



Technical Data Sheet

Rapidex® 1008

This product is a one-component polyurethane, 100% solids, reactive hot melt adhesive.

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| Technology/Base | Reactive Hotmelt |
| Type of Product | Polyurethane |
| Curing Mechanism | Moisture-cure |
| Color/Appearance | Tan |
| Consistency/Form | Solid |

Features and Benefits

- Thermal and solvent resistance
- Good low temperature flexibility
- Excellent abrasion resistance
- High modulus/high impact strengt
- Designed for fast automated lines and hot plant temps
- Very high green strength

Technical Data

| Property | Typical Value |
|-------------------------|---------------------|
| Viscosity | 26,000 cP at 275 °F |
| Specific Gravity | 1.02 |
| Open Time | 60 sec |
| Application Temperature | 285 °F |
| Shelf Life | 270 day |



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Typical Applications

This product has aggressive hot tack and superior green strength at elevated plant temperatures. It cures in the presence of water to a tough, elastomeric film. Optimal adhesion is achieved from 10 seconds to 4 minutes.

Typically used for residential door lamination.

Suitable substrates: Plastics, Woods, Metals, and Glass substrates.

Application & Cleaning Instructions

Product is ready to use as received; do not dilute hot melt adhesive. Confirm compatibility before making hot melt adhesive changes.

This adhesive is designed to be used with platen or reservoir type melters that will dispense adhesive from 5 gallon pails and 55 gallon drums. Consult the equipment manufacturer for start-up, shut-down and cleanup procedures. If the equipment is to be shut down for extended periods of time we suggest purging the system with swiftclean® 9037 or 9038. Partially used pails or drums should be purged with a dry inert gas and resealed between uses. **WARNING: MOISTURE CONTAINED IN THE AIR OR FROM WET SURROUNDINGS WILL CURE THIS ADHESIVE. CURED ADHESIVE CANNOT BE MELTED AND MAY CAUSE EQUIPMENT DAMAGE.**

To obtain complete cure, this product should be exposed to temperatures and relative humidity conditions equal to or greater than 77 °F and 50% relative humidity. For adhesive film thicknesses 0.020" or less, cure typically is complete in 7 days at 77 °F and 50% relative humidity. Complete cure of this product will take longer at conditions less than 77 °F and 50% relative humidity. Cure rates and completeness of cure will vary with adhesive film thickness and substrate's water permeability. Consult your H.B. Fuller representative for more information. To clean up adhesive from unwanted areas such as conveyor or equipment surfaces, allow the adhesive to cool to room temperature and scrape off heavy deposits with a putty knife. Any uncured residual film may be wiped clean using Rapid Clean 9050, a citrus based cleaner from H.B. Fuller, or other common polyurethane solvents like toluene or MEK. Clean adhesive before it cures or it will be difficult to remove.

Typical Packaging

Please contact your local Sales Office for available packaging options.

Storage Conditions

To ensure maximum stability, product should be stored in the original closed container in a clean and dry interior location capable of maintaining a constant temperature between 50 °F and 90 °F.

Disposal Advice

Please refer to the SDS for disposal instructions.

Safety Advice

Use only in equipment intended for reactive hot melts. Use with local exhaust ventilation to remove vapors anywhere heated product is exposed to air including adhesive un-loaders, pre-melters, and application areas. Local exhaust ventilation may be required to maintain exposures at safe levels. See Safety Data Sheet (SDS) for additional safety and handling information.

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