Bookbinding Adhesives

EVA HOT MELTS

EVA (ethylene vinyl acetate) hot melts consist of solid thermoplastic polymers, tackifying resins and waxes that work together to provide strength, high operating speeds and flexibility needed in bookbinding.

- Great page-pull strength for high product integrity
- Set quickly for short cure time
- Low -melt products available for added safety and stability
- Can be pigmented white for increased visual appeal
- High flexibility ensures strongly bound pages during customer handling
- Most cost-effective
- Fast set allows for trimmability seconds after application
- Able to bind a wide range of paper stock

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PUR HOT MELTS

PUR (polyurethane) hot melts were originally developed in the 1980's for use on both furniture and automobiles and are one of the strongest-binding adhesives available.

- Extreme durability and strength
- Thermoset means once cured, the polymer will not re-soften
- Can be applied as low as 225°F, depending on product
- Applies on clear/transparent
- More flexible than EVA adhesives
- Higher in cost compared to EVA products
- Require special equipment for application
- Ideal for heavily used books, such as textbooks and bibles

EVA hot melts offer fast set, great flexibility and a clean look – all at a lower cost. These general purpose adhesives are ideal for books such as novels and magazines. Conversely, when binding a more heavily used book, such as a texbook, PUR hot melts are more suitable. PURs offer the durability, strength and flexibility books require to withstand years of use in a classroom.

As always, we recommend working with an adhesive supplier to identify the best adhesive for your bookbinding application.

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Looking for more resources on adhesives? Visit our website, give us a call or email us:

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