

HOT MELT ADHESIVE

RECLOSABLE ADHESIVE APPLICATION FOR HYGEINE PRODUCTS

Soft and quiet opening | High adhesion | Excellent reclose properties



RECLOSABLE ADHESIVE APPLICATION FOR BABY WIPES

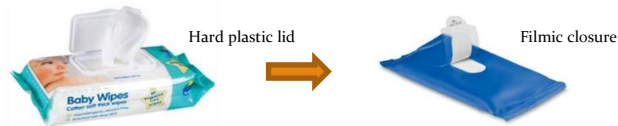
Filmic-based reclosable labels are often the best choice for preventing wipes drying out, showcasing branding, and advancing sustainability. Our range of specially formulated wet wipe hot melt adhesives can help you produce the best labels for your customers.

Wet wipe labels

Adhesives play a crucial role in reclosable wet wipe packaging by providing the seal to retain moisture – whilst a great adhesive remains smooth and quiet over multiple openings and closures. Our wet wipe label hot melt adhesives offer the right balance of properties, and crucially have smooth, quiet opening - important for baby care wipes.

Advancing sustainability

Many packaging producers are replacing bulky hard-plastic lids with filmic-based reclosure labels, in response to sustainable packaging demands. Using a hotmelt adhesive provides the capability to coat PET reclosure labels whilst maintaining the performance of a rigid lid, and the versatility to coat polypropylene and polyethylene labels to support mono-material recycling.



KEY FEATURES

- Acrylic technology (non-crosslinked) hot melt adhesive.
- Medium- to high-adhesion and smooth peel on both matte and gloss surfaces.
- Excellent resistance to moisture.
- Sustained tack and peel onto wet surfaces.
- Resistance to peel build-up over time and temperature.
- Phthalate free.

APPLICATIONS

- Packaging for baby wipes with reclosure PET, PP, and PE labels suitable for matte and gloss packaging material.

ADHESIVE GRADE AND TECHNICAL INFORMATION

Product	Application	Properties	Viscosity (mPa.s)	Wet Peel- 180 ° (N/50mm) (After 5 recloses)**
MAIC®Seal N14*	Wet wipes Label: PET/PP Pack: Matte/Gloss	Medium adhesion	35,000 (180 °C)	0.5
MAIC®Seal N17*	Wet wipes Label: PET/PP Pack: Matte/Gloss	High adhesion	29,000 (180 °C)	1.0

**PET label with
gloss Pack

*Development Grades

Please note: all adhesives should be tested thoroughly under end-user conditions to ensure label performance expectations are satisfied in the specific application.

HOT MELT ADHESIVE

RECLOSABLE ADHESIVE APPLICATION FOR FOOD PRODUCTS

Designed for biodegradable/compostable packaging | Excellent reclosability at low coat weights



maic

RECLOSABLE ADHESIVE APPLICATION FOR FOOD PRODUCTS

Reclosable food packaging offers increased convenience to consumers and allows food to stay fresher for longer. Our reclosable food grade adhesives can be coated or laminated with a variety of packaging materials, enabling a reclose function to reduce waste and improve sustainability.

The sustainable way

Reclosable food packaging delivers practical benefits such as food freshness, ease of use and convenience. These benefits combine to bring a more sustainable solution, minimizing food waste.

Suitable for multiple substrates

Reclosable adhesives suitable for coating on cellulosic materials and paper packaging.

KEY FEATURES

- Suitable for coated paper or coated paper/cellulose laminates.
- Excellent re-close ability at low adhesives coat weight.
- Applied from hotmelt in continuous or pattern mode.
- Regulatory statement available on request.

APPLICATIONS

- Heat- sealable lidding laminates for thermoformed trays with reclosable lid function,
- Compostable or biodegradable reclosable bags for dry or bakery goods.

ADHESIVE GRADE AND TECHNICAL INFORMATION

Product	Application	Properties	Viscosity (mPa.s)	Peel-reseal – 180 ° (N/25mm)
MAIC®Seal M12*	Reclosable lids and bags Lid/bag material: Coated paper Coated paper/cellulose laminates	Excellent reclose Low coat weight	18,000 (160 °C)	3.5 – 5.0 (5 th peel value at 13 gsm adhesive coat weight)

*Development Grades

Please note: all adhesives should be tested thoroughly under end-user conditions to ensure label performance expectations are satisfied in the specific application.

HOT MELT ADHESIVE

ADHESIVE FOR REPOSITIONAL LABEL

Acrylic-based hot melt adhesive | Removable up to 8 hours after application

| Balanced performance on PET/PP/HDPE



ADHESIVE FOR RE POSITIONABLE LABEL

Many brands look to call attention to quality and differentiate from commodity products. Simultaneously the need to conform with recycling streams means label coaters need adhesives capable of bonding to multiple container surfaces.

Extended repositionability & sustainability

Our labeling adhesive provides extended repositionability – meaning the bond strength stays low for 8 – 12 hours. Only building up to final adhesion after 12 hours. This allows labels to be removed and containers re-used, instead of disposed - a more sustainable approach!

PET, PP or PE containers? Take your pick!

As the packaging chain respond to sustainability demands – containers requiring labels could therefore be PET, polypropylene, or polyethylene. MAIC's hot melt for repositionable labels are specially designed to bond to all container types, giving you the capability to respond to all your customers' demands.

KEY FEATURES

- Acrylic technology (non-crosslinked) hot melt adhesive.
- Slow building peel for label repositioning or removal up to 12 hours after application.
- No residue and a smooth peel up to 12 hours after application.
- Good initial tack for label application.
- Balance adhesion to PP, PET, and HDPE packaging containers.
- No-label look.

APPLICATIONS

- Repositionable labels for packaging containers with excellent adhesion build up after 12 hours.

ADHESIVE GRADE AND TECHNICAL INFORMATION

Product	Application	Properties	Viscosity (mPa.s)	180 ° peel – FTM ₁ – 20gsm, 8H (N/25mm)	Initial tack FTM ₉ –(N)
MAIC®Rebond A1*	High Value Containers Label: PET/PP Pack: PP, PET, HDPE	Removable up to 8 – 12 h Good initial tack	28,000 (180 °C)	PP – 9.0 PET – 8.4 HDPE – 6.4	PP – 5.6 Glass – 5.4
MAIC®Rebond A2*	High Value Containers Label: PET/PP Pack: PP, PET, HDPE	Removable up to 8 – 12 h Balanced peel across pack materials	41,000 (180 °C)	PP – 9.9. PET – 7.9 HDPE – 7.0	PP – 5.3 Glass – 5.0

*Development Grades

Please note: all adhesives should be tested thoroughly under end-user conditions to ensure label performance expectations are satisfied in the specific application.

HOT MELT ADHESIVE

HOTMELT ADHESIVE FOR WASH-OFF LABELS Reusable containers/Plastic crates

High tack on application | Washable | No residue | Suitable for filmic labels



ADHESIVE FOR WASH-OFF LABELS – REUSABLE PLASTIC CONTAINERS

Relabeling and reusing plastic crates is made possible with wash-off labels. MAIC offers a unique hot melt permanent adhesive which, when used with filmic labels, can be washed off cleanly enabling easy recirculation of plastic crates and multi-use containers.

100 % clean

Our wash off adhesive stays bonded to the label, with zero residue on crates and containers*, leaving you confident your label supports the wash-off recycling process.

Filmic labels – no paper lumps to clog drains

Many wash-off labels are paper based to help with the label removal, this inevitably leads to paper labels clogging the water re-circulation system. Our wash-off adhesive is designed to work with filmic labels. Plastic labels can easily be collected in waste streams without clogging like paper.

Low temperature performance

Crates and containers used for fridge/freezer storage? No problem! Our wash-off adhesives stay strong down to -25 °C temperatures. Your customers can be confident the label will stay bonded, no matter the storage conditions.

*No residue when washed at 50 °C, 38 bar pressure with detergent solution.

KEY FEATURES

- Hot melt PSA for PP food crates.
- Maintained adhesion at low (freezer) temperatures.
- No label curling after application – high initial tack.
- No residue after washing process.
- Removed with water abrasion at 38 bar pressure.

APPLICATIONS

- Filmic labels used for labelling of reusable PP crates where label removal is achieved by high pressure water abrasion.

ADHESIVE GRADE AND TECHNICAL INFORMATION

Product	Application	Properties	Viscosity (mPa.s)	Loop Tack – FTM9 (N/25mm) – Max
MAIC®Wash P4*	Wash-off labels Label: PET/PP Pack/Crate: PP	Excellent initial tack Washability No adhesive residue	55,000 (190 °C)	PP – 16.4 (20 gsm adhesive coating)

*Development Grades

Please note: all adhesives should be tested thoroughly under end-user conditions to ensure label performance expectations are satisfied in the specific application.

HOT MELT ADHESIVE

ADHESIVE FOR NONWOVEN LAMINATES

Excellent bonding | Shear resistance | Temperature resistance



ADHESIVE FOR NONWOVEN LAMINATES

Nonwoven textiles and foams can be coated with pressure sensitive adhesives to create a self-adhesive layer, allowing for versatility and performance to meet specific customer needs.

High heat resistance with high adhesion

Pressure sensitive coaters/laminators usually must choose between high heat resistance or high adhesion. With our foam lamination pressure sensitive adhesives, your foam materials stay bonded at high temperatures (exceeding 100 °C) whilst retaining excellent holding power.

Low temperature resistance

Low temperature adhesive options are available, allowing your pressure sensitive foam products to adhere in the harshest of environments.

Water resistance

With our adhesives you can offer moisture resistance and even full-water submersion resistance.

KEY FEATURES

- Excellent bonding properties at elevated temperatures.
- High Peel Adhesion Failure Temperature to SS (PAFT).
- High Shear Adhesion Failure Temperature (SAFT).
- Good processability and coating parameters.
- Wide temperature operating window.
- Excellent peel strength to SS.
- Suitable for variety of nonwoven and foam materials.

APPLICATIONS

- Laminated structures with nonwoven materials to create excellent bonding between stainless steel and nonwoven (insulation) materials that can withstand exposure to high temperatures, moisture, or water ingress.

ADHESIVE GRADE AND TECHNICAL INFORMATION

Product	Application	Properties	Viscosity (mPa.s)	180 ° peel – FTM ₁ (N/25mm) – 24 h	SAFT (0.5 kg) (°C)
MAIC®Bond B1968	Nonwoven laminates Foam Lamination	Temperature resistance High SAFT High PAFT Excellent peel strength to SS	38,000 – 50,000 (190 °C)	20.0 – 24.0 (20 gsm) SS	120 – 130
MAIC®Bond 106P*	Nonwoven laminates	Excellent bonding Low temperature resistance Excellent peel strength to SS Good moisture resistance	20,000 (160 °C)	21.4 (20 gsm) SS	85

*Development Grades

Please note: all adhesives should be tested thoroughly under end-user conditions to ensure label performance expectations are satisfied in the specific application.

HOT MELT ADHESIVE

ADHESIVE FOR PAPER HANDLES
USED IN MULTIPACK

High peel strength | Reduced plastic | Reduced cost



ADHESIVE PAPER CARRY HANDLE - PLASTIC-FREE MULTIPACK PACKAGING

The pressure sensitive carry handle, commonly used to provide a holding mechanism for multi-pack beverages and other goods, is an incredible addition to any label producer's portfolio. With the right adhesive you can contribute to a circular economy, increase customer satisfaction, and better showcase branding.

Eliminate plastic wrapping

Shrink wrap is one of the largest contributors by weight to total plastic packaging, with the main use being to bundle multi-packs. Our carry handle adhesive is specially formulated to bond directly to PET bottles, leaving no residue, meaning shrink wrap can be eliminated from multi-pack beverages.

Holding power to wow

Our carry handle adhesives are designed to hold the weight of typical beverage multi-packs.

Paper too

Our adhesive formulations are even suitable for paper handles. High grade paper packaging is becoming ever more common, depending on the recycling streams available in the region. Guide your customers to 100 % plastic free with paper wraparound labels and paper carry handles.



KEY FEATURES

- Excellent peel strength.
- Excellent holding power for paper and filmic handles.
- High loop tack for initial adhesion.
- Low temperature resistant.
- Great adhesion properties across variety of substrates.

APPLICATIONS

- High holding power adhesive for paper and filmic handles for multipacks.
- Specialty label stock suitable for used on variety of substrates.
- Low and high temperature resistant label stock for food and industrial applications.

ADHESIVE GRADE AND TECHNICAL INFORMATION

Product	Application	Properties	Viscosity (mPa.s)	Loop Tack - FTM9 (N/25mm) - Max	180 ° peel - FTM1 (N/25mm) - 24 h	SAFT (0.5 kg) (°C)
MAIC®Hold 007*	Paper and filmic handles Temperature resistant label stock	High holding power Temperature resistance High SAFT High Tack	53,000 (190 °C)	11.7 (SS)	SS - 18.0 PP - 12.9 PET - 13.6 HDPE - 10.9 Cardboard - 7.5 Adhesive - 20 gsm	102 (SS)

*Development Grades

Please note: all adhesives should be tested thoroughly under end-user conditions to ensure label performance expectations are satisfied in the specific application.

HOT MELT ADHESIVE

ADHESIVES FOR DURABLE LABELS

Heat resistance | Water resistance | Excellent peel strength



ADHESIVES FOR HEAT RESISTANCE AND DURABLE LABELS

Durable label performance is driven by adhesives offering a solution for practically any surface, appropriate for identification applications, tracking label applications, and functional label applications.

Performance that lasts

MAIC®Resist durable adhesives deliver consistent, long lasting performance in the most severe conditions; high initial tack; adhesion to low surface energy substrates; resistance to heat, oxidation, and UV-ageing.

Market leading peel adhesion

Have confidence that your labels will stay bonded as MAIC®Resist showcases some of the highest peel values on stainless steel, ABS, and LDPE you will find from a coat-able pressure sensitive adhesive.

UL Testing Ready

Our durable adhesives are ready to be tested to UL standards along with any facstock you require.

KEY FEATURES

- High holding power.
- Excellent adhesion across multiple substrates: ABS, PC, SS, PP, HDPE.
- Temperature resistance.
- Caustic and hot wash resistance.

APPLICATIONS

- Temperature resistant label stock for use in automotive parts, home/industrial appliances, and electronic devices.
- Wash resistant labels that can withstand caustic and hot wash – reusable PP food crates.

ADHESIVE GRADE AND TECHNICAL INFORMATION

Product	Application	Properties	Viscosity (mPa.s)	180 ° peel FTM ₁ (N/25mm)	SAFT (0.5 kg) (°C)
MAIC®Resist 07	Temperature resistant label stock and wash resistant labels: Caustic/hot wash Label: Laminate structures, Ceramic Coated, PP, PET Surface: ABS, PC, SS, PE, PP, HDPE	High holding power Temperature resistance High SAFT Hot and caustic wash resistance	17,000-20,000 (160 °C)	20 min (30 gsm) SS – 42.0 HDPE – 24.0 PC – 40.0 ABS – 27.0	102 (SS)

*Development Grades

Please note: all adhesives should be tested thoroughly under end-user conditions to ensure label performance expectations are satisfied in the specific application.

EXTRUDABLE HOT MELT ADHESIVE

THERMO-ADHESIVE FILM

Excellent bonding to PES textiles | Excellent elastic recovery | Great mechanical properties



EXTRUDABLE HM FOR THERMO-ADHESIVE FILMS

Thermo-adhesive films can have a variety of different chemical formulations and elastic properties to allow good bonding between similar and dissimilar materials. Our extrudable hotmelts balance elastic stretch, elastic recovery, and high adhesion to meet customer demands.

Elastic and mechanical properties

Our extrudable hotmelts show excellent abilities to stretch, whilst maintaining good recovery over hundreds of cycles.

Superior bonding

High adhesion to a variety of surfaces is possible. Only pressure and temperature are required to bond to a range of substrates.

Your adhesive, to match your processes

We tailor our hot melts to meet the demand. Tensile properties, temperature resistance properties, puncture resistance, and adhesive properties can all be modified to match your requirements.

KEY FEATURES

- Film forming extrudable thermo-adhesive.
- Excellent adhesion to PES textiles.
- High stretchability and good elastic recovery.
- Excellent mechanical properties.
- Lamination temperatures 160 – 180 °C.

APPLICATIONS

- Thermo adhesive film for polyester textiles with high stretchability and great elastic recovery.

ADHESIVE GRADE AND TECHNICAL INFORMATION

Product	Application	Properties	180°Peel – FTM ₁ (N/25mm) – 400µm film, 2 h
MAIC®Term Q1*	Textile lamination – heat press Textile – polyester fabric	Extrudable – film forming Excellent adhesion to Polyester Lamination – 160 °C – 180 °C Excellent mechanical properties Good elastic recovery	> 20 (Polyester laminate)
MAIC®Term Q2*	Textile lamination – heat press Textile – polyester fabric	Extrudable – film forming Excellent adhesion to Polyester Lamination – 160 °C – 180 °C Good mechanical properties Good elastic recovery	> 20 (Polyester laminate)

*Development Grades

Please note: all adhesives should be tested thoroughly under end-user conditions to ensure label performance expectations are satisfied in the specific application.

LINERLESS TECHONOLGY WITH MAIC

TAILORED ADHESIVES FOR LINERLESS LABELS AND
TECHNICAL SUPPORT FOR LINERLESS PRODUCTION SET UP

Excellent release | Diverse adhesive for wide range of labels | Cost effective coating technology



maic

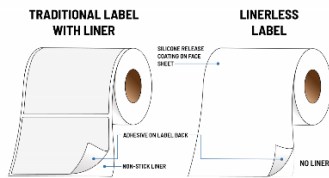
ADHESIVE FOR LINERLESS LABELS

Linerless labels provide a lightweight and sustainable alternative to traditional labels. Removing the silicone release carrier significantly reduces weight and eliminates a major waste source.

Linerless benefits

- Zero carrier waste.
- 40 % less reel weight means more reels per volume – minimising carbon footprint.
- More labels per reel – less downtime through changeovers.
- Increased storage capacity – lower carbon footprint.

Become part of the linerless revolution



KEY FEATURES

- Easy Release when combined with UV silicone coating technology.
- Suitable for filmic and paper-based label stock.
- Excellent and balanced adhesion to PET, PP, HDPE, and cardboard packaging materials.
- Adhesive coating possible in continuous and patterned mode for cost reduction.

APPLICATIONS

- Versatile grade which covers a wide range of label stock from wrap around labels to thermal, paper-based labels, and everything in between.
- Suitable for linerless label stock with use of UV silicone coating technology.
- Technical support available for incorporation of linerless set up into existing printing lines.

ADHESIVE GRADE AND TECHNICAL INFORMATION

Product	Application	Properties	Viscosity (mPa.s)	180 ° peel FTM1 (N/25mm) 24H, 15 gsm	High speed release- FTM4 (N/25mm)
MAIC® Bond 106P*	Linerless Labels: Paper and Filmic Type: thermal, wraparound, standard Pack: PP, PET, HDPE	Easy Release - slow & fast Balanced adhesion Versatile and easy processable	19,000 (160 °C)	SS - 14.8 PP - 15.2 PET - 12.6 HDPE - 13.4	0.1 (Max Value) 15 gsm

*Development Grades

Please note: all adhesives should be tested thoroughly under end-user conditions to ensure label performance expectations are satisfied in the specific application.