



Hot Melt Adhesives



More than 120 years in the adhesives business.



An established leader in the formulation, manufacturing and distribution of industrial adhesives focused on the packaging market.

With decades of technical expertise, we are known for our experience in the production of water-based, hot melt, and pressure-sensitive adhesives that can perform under extreme operating conditions.

Through our unparalleled commitment to delivering custom solutions to our long-standing customer base, we are the ideal adhesives partner in multiple markets beyond traditional packaging, including general product and food packaging, paper converting, construction, millwork, furniture and foam bonding.

Our multi-site manufacturing capabilities and extensive warehouse capacity means our customers have access to quicker deliveries and greater

inventories, as well as personalized service and dedicated equipment.

Highly qualified technical support ensures best-in-class business development and agile turnaround times. We understand that each of our customers' needs are unique, and they all have manufacturing processes that are distinct.

While we bring our collective experience and expertise to the conversation, we are here to listen and learn how we can best serve you. We can offer solutions to any bonding challenge you encounter and offer some of the quickest turnaround in the industry.

Packaging Hot Melts

The superior performance of our products is a direct result of the demands placed on us by our customers, and there is a testimony of our companies expertise in this field.

Our product lines were developed to satisfy a myriad of markets in both the commercial and manufacturing industries we can facilitate the most challenging hot melt packaging applications.

The Hot Melt Platform

Our hot melt platform is primarily based on three polymer groups: ethylene vinyl acetate (EVA), metallocene, and synthetic rubber. For specific applications, such as PET bottle labeling, the use of synthetic thermoplastic rubber is necessary. These are commonly known as hot melt pressure sensitives.

The choice of which family or based polymer to choose from often depends on project specific applications, substrates, end-use requirements and preferences.

The product line regardless of the technology base has been developed to suit preferred application temperatures of 350°F or 250°F.





METALLOCENE

Metallocene-based hot melts offer numerous features, advantages and benefits when compared to conventional EVA-based hot melts. They provide unequal, thermal, stability, char resistance, and machinability. Each of these features translates into improved line, efficiency reduced downtime, and a significant improvement in adhesive yield. The use of these hot melts contribute to lower total adhesive spend.

Product	Application Temperature	Viscosity mPas	Setting Speed	Product Description
H7250	350°F	1000	Very Fast	High performance/well balanced packaging, hot melt. Exceptional, heat resistance. Resists hot-fill applications. Suitable for Tetra-Pak straw attachment.
H7070	250°F	1200	Very Fast	Premium low-temperature case and carton sealing hot melt. Superior adhesion and cold resistance.
H2020	350°F	1200	Very Fast	350°F version of H7070

ETHYLENE VINYL ACETATE (EVA)

EVA-based hot melt formulas are the most widely used in the packaging industry. The base polymer is easy to work with and formulation modifications are straightforward. They provide superior, thermal, stability, strong, adhesion characteristics, and clean machining.

Product	Application Temperature	Viscosity mPas	Setting Speed	Product Description
50303	350°F	825	Very Fast	General case and carton sealing applications where a high level of hot tack is required.
50303 H	350°F	825	Very Fast	Similar to 50303 but with improved adhesion on difficult substrates.
H8175	250°F	1200	Medium/Fast	For general-purpose packaging when a low application temperature is required. Passes freezer grade requirements.
H8429	350°F	1050	Medium	Freezer grade hot melt for bonding very difficult and coated substrates
H8520	250°F	1200	Fast	For low temperature applications. Offering high hot tack and used to seal most cases and cartons, especially those requiring fast compression.





PACKAGING HOT MELTS INDUSTRY-SPECIFIC APPLICATIONS

Product	Application Temperature	Viscosity mPas	Setting Speed	Product Description
H6464	350°F	800	Fast	Plastic container, cap lining adhesive FDA approved.
H8760	350°F	575	Medium/Fast	Specifically formulated for meat pad anchoring to foam trays meets FDA direct food contact requirements.
H9603	350°F	1000	Medium	Fugitive hot melt for palletizing high sheer/low peel (non-tearing).
H9022	350°F	2500	Fast	Used for security bags.
H9456	350°F	3500	Fast	Used for difficult to bond materials such as PP, PE, Polyesters and polystyrene type films. Exhibits fair chemical resistance as well as a good thermal stability.



INDUSTRIAL GRADE HOT MELT STICKS

Product	Color	Viscosity at 350°F (cPas)	Softening Point	Product Description
50002 - Thermocol 002	Translucid	10000	88°C	High performance adhesive for very difficult substrates.
50002 - Thermocol 009	Amber	5500	80-85°C	High performance adhesive for very difficult substrates. High level of hot-tack.
50102 - Thermocol 102	Translucid	8000	80°C	Used for porcelain, ceramic, wood and plastics.
50108 - Thermocol 102	Amber	6500	80°C	Recommended for wood assembly and general packaging.





HEADQUARTERS

925 Old Henderson Road
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Production Facilities

- Columbus, OH (Headquarters)
- Las Vegas, NV
- Chicago, IL

Warehouses

- Alvarado, TX
- Portland, OR
- Dalton, GA
- Las Vegas, NV
- Montreal, QC
- Mississauga, Ontario



Learn more at:

www.meridianadhesives.com/packaging