

Core Range | Packaging



**Intercol**

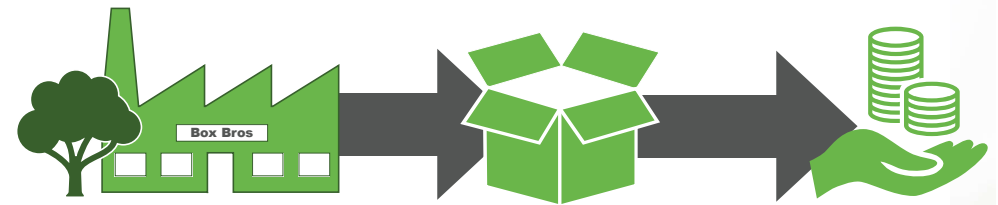
Unique Adhesives

# CONTENTS

CHOOSING PACKAGING ADHESIVES FOR YOUR APPLICATION.....	3
PERFORMANCE.....	4
COMPARISON.....	5
OUR CHAMPIONS.....	6
BIO-BASED PACKAGING ADHESIVE.....	6
HM Futura   EVA.....	9
HM Futura   MPo.....	10
VEGAN PACKAGING ADHESIVE.....	10
FAST SETTING & HIGH HEAT RESISTANCE.....	12
SPECIALITY & NICHE APPLICATIONS.....	13
FOOD PACKAGING.....	14
VALUE ADDING PROCESSES.....	15

# WHY CHOOSE OUR PACKAGING ADHESIVES FOR YOUR BUSINESS?

Packaging adhesives that boost manufacturing efficiencies, product performance and profitability.



High-performance, industry-proven range of hot-melt adhesives are designed to meet the standards set out by manufacturers around the globe. By using the latest raw materials and formulation technologies, our customers rely on us to boost their manufacturing efficiencies, enhance product performance, and ultimately increase their profitability. Here's how with our **HM Futura™** range:

## FUTURA™

- > Unrivalled versatility, temperature performance and thermal stability with our innovative, award-winning HM Futura™ range
- > Lower inventory costs, due to versatile adhesive performance
- > High thermal stability reduces maintenance costs
- > Fewer line stoppages thanks to clean running technology
- > Superior adhesion to a wide range of materials
- > Low temperature flexibility and high heat resistance
- > No fumes, no smell, and no tainting for better working conditions
- > No char, no gel, and no nozzle blockages
- > Bio-based adhesives to meet consumer demands for eco-friendly products
- > BRCGS food contact approvals (where applicable)

To help you choose the right packaging adhesive for your case and carton sealing, agricultural box, aseptic packaging, coffee cup, or paper bag application, we have created a core range of products, and some useful guides which can be found over the following pages.

# PERFORMANCE

Fast or slow line speeds, unusual substrate materials, hot or cold ambient temperatures, our range offers a wide selection of performance characteristics.



## Viscosity

Influences whether the adhesive can be swirled, jetted or applied by wheel.



## Stability

A good 'pot life' ensures colour, viscosity and bond characteristics remain stable.



## Open Time

Needs to be longer than the application open time to ensure a good bond is made.



## Setting Speed

Slow, medium and fast setting adhesives are available to suit different line speeds.



## Temperature

At what point will the bond fail? An important consideration for product use and international shipping.



## Strength

The latest materials and formulation technologies create products with different bond strengths.



## Cost

Cost can be measured upfront or through total cost of ownership. In this case, upfront cost is highlighted.



## Bio-based

Adhesives with a high percentage of bio-based materials meet consumer demands for eco-friendly products.



## Vegan

Adhesives with no animal derived substances meet the growing demand for vegan friendly packaging.

# COMPARISON

Quickly and easily compare the key performance characteristics of our core range of packaging adhesives, and see which grade best suits your application requirements.

## PRODUCT PERFORMANCE



## Bio-based Indicator

Our bio-based dial is designed to help customers understand the percentage of raw materials sourced from bio-based materials.

Red <35% | Orange <55% | Green ≥55%



**Suitable applications:** icons accompany each grade to indicate their suitability for various applications.



# OUR CHAMPIONS

Whether you need a product that can “do everything” or a grade that leads the field with its eco-friendly credentials, BAMFutura 51 and BAM 1544 are our product champions, spearheading our core range of packaging adhesives.

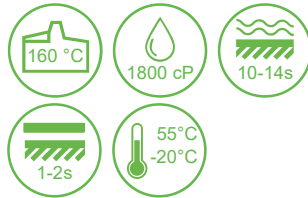
## ★ PRODUCT

### EHM 5102

#### Overview

- > Our "Star Product"
- > Versatile, problem-solving adhesive
- > Broad temperature performance
- > Wide adhesion profile

#### Performance specifications



#### Suitable for:



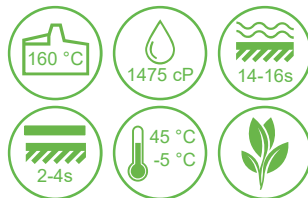
## 🌱 BIO-BASED CHAMPION

### EHM 8088

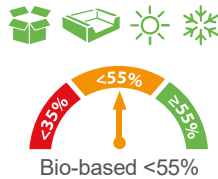
#### Overview

- > Our "Bio-Based Champion"
- > High bio-based content
- > Versatile and cost effective

#### Performance specifications



#### Suitable for:



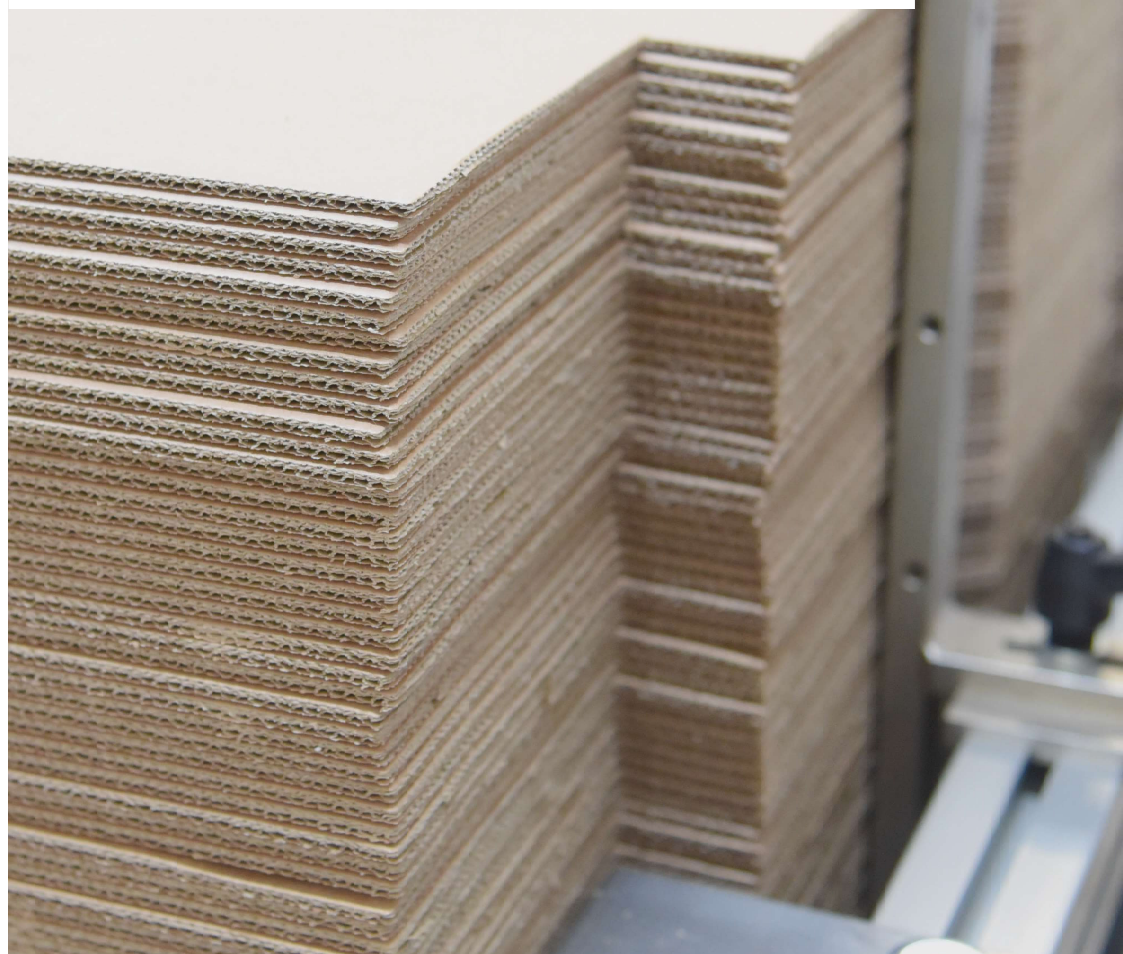
What helps our customers and makes us successful, is that our products solve problems that others can't. **EHM 5102** | is an example of this, a packaging adhesive with one of the broadest spectrums of performance that is on the market today.



Protecting the environment is a key responsibility to our business and to our customers. Our commitment includes our core range of market-proven bio-based adhesives, helping us all work towards a more sustainable future.



HM Futura 1 has proven itself to be an excellent universal carton and case sealer. It performs well on the slowest case packers and the fastest carton sealers, in both cold winter and hot summer conditions.



## HM Futura

### HIGH-PERFORMANCE EVA GRADES

#### EHM 5002

##### Overview

- > Universal carton and case sealer
- > Adhesion to most common substrates
- > For slow and fast lines

##### Performance specifications

160 °C, 1175 cP, 12-16s, 1-2s, 55 °C / 5 °C

##### Suitable for:



#### EHM 5022

##### Overview

- > General purpose adhesive
- > Cost-effective product
- > Plug and play properties

##### Performance specifications

160 °C, 1130 cP, 12-16s, 1-2s, 50 °C / 5 °C, €

##### Suitable for:



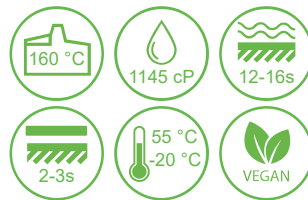
Innovation has been ingrained in our nature from day one with Futura. With these products, our customers see cost savings in real terms, whether it be through increased production efficiencies, a reduction in adhesive consumption, or lower maintenance costs.

### EHM 5086

#### Overview

- > Universal case and carton sealer
- > Vegan option available

#### Performance specifications



#### Suitable for:

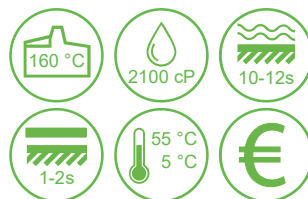


### EHM 5090

#### Overview

- > Cost-effective metallocene grade

#### Performance specifications



#### Suitable for:

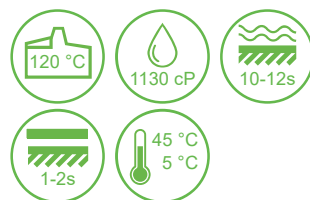


### EHM 5092

#### Overview

- > Low application temperature (120 °C)
- > Light coloured

#### Performance specifications



#### Suitable for:



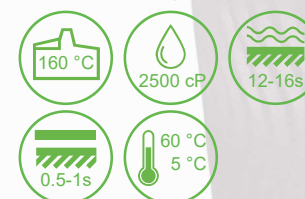
## RETAINED AND HIGH HEAT RESISTANCE

### EHM 5088

#### Overview

- > For high and retained heat applications, such as hot drinks cups
- > Fast setting speed
- > High bond strength

#### Performance specifications



#### Suitable for:



## FAST SETTING & HIGH HEAT RESISTANCE

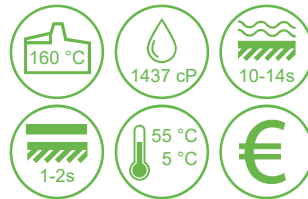
## SPECIALITY & NICHE APPLICATIONS

### EHM 9642

#### Overview

- > Amber colour
- > Cost-effective grade
- > Fast setting

#### Performance specifications



#### Suitable for:

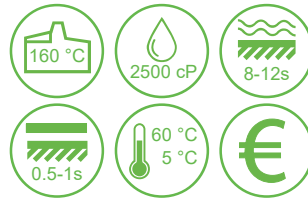


### EHM 9924

#### Overview

- > Cost-effective metallocene grade
- > Fast setting
- > High heat resistance

#### Performance specifications



#### Suitable for:

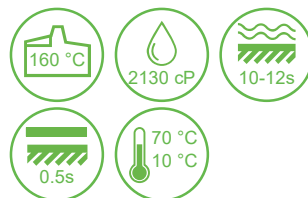


### EHM 10000

#### Overview

- > Cost-effective grade
- > Ultra-fast setting
- > High heat resistance

#### Performance specifications



#### Suitable for:

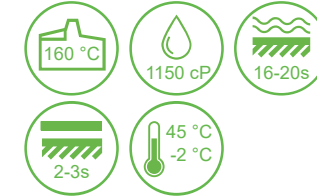


### EHM 9442

#### Overview

- > Light colour and low odour
- > Long open time for slower speed lines

#### Performance specifications



#### Suitable for:

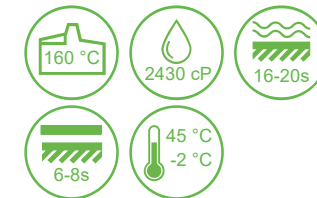


### EHM 9966

#### Overview

- > Long open time for slower speed lines
- > High adhesion to difficult materials
- > Suitable for low temperatures

#### Performance specifications



#### Suitable for:



# FOOD PACKAGING

Putting quality and innovation first with our food packaging adhesives.

## Did you know?

Intercol is specialised in food packaging applications. Our R&D facility is equipped to respond quick to inquiries from customers if a substrate or transport condition has changed.

This standard ensures that our customers are dealing with a company that reaches high levels of competence in all critical areas, as required for food quality production. It also demonstrates a commitment that we are monitoring and continually improving our product quality, safety and legality.

In addition to this, and as part of our commitment to the environment and customer demands for eco-friendly products, we recently launched a new vegan grade.

## Certified food packaging hot melt adhesives

**EHM 5102**  
**EHM 5002**  
**EHM 5022**

**EHM 5086**  
**EHM 5086 VEGAN**  
**EHM 5088**

**EHM5090**  
**EHM10000**  
**EHM10004**

\*\*Coated 'C' version variants with enhanced free-flowing characteristics are also available on the above grades and subject to regional lead times and availability. This requirement should be specified at the point of order if needed.

## Vegan Grade

### EHM 5086 VEGAN

# ADDING VALUE TO YOUR PROCESSES

Services, audits, and environmental programs to enhance your business.

## Working in partnership

Beyond our adhesives, **Intercol offers a fully integrated program of services**, with dedicated account teams, and bespoke auditing programs. Our technical experts are always on hand to problem solve or work with you on your next big project.

### Reducing environmental impact

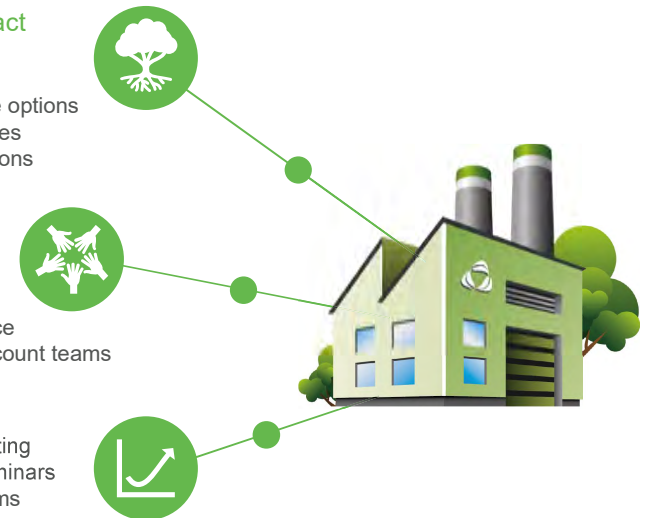
- > 100% solid formulations
- > Solvent-free adhesives
- > Bio-based and vegan adhesive options
- > Plastic usage reduction schemes
- > Paper and card packaging options

### Service without compromise

- > Stock management programs
- > Transition management
- > Online ordering availability
- > Local sales and technical service
- > Readily-available dedicated account teams

### Improving your efficiencies

- > On and off-site application auditing
- > Staff training and education seminars
- > Application engineering programs
- > HM Clean™ adhesive cleaners
- > Efficiency monitoring and adhesive optimisation



Innovation and flexibility are core beliefs of our business. From the shop floor, through our product development, and customer facing sales and technical teams, we pride ourselves on our speed of response, our level of ingenuity and ability to service our customer's problems ahead of the competition.