

# Envelope 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



# Envelope Adhesives

Challenges to envelope manufacturers are growing, with demands to increase efficiency and productivity.

As industry leaders we have built a strong reputation as a quality manufacturer of high performance adhesives. Our products offer excellent machining and superior bonding to all types of natural and synthetic substrates including papers, coated stocks and various low energy surfaces such as PET, PP or treated PE.

Through careful selection of window and side seam adhesives we can support you in optimising your production process to achieve the highest line speeds. Our self-seal latex and peel & seal pressure sensitive adhesives are amongst the cleanest running available. Our advanced dextrin-based flap gum formulations allow extremely low coat weights while maintaining exceptionally fast reseal speeds.

## PERFECTED FOR

- High speed throughput
- Consistent performance
- Easy-cleaning
- Excellent blocking resistance
- Outstanding tray life
- Clean running
- Fast setting

## ADHESIVES FOR

Straight line gluing  
Window patching  
Gumming  
Self seal  
Peel & seal

Suitable for : Envelopes | Pockets | Wallets | Greeting Cards | Decorative Envelopes

# Adhesives for envelope seals

## AquaPAL® 4213

Viscosity : 16.5 Poise

- High bond strength, and therefore security
- Exceptional blocking resistance
- Fast drying
- Easy reactivation

Solids : 66.5%  
Colour : Beige

RE-MOIST

## AquaPAL® 4213HW

Viscosity : 20.5 Poise

- High bond strength, and therefore security
- Exceptional blocking resistance
- Fast drying
- Easy reactivation
- Dries clear

Solids : 68.0%  
Colour : Pale amber

RE-MOIST

## AquaPAL® L491

Viscosity : 1550 CentiPoise

- High bond strength, and therefore security
- Ideal for high speed machines
- Exceptionally low maintenance
- Good mileage

Solids : 58.0%  
Colour : Cream

SELF-SEAL

## AquaPAL® 4628

Viscosity : 18.0 Poise

- High tack for difficult papers and large envelopes
- Ideal for high speed machines
- Low maintenance
- Good mileage

Solids : 58.0%  
Colour : Cream

PEEL & SEAL

## Demcomelt 80650

Viscosity : 6500 mPas

- Ideal for labels, envelope flaps and padded envelopes
- High cold tack
- Good thermal stability
- High peel adhesion

Colour : Yellow  
Application Temp : 150-180°C  
Form : Pillows

SELF-ADHESIVE SEAL STRIP



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.

## Adhesives for side seam only

### AquaPAL® 9573F

Viscosity : 5.0 Poise

- Excellent bond to difficult liner papers and coated boards
- High penetration for clay coated papers and boards
- Exceptionally low maintenance
- Precise application

Solids : 52.5%  
Colour : White

UV ACTIVE

### AquaPAL® 4777

Viscosity : 3.25 Poise

- Suitable for latex envelopes
- High bond strength, and therefore security
- Fibre tear off end of line
- Low maintenance

Solids : 51.0%  
Colour : White

FAST GRAB

### AquaPAL® 4607

Viscosity : 4.25 Poise

- High adhesion at low coat weight
- High bond strength, and therefore security
- Fibre tear off end of line
- Low maintenance

Solids : 56.0%  
Colour : White

HIGH WET TACK



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.

## Adhesives for side seam & window patching

### AquaPAL® 4545

Viscosity : 4.5 Poise

- Ideal for polyester, cellulose, acetate, polystyrene and glassine films
- High wet tack
- Fibre tear off end of line
- Extended tray life

Solids : 66.0%  
Colour : White

**FAST SETTING**

### AquaPAL® 4545LV

Viscosity : 2.5 Poise

- Ideal for polyester, cellulose, acetate, polystyrene and glassine films
- High wet tack
- Fibre tear off end of line
- Low maintenance

Solids : 64.0%  
Colour : White

**FAST SETTING**

### AquaPAL® 4138

Viscosity : 5.0 Poise

- Ideal for polyester, cellulose, acetate, polystyrene and glassine films
- Suitable for medium machine speeds
- High bond strength, and therefore security
- Low maintenance

Solids : 66.0%  
Colour : White

**GOOD MILEAGE**

“ Envelopes are still making their way around the globe, from greetings cards to important documents and items.

We work with envelope manufacturers to understand the current market trends and develop adhesives that work with a large array of paper, film and foil stock. Whether for straight line gluing, window patching, gumming, self seal or peel and seal, you can be confident that our adhesives will provide secure bonding and efficient production.

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