ACHIEVE ADHESION VALUES THAT ARE SIGNIFICANTLY ABOVE THE STANDARD.



ACTEGA YOUR COMPETENT PARTNER FOR THE PACKAGING MARKET

Technical service and tailored advice

Selecting the perfect product from our wide-ranging portfolio of successful, tried-and-tested standard solutions

Joint development of a bespoke product solution

Considerable expertise in legal matters concerning food-stuffs

Extensive know-how when it comes to our customers' plants

Supporting new products at the customer plant
Laboratory analysis and trouble shooting on site

Production

Customer-specific order production

Small volumes also available

Research & development

Ultramodern laboratory equipment

High level of investment in R&D

Innovative, market-oriented product development

Quality control

Quality control using state-of-the-art testing equipment

Quality certificates for each individual batch

100 % traceability of raw materials, products, and deliveries

Integrated management system:

Quality management system

Environmental management system

Energy management system

Occupational health and safety management system



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