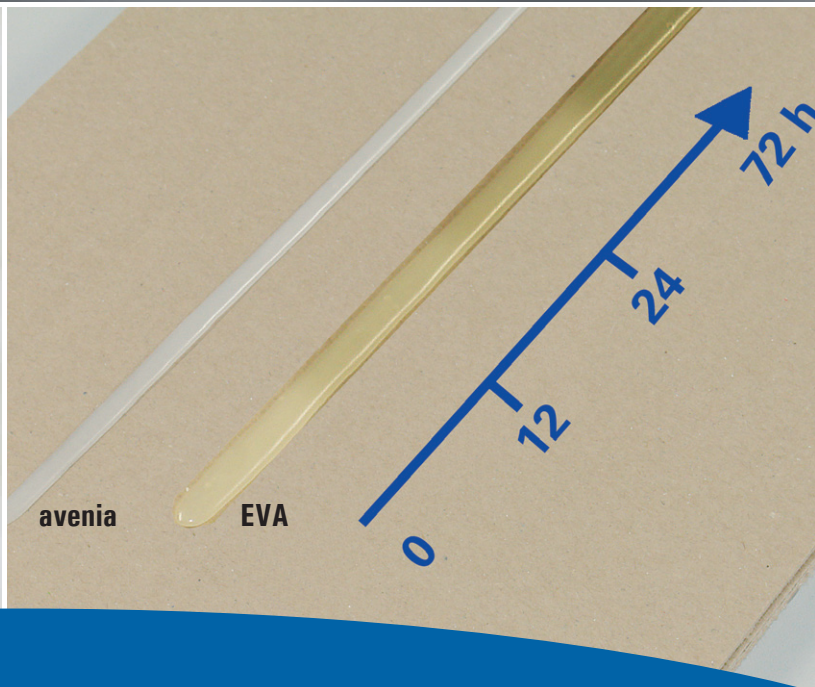


**HOT MELT
IS OUR
PASSION**

For more than 90 years



Packaging Industry

BÜHNEN
ADHESIVE SYSTEMS

Hot melt adhesives for the packaging industry



The challenge

Safe bonding plays an important role in the packaging industry. The choice of a suitable adhesive is subject to certain **prerequisites**:

- For which application is the packaging intended? What are the environmental variables, such as temperature, humidity etc., in the **production** as well as in the **shipping**?
- How high is the throughput in the system?
- What is the further use of the cardboard?
- Is the cardboard lacquered or not? Is it coated?
- If so, what is it lacquered or coated with?
- Does the cardboard have high restoring forces?

The more detailed the answers to these questions are, the more targeted a suitable adhesive and the matching application system can be selected.

Our solution

Our wide range contains **hot melt adhesives**, etc.

- for particularly difficult surfaces,
- with a wide adhesion spectrum,
- for the absorption of high restoring forces,
- for hand-held or automatic application,
- with long, medium or short open time,
- with high heat resistance,
- good cold flexibility,
- with FDA certification and
- with a very good price-performance ratio.

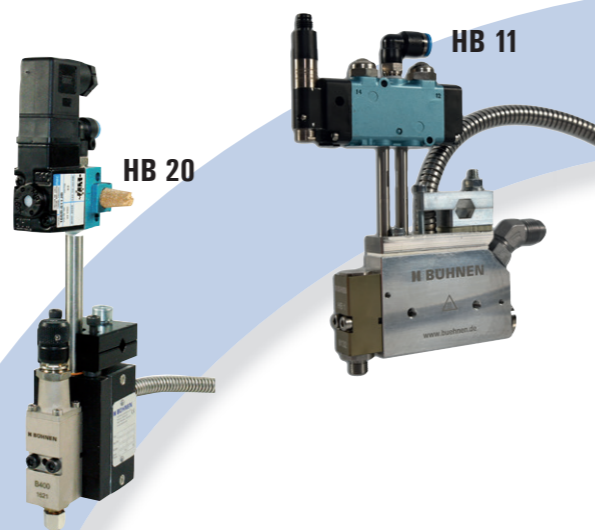
one4all

In our comprehensive one4all range, we offer around 1,000 compatible spare parts – such as nozzles or pumps from our own production – for the manufacturers Nordson, Robatech and ITW-Dynatec.

With regard to the application of adhesive, we offer a range of suitable **equipment systems**:

- Hot melt tank systems in different sizes for melting granules, pillows or cartridges.
- A wide range of accessories, including compatible spare parts for adhesive tank systems from other manufacturers.

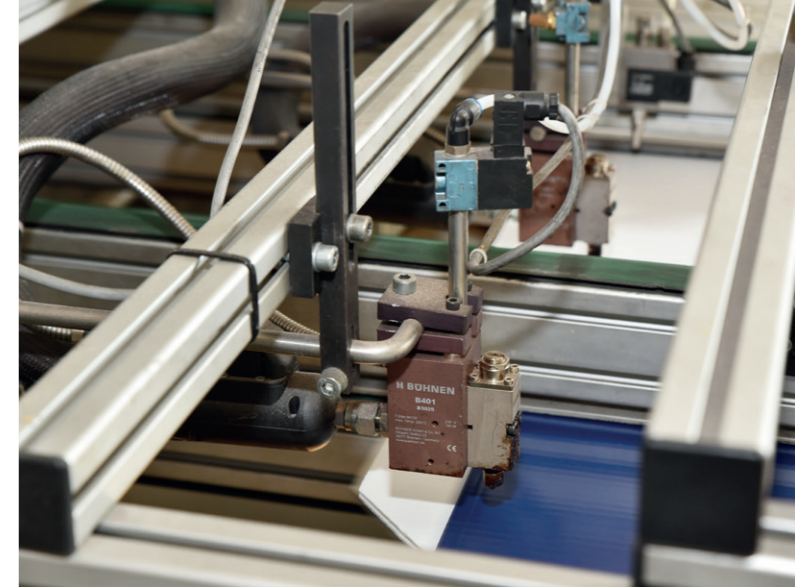
Let us jointly determine the system that is suitable for you, consisting of **adhesive and application technology**. Set us a challenge and contact us today.



avenia – oxidation-stable packaging adhesives

Your advantages when using **avenia** products:

- Very high colour and oxidation stability, no cracking: increase in machine efficiency by reducing down time and decreasing reject costs
- High process stability due to constant viscosity stability results in consistent bonding quality.
- Good cold flexibility
- High heat resistance
- User-friendly processing due to odour-free **avenia** product range
- Reduction of adhesive costs due to lower adhesive consumption
- Suitable for use in the food industry (FDA 175.105)



Advantages of EVA hot melt adhesives

- Attractive price-performance ratio
- Short open and setting times
- Proven technology
- Excellent adhesion, even on difficult surfaces
- Very wide range of formulation options
- Ideal for high demands or short rest periods
- Suitable for use in the food industry (FDA 175.105)

Product range for the packaging industry

- Automatic adhesive application and automatic joining

Field of application	Product recommendation	
	EVA	avenia
Universal	A42914*	B43256
Fast absorption of high restoring forces / low stringing	A41537.1	B43256
Fast-running systems	A41537.1	B41844
Lacquered surfaces	A41602*	B61472.1
Deep freezer packaging	A41602	B61472.1
Hot filling	–	B42042.2

* Alternative: A42848 white EVA hot-melt adhesive with higher oxidation stability, Basis: EVA - Ethylene-vinyl acetate / PO - Polyolefin Delivery forms: 4 - Granulates / 6 - Pillows

With the HB 6000, up to 6 gluing stations / workstations can be operated simultaneously



Why BÜHNEN?

BÜHNEN – the One-Stop solution for hot melt adhesive

- Only **one contact person** for all technical adhesive issues
- **High advisory expertise** – for more than 90 years –
Secure support for a reliable bonding process
- **Wide range** of hot melt adhesives for virtually every application
- Extensive range of **matching application systems** and accessories
- **Quickly accessible** and very close to the customer
- **Comprehensive range of services**
- **Fast delivery** even of **small quantities**

Our range of equipment for the packaging industry

Extensive range of accessories



Heatable hoses



Hot melt adhesive application heads



Hot melt adhesive tank systems series HB 6000



Compatible accessories range one4all



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