

# Bookbinding 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



# Bookbinding Adhesives

Despite the growth of electronic books and tablets, traditional books remain extremely popular. Providing the correct industrial adhesives for bookbinding is challenging because there are such a wide variety of materials, binding styles and machinery.

Books are often a treasured possession and must stand up to years of hard use, so finding the correct adhesives is crucial. As a specialist adhesive manufacturer, the Gluecom group offers a range of very effective, yet competitively priced adhesives for use in bookbinding. Having built a reputation for outstanding levels of service, quality and technical ability, we continue to invest in new product development.

Bookbinding, by its very nature, requires a number of very specific adhesives for the different applications it comprises. In both traditional bookbinding and perfect bookbinding, the Gluecom group offers solutions to your needs.

Whether you are using Kolbus, Müller Martini, Schmedt, Hörauf or similar, we believe our bookbinding adhesives are some of the best on the market.

## BENEFITS

- Good rounding, even over time
- Good for a range of paper types
- Resistant to inks and solvents
- Standard & digitally printed substrates
- Not affected by fusing oils and coatings

## ADHESIVES FOR

Spine gluing & backlining  
Side gluing  
End-papering  
Casing-in  
Book covers  
Joint gluing

Suitable for : Hardback books | Paperback books | Magazines | Catalogues | Print-on-demand

## Spine gluing and backlining

### Demcomelt 60153

Viscosity : 1600 mPas @ 170°C

- Coolmelt
- Ideal for magazines and catalogues
- Medium open time
- Medium setting time
- Heat & cold resistant
- Single & 2 shot binding

Application Temp : 120-150°C  
Colour : Pale yellow EVA  
Packaging : Pellets

FAST

### Demcomelt 60242

Viscosity : 2700 mPas @ 170°C

- For fast production lines
- Very high adhesion
- Short open time
- Fast setting time
- Heat & cold resistant
- Single & 2 shot binding

Application Temp : 150-180°C  
Colour : Transparent  
Packaging : Pellets

VERY FAST

### Demcomelt 60360

Viscosity : 3500 mPas @ 170°C

- Excellent single sheet adhesion
- Good layflat for paperbacks
- Medium open time
- Long setting time
- Heat & cold resistant
- Single & 2 shot binding
- Cleanless running

Application Temp : 150-180°C  
Colour : Transparent EVA  
Packaging : Pellets

TRANSPARENT & UNIVERSAL

### Demcomelt 70360

Viscosity : 3250 mPas @ 170°C

- Good adhesion to difficult papers
- Excellent single sheet adhesion
- Long open time
- Long setting time
- Heat & cold resistant
- Single & 2 shot binding

Application Temp : 150-180°C  
Colour : Opaque white EVA  
Packaging : Pellets

FLEXIBLE & UNIVERSAL



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.

#### Demcomelt 70361

Viscosity : 3500 mPas @ 170°C

- Excellent roundability
- Good layflat for paperbacks
- Very long open time
- Long setting time
- Heat & cold resistant
- Single & 2 shot binding

Application Temp : 150-180°C  
Colour : Opaque white EVA  
Packaging : Pellets

VERY FLEXIBLE & UNIVERSAL

#### Demcomelt 70363

Viscosity : 3200 mPas @ 170°C

- Ideal for brochures, paperbacks and book blocks
- Clear film when dried
- Medium open time
- Long setting time
- Heat & cold resistant
- Single & 2 shot binding

Application Temp : 150-180°C  
Colour : White EVA  
Packaging : Pellets

FLEXIBLE & UNIVERSAL

## Side gluing

#### Demcomelt 60140

Viscosity : 1500 mPas @ 170°C

- Ideal for side gluing and end papering
- Good cold tack
- Medium open time
- Long setting time

Application Temp : 150-180°C  
Colour : Pale yellow EVA  
Packaging : Pellets

HIGH SPEED MACHINES

#### Demcomelt 80040

Viscosity : 700 mPas @ 170°C

- Ideal for side gluing and end papering
- Long setting time
- Very high adhesion
- Low viscosity

Application Temp : 150-180°C  
Colour : Translucent PSA  
Packaging : Mini pillows

PERMANENT TACK

#### Demcomelt 80160

Viscosity : 1438 mPas @ 170°C

- Ideal for side gluing, joint gluing and end papering
- Long open time
- Long setting time
- No residual tack

Application Temp : 150-180°C  
Colour : White EVA  
Packaging : Mini pillows

HIGH HOT TACK

#### Demcomelt 80163

Viscosity : 1500 mPas @ 170°C

- Good adhesion
- Very high initial tack
- Long setting time
- Very long open time

Application Temp : 150-180°C  
Colour : Translucent EVA  
Packaging : Mini pillows

**MOST UNIVERSAL**

#### Demcomelt 80170

Viscosity : 1050 mPas @ 170°C

- Very good adhesion to difficult surfaces
- Clear film
- Long open time
- Very long setting time

Application Temp : 150-180°C  
Colour : Translucent PSA  
Packaging : Mini pillows

**PERMANENT TACK**

## End papering and joint gluing

#### Demcomelt 80163

Viscosity : 1500 mPas @ 170°C

- Very good adhesion
- Very high initial tack
- Long setting time
- Very long open time

Application Temp : 150-180°C  
Colour : Translucent EVA  
Packaging : Mini pillows

**MOST UNIVERSAL**

#### Demcomelt 80170

Viscosity : 1050 mPas @ 170°C

- Very good adhesion to difficult surfaces
- Clear film
- Long open time
- Very long setting time

Application Temp : 150-180°C  
Colour : Translucent PSA  
Packaging : Mini pillows

**PERMANENT 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.

Demcomelt 70150

Viscosity : 1500 mPas @ 170°C

- Very long open time
- Polyolefin joint gluing
- Very long setting time
- Transparent

Application Temp : 150-180°C  
Colour : Translucent  
Packaging : Pellets

VERY DIFFICULT MATERIALS

## Casing-in

DEV47

Viscosity : 1000-1500 mPas @ 25°C

- Good adhesion to difficult surfaces
- Short setting time
- High initial tack
- Easy to work with
- Clean running

Solids : 50-53%  
Form : Liquid

SLOWER MACHINE SPEEDS

DEV193

Viscosity : 2400-2800 mPas @ 25°C

- Excellent adhesion to difficult surfaces
- Short setting time
- Medium initial tack

Solids : 57-60%  
Form : Liquid

HIGH MACHINE SPEEDS

DEV265

Viscosity : 2900-3400 mPas @ 25°C

- Excellent adhesion to difficult surfaces
- Medium setting time
- Medium initial tack
- Will bond most substrates
- Laminated & varnished covers

Solids : 58-61%  
Form : Liquid

HIGH MACHINE SPEEDS

DEV365

Viscosity : 75000-85000 mPas @ 25°C

- Excellent adhesion to difficult surfaces
- Medium setting time
- High initial tack
- Semi automatic machines

Solids : 59-66%  
Form : Liquid

HIGH VISCOSITY PASTE



## Case-making



### PLAKAL 370

Viscosity : 2000-2400 mPas

- All purpose standard product
- Transparent when dry
- Short open time
- Very direct tack
- Relatively high solid content

Solids : 49-50%  
Form : Jelly  
Packaging : 2.5 kilo pillows

ALL PURPOSE

### PLAKAL 371

Viscosity : 2450-2850 mPas

- Resistant to high temperature & humidity levels
- Transparent when dry
- Short open time
- Very direct tack
- Medium solid content

Solids : 44-45%  
Form : Jelly  
Packaging : 2.5 kilo pillows

DIFFICULT CONDITIONS

### Davis CM595

Viscosity : 2700-3000 mPas

- Ideal for standard book covering materials
- Transparent when dry
- Short open time
- Very direct tack
- 30-60 cases per minute

Solids : 48-50%  
Form : Jelly  
Packaging : 2.5 kilo pillows

ALL PURPOSE

### Davis CM602

Viscosity : 3700-4100 mPas

- Ideal for standard book covering materials
- Transparent when dry
- Short open time
- Very direct tack
- Resistant to high temperature & humidity

Solids : 48-50%  
Form : Jelly  
Packaging : 2.5 kilo pillows

DIFFICULT CONDITIONS



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.

Davis LB120

Viscosity : 1050-1250 mPas

- Ideal for slow bookbinding machines such as Schmedt
- Transparent when dry
- Medium to long open time
- Direct tack

Solids : 61-65%  
Form : Jelly  
Packaging : 2.5 kilo pillows

SLOW MACHINES

## Spine gluing



PLAKAL 880

Viscosity : 7200-8800 mPas

- High viscosity
- Forms an elastic film after drying
- Good adhesion on dry dispersion adhesive
- White colour

Solids : 61%  
Form : Jelly  
Packaging : 2.5 kilo pillows

ELASTIC SPINE GLUE

Davis BL615W

Viscosity : 5000-5500 mPas

- Medium viscosity
- Standard spine glue
- White colour

Solids : 59-62%  
Form : Jelly  
Packaging : 2.5 kilo pillows

STANDARD SPINE GLUE

## Biodegradable / Bio-based

Please enquire with your nearest Gluecom office for our full range of bio-based and biodegradable adhesives for bookbinding

“ Books are often a treasured possession and must stand up to years of hard use, so finding the correct adhesive is crucial.

Gluecom supplies commercial adhesive products for every bookbinding application, and has a superb reputation for quality and technical expertise in this market. ”



### UK & Ireland

ACE ADHESIVES LTD  
Shenstone Drive  
Northgate, Aldridge  
WS9 8TP  
UNITED KINGDOM

T +44 1922 459393  
sales@aceadhesives.co.uk  
www.aceadhesives.co.uk

PAFRA ADHESIVES LTD  
Pafra House  
Bentalls  
Basildon, Essex  
SS14 3BU  
UNITED KINGDOM

T +44 1268290610  
sales@pafra.com  
www.pafra.com

### World & Benelux

DEMCOPACK DAVIS  
Waterstraat 6  
9160 Lokeren  
BELGIUM

T +32 9 340 47 60  
sales@demcopack.com  
www.gluecom.eu

MERCKX  
Pathoekeweg 122  
8000 Brugge  
BELGIUM

T +32 5 045 84 80  
sales@merckx.be  
www.gluecom.eu

### Germany

GLUECOM DEUTSCHLAND  
Mühlackerstrasse 77  
75417 Mühlacker-Lomersheim  
DEUTSCHLAND

T +49 1703 594970  
verkauf@gluecom.eu  
www.gluecom.eu

### France & North Africa

LABORD  
ZI Chemin des 50 Arpents  
91180 St.-Germin-Lés-Arpajon  
FRANCE

T +33 160 85 52 00  
sercom@labord.com  
www.gluecom.eu

### Poland

DEMCOPACK POLSKA  
Mieczysława Pozaryskiego 32  
04-703 Warszawa  
POLAND

T +48 222 99 86 60  
info.pl@demcopack.com  
www.gluecom.eu

