Infinity PUR WW60

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Polyurethane Hot Melt Adhesive

Infinity PUR WW60 offers adhesion stronger than traditional hot melts. Formulated for indoor or outdoor use, this polyurethane hot melt creates a truly lasting bond.

Infinity PUR WW60 is a slightly thicker formula and has a longer 60-second open time. This PUR is excellent for woodworking and product assebly applications. Great for bonding wood and other wood composite materials, WW60 is so strong it can often replace screws, staples, nails and other fasteners.

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Polyurethane Hot Melt Adhesive

Physical Properties (Typical)

Type Polyurethane
State Solid
Color Translucent yellow
Dried Film Opaque white
Solids 100%
Storage life 6 months in unopened container.16 hours heated at 250°F.

Calculated VOC (less water): 0 g/L
Weight/gallon 9.8 lbs.
Flashpoint N/A
Freeze/thaw stability Will not freeze
Viscosity 15,000 (cps) @ 250°F.

Application Guidelines

Application temperature 250°F.
Service temperatures: -20°F. to 275°F.
Method of application Hot melt adhesive applicator
Coverage Approximately 71 linear feet of 1/16" (OD bead) per 50 gram cartridge
Working surfaces Surfaces must be dry and free from any dust, dirt or other material that may deter adhesion. Apply adhesive using the proper hot melt applicator tool. Join the surfaces to be bonded together, ensure proper alignment of pieces and hold firmly in place until the adhesive sets (approximately 60 seconds).
Cleanup Allow any squeeze out to become firm and remove it with a putty knife or scraper. Fully cured material can be removed by sanding or cutting. Do not use heat or flame to remove adhesive.

Bond Strength at room temperature	TIme	Stength psi
	10 minutes	600
	1 hour	1,130
	24 hours	1,480

Product Features

• High-strength, permanent bonds and fast set - 60 seconds
• Interior/Exterior - Waterproof
• Slower set for intricate craft projects
• Greatly reduces the need for mechanical fasteners
• Solvent free and nonflammable
• Versatile performance
• Trim & molding, chair rails, cabinetry and case goods
• Birdhouses, planters, furniture and other outdoor applications
• UV indicator for easy cleanup

Limitations

Not for use on copper or metal alloys containing a high percentage of copper. Not for continuous submersion or use below the waterline.

Caution Statement

WARNING: Toxic material. Eye and skin irritant. May cause skin and lung sensitization. Caution: Contact with heated product may cause thermal burns. Always wear gloves. Contains isocyanates. Avoid prolonged or repeated contact with skin or vapors. Do not swallow. May be harmful if swallowed. Avoid contact with eyes.
First Aid: If swallowed, do not induce vomiting. Call physician immediately. If eye contact occurs, flush eyes with water for 15 minutes and call physician. In case of skin contact, wash skin with soap and water. Contact physician if irritation or sensitization occurs (difficult to remove cured product from skin). If inhaled, move to fresh air and contact physician. Refer to Material Safety Data Sheet for additional safety information or call 1-800-347-4583. **KEEP OUT OF THE REACH OF CHILDREN**.