

Carton Converting Adhesives



With a history going back almost 100 years, the companies in our group have been leading players in various aspects of the adhesives industry. Since our inception we have worked hard to develop robust approaches to our business that put our customers at the forefront of all we do. We are proud to collaborate with customers to help them achieve high performance manufacturing, and as a consequence, our adhesives are used throughout the world.

Scientific advancements have been an integral part of who we are since the start. Our founders were pioneers in the adhesives industry, responsible for some of the biggest advances in the field of adhesives and their application.

We use our industry knowledge and technical expertise to formulate solutions with, and for, our customers. Our strategy is focused on helping customers improve their operational performance by providing high quality products that maximise uptime and process performance, enabling business growth.

- ✓ **Extensive technical expertise across all adhesive applications**
- ✓ **Strong associations with allied industries & trade bodies**
- ✓ **Socially & environmentally responsible manufacturing**
- ✓ **Powerful culture of innovation & collaboration**



The Gluecom Approach

SUSTAINABILITY

As a leading adhesive manufacturer, we are committed to develop products that will assist in reducing the impact modern life has on our environment and its natural resources. Green and sustainable solutions are predicted to show strong growth as consumers environmental concerns are stimulating demand.

There are a number of ways in which adhesives can be engineered to reduce your products' footprint on the planet, improving your environmental friendliness. We continue to work with clients in a collaborative process to determine the best ecological solution for their unique demand. We help customers develop products that are repulpable, recyclable, bio-based, biodegradable or compostable.



ASK US ABOUT
OUR SUSTAINABLE
AND
BIO-BASED
OPTIONS



Carton Converting Adhesives

As a major supplier to the packaging industry, the Gluecom group supplies a comprehensive range of carton converting adhesives, covering all combinations of substrates and application methods.

Our adhesives are designed to be clean running and low maintenance in order to maintain machine uptime. Formulated from the most modern copolymers our products are capable of running at the highest line speeds, and bonding the most difficult surfaces - including UV laquers, OPP, Metpol, PE, PET, PVC and cellulose acetate.

All of our carton converting adhesives are food safe and available with UV additive for glue detection systems.

Should there be a requirement outside of our current range of adhesives, we can create a bespoke product tailored to your specific needs to ensure you have the most cost effective solution for your unique conditions.

BENEFITS

- Improved manufacturing efficiencies
- Clean running
- High mileage
- Cost effective solutions
- Superior machine performance
- Consistently high quality
- Performance testing
- Bespoke solutions

ADHESIVES FOR

Straight line gluing
Window patching
Susceptor patch bonding
Sandwich packs
Carton sealing
Trays

Suitable for : Food packaging | Oven | Deep freeze | Microwave

Adhesives for jetting applications

AquaPAL® 9278

Viscosity : 360 centiPoise

- Exceptionally clean running
- Ideal for clay-coated board and poor liners
- Good for thin lines and small, precise dots
- Good for low pressure systems

Solids : 47.5%
Colour : White

UV ACTIVE

AquaPAL® 9600

Viscosity : 950 centiPoise

- Excellent bond to plain and clay coated board
- Clean running and resistant to drying on nozzles
- Suitable for some PE extrusion and metpol laminated boards
- Suitable for high pressure systems

Solids : 48.0%
Colour : White

UV ACTIVE

AquaPAL® 4761

Viscosity : 1100 centiPoise

- Specifically formulated for HHS PX 1000 applicators
- High penetration for clay coated papers and boards
- Exceptionally clean running
- Precise application

Solids : 53.0%
Colour : White

UV ACTIVE

AquaPAL® 9333

Viscosity : 600 centiPoise

- Developed for non-contact nozzle application
- Excellent adhesion to UV varnish and other difficult surfaces
- Good creep resistance / high cohesive strength
- Good mileage

Solids : 50.5%
Colour : White

FREEZER RESISTANT

AquaPAL® 9319

Viscosity : 1500 centiPoise

- Excellent adhesion to UV varnish and other difficult surfaces
- High creep resistance
- Suitable for high pressure systems
- Precise application

Solids : 54.5%
Colour : White

FREEZER RESISTANT



Our experienced technical adhesive and application specialists work closely with customers and machinery suppliers to optimise performance.

Whatever you're bonding, we have the right adhesive solution for you.

AquaPAL® 4994

Viscosity : 2400 centiPoise

- Designed for bond treated OPP
- Excellent adhesion to a wide range of difficult surfaces
- Suitable for all jetting systems
- Good mileage

Solids : 48.0%
Colour : White**LOW MAINTENANCE****AquaPAL® 9608**

Viscosity : 500 centiPoise

- Specially formulated for bonding PE coated boards
- Precise application
- Suitable for all jetting systems
- Good mileage

Solids : 49.0%
Colour : Cream**HEAT RESISTANT**

Adhesives for wheel applications

AquaPAL® 8900

Viscosity : 4300 centiPoise

- Designed for very high machine speeds
- Exceptionally clean running
- Excellent adhesion to plain and coated boards
- Good mileage

Solids : 55.5%
Colour : White**DEEP FIBRE TEAR****AquaPAL® 9238**

Viscosity : 4800 centiPoise

- Excellent adhesion to UV varnishes and other difficult surfaces
- Low maintenance
- High creep resistance
- Good mileage

Solids : 59.0%
Colour : White**HIGH SPEED****AquaPAL® 5142**

Viscosity : 4200 centiPoise

- Excellent adhesion to Metpol, PE coated boards and UV varnishes
- Suitable for large and heavy boxes
- Fast fibre tear
- Good mileage

Solids : 50.5%
Colour : White**FILMIC SURFACES****AquaPAL® P3250**

Viscosity : 1900 centiPoise

- High adhesion to a range of difficult surfaces
- Suitable for cartons stored in fridge and freezers
- Suitable for small packages
- Dries clear

Solids : 53.0%
Colour : White**FILMIC SURFACES**

AquaPAL® 9715

Viscosity : 5600 centiPoise

- Formulated for difficult to bond PE coated boards
- Clean running
- Deep fibre tear
- Good mileage

Solids : 55.0%
Colour : Pale yellow**HEAT RESISTANT****AquaPAL® 4087LM**

Viscosity : 3800 centiPoise

- Ideal for clay-coated board at high speeds
- High productivity
- Low migration
- Plasticiser free

Solids : 54.0%
Colour : White**DEEP FIBRE TEAR**

Adhesives for window applications

AquaPAL® 9400

Viscosity : 880 centiPoise

- For bonding films such as cellulose acetate, PET and PVC
- Low maintenance
- Good tray life
- Excellent bond at low temperatures

Solids : 56.5%
Colour : White**FREEZER APPLICATIONS****AquaPAL® 9800**

Viscosity : 750 centiPoise

- For bonding polyester film to PE coated board
- Suitable for sandwich packs
- Good moisture resistance
- Excellent mileage

Solids : 54.0%
Colour : White**FRIDGE APPLICATIONS**

With sites across Europe, each company within the Gluecom group operates as an autonomous business, but has access to the adhesive products and technical facilities of the group.

This enables us to run with the speed and flexibility of small companies but with the purchasing power, technical facilities and manufacturing power of the multi-nationals.

Hotmelts for folding carton

Demcomelt 60055

Viscosity : 1600 mPas @ 120°C

- Low application temperature
- Wide application suitability
- Good for medium to high speed lines

Application Temp : 120-160°C
Colour : Yellow EVA

DEEP FREEZE

Demcomelt 60122

Viscosity : 1500 mPas @ 170°C

- Suitable for all machine speeds
- Good heat resistance
- Wide application suitability

Application Temp : 150-180°C
Colour : Yellow EVA

DIFFICULT MATERIALS

Demcomelt 60142

Viscosity : 1400 mPas @ 170°C

- Good adhesion to a range of difficult surfaces
- High hot tack

Application Temp : 150-180°C
Colour : Yellow EVA

HIGH ADHESION

Demcomelt 70042

Viscosity : 800 mPas @ 170°C

- Suitable for difficult surfaces
- Ideal for slower machines
- Can be applied at lower temperatures
- Excellent mileage

Application Temp : 130-180°C
Colour : White metallocene

SLOW MACHINES

Demcomelt 70051

Viscosity : 2600 mPas @ 120°C

- Low application temperature
- Good for difficult surfaces
- Excellent mileage

Application Temp : 120-180°C
Colour : White metallocene

DEEP FREEZE

Demcomelt 70132

Viscosity : 1200 mPas @ 170°C

- Good heat resistance
- Clean application
- Excellent mileage

Application Temp : 150-180°C
Colour : White metallocene

DEEP FREEZE

Demcomelt 70138

Viscosity : 1125 mPas @ 170°C

- Essential oil resistant
- Good heat resistance
- Suitable for deep freeze
- Good for machines with low compression

Application Temp : 150-180°C
Colour : White metallocene**HIGH HOT TACK****Demcomelt 70150**

Viscosity : 1500 mPas @ 170°C

- Suitable for PP and PET
- Very good thermal stability
- No carbonisation

Application Temp : 150-180°C
Colour : White metallocene**WINDOW PATCHING****Demcomelt 70230**

Viscosity : 2000 mPas @ 170°C

- Good for difficult surfaces
- High heat resistance
- Suitable for deep freeze
- High cohesive strength

Application Temp : 150-180°C
Colour : White metallocene**LUXURY PACKAGING**

“ The carton converting market is constantly evolving; no longer used solely for protection and preservation, but now also as a tool for communication and product differentiation.

Consumers are also demanding more from their packaging. With functionality and freshness a given, there is a drive towards sustainability and food safety too.

Understanding these packaging needs and how the industry regulations extend to our adhesives allows us to collaborate with our customers, ensuring we stay ahead of the curve when it comes to meeting even the most advanced requirements.

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Our production facilities are equipped with the latest technology. Each plant has long experience and a specific focus in the production of industrial adhesives.

Raw materials are carefully sourced and transformed into a wide range of high quality end products.



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