

Hot Melt Polyurethane



Since 1971, APPLIED Adhesives has been a trusted industry leader that can meet all your adhesives needs. We offer a variety of adhesive technologies including hot melt polyurethane (Reactive HM PUR). Reactive HM PUR products are moisture reactive hot melt products that create a strong thermoset bond. These products have superior strength and elasticity allowing bonds up to 3,000 psi tensile strength and up to 500% elongation.

These single component adhesives are 100% solid therefore do not contain solvent materials. Due to the moisture sensitivity, product must be stored in a sealed bag until use but requires no preparation or mixing to use.

These products have adhesion to a variety of substrates including wood, metal, and plastics and are very polar adhesives, allowing both mechanical and chemical bonding. HM PUR adhesives are melted and applied between 200° – 250°F which makes them suitable for temperature sensitive substrates.

PUR HMs are resistant to temperature changes down to -40°F and up to 300°F but do take up to 7 days to fully cure.



WHERE TO USE REACTIVE HM PUR?

Reactive HM PUR can be used in a wide range of applications needing high strength and elongation and can also afford to wait for the full cure to take place. Reactive HM PURs are often used in laminating applications, bookbinding, and furniture.

OUR PRODUCT LINE OF REACTIVE PUR HOT MELT TECHNOLOGIES:

At APPLIED adhesives, we have access to world class adhesive manufacturers of Reactive PUR Hot Melt technologies. We also carry our ASURE line of reactive PUR Hot melt technologies that offer a wide range of properties to meet your processing needs. Our experts can help select the right product for your application.

PRODUCT FEATURES & BENEFITS

- Little surface prep needed for strong bonding.
- High elongation and high tensile strength.
- Superior adhesion to challenging substrates.
- High heat resistance.
- Offer a supply of products in cartridges, slugs, or bulk.
- APPLIED can also engineer and supply your dispensing needs.
- Products inventoried across North America.
- Product expertise and analytical lab services available

Your custom adhesive solutions provider.



Visit us at
appliedadhesives.com



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