Scotch-Weld™ Polyurethane Reactive (PUR) Easy Adhesive Systems

Structural adhesive benefits with hot melt adhesive speed for wood, plastic and more.

3M™ Scotch-Weld™ Polyurethane Reactive (PUR) Easy (170°F) 3M™ Scotch-Weld™ Polyurethane Reactive (PUR) Easy 250 (250°F)

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3M™ Scotch-Weld™ Polyurethane Reactive (PUR) Easy Adhesive Systems:

3M™ Scotch-Weld™ PUR Easy and PUR Easy 250 Systems include an easy to use, easy to maintain hand-held applicator that dispenses low viscosity, long open time, fast curing, polyurethane reactive adhesive. Unlike competitive systems, 3M Scotch-Weld PUR Easy and PUR Easy 250 Systems do not require purging materials!

- Scotch-Weld PUR Adhesive Systems Requirements: Dry Air
  – Regulated from 40-80 PSI, 45 minute warm-up time and a 110 VAC electrical connection

3M™ Scotch-Weld™ Polyurethane Reactive (PUR) Easy 250 Adhesive Preheater has been designed with a dual-temperature switch. The upper switch portion is for high temperature (250°F) heating and the lower switch portion is for low temperature heating (170°F).
### 3M™ Scotch-Weld™ Polyurethane Reactive (PUR) Easy Adhesive Systems Comparison

<table>
<thead>
<tr>
<th></th>
<th>PUR Easy 250</th>
<th>PUR Easy</th>
<th>Specialty System</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Premium System</strong></td>
<td>Easy to use and maintain with three wood focused and two plastic focused adhesive options</td>
<td>Use depends on application need and lower temperature application for heat sensitive substrates</td>
<td>Standard products continue to be available</td>
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<tr>
<td><strong>250°F Application Temp.</strong></td>
<td>250°F</td>
<td>170°F</td>
<td>250°F</td>
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<tr>
<td><strong>Metal Nozzle Assembly, Can be retrofitted w/new Easy 250 Nozzle Housing &amp; Shroud</strong></td>
<td>Disposable Plastic Nozzle Housing &amp; Shroud</td>
<td>Disposable Plastic Nozzle Housing &amp; Shroud, Can be retrofitted with Metal Nozzle Assembly</td>
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<tr>
<td><strong>8 Cartridge Adhesives:</strong></td>
<td>4 Cartridge Adhesives:</td>
<td>5 Cartridge Adhesives:</td>
<td></td>
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<tr>
<td>TE015, TE030, TE031, TE040, TE100, TE200, TS2115HGS, TS230 • Bulk options available</td>
<td>EZ17005, EZ17010, EZ17030, EZ17060 • Bulk options available</td>
<td>EZ250015, EZ250030, EZ250060, EZ250120, EZ250150 • Bulk options available</td>
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## 3M™ Scotch-Weld™ Polyurethane Reactive (PUR) Easy 250 Adhesive Selection guide by substrate

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<th>Substrate</th>
<th>250015</th>
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<tr>
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# 3M™ Scotch-Weld™ Polyurethane Reactive (PUR) Easy 250 Adhesive

## Wood

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<th>Product Code</th>
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<tr>
<td>250015</td>
<td>15 seconds</td>
<td>1-1/2 minutes</td>
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<tr>
<td>250060</td>
<td>1 minute</td>
<td>2 minutes</td>
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<td>250120*</td>
<td>2 minutes</td>
<td>4 minutes</td>
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* Thinnest glue line

## Plastic

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<tr>
<td>250150**</td>
<td>2-1/2 minutes</td>
<td>4 minutes</td>
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**Only new product that bonds to glass & aluminum

Not suggested for Polyolefins i.e. Polyethylene or Polypropylene
3M™ Scotch-Weld™ Polyurethane Reactive (PUR) Easy 250 Adhesive EZ250015 (wood)

Viscosity: Medium
Set Time: 15 seconds
Open Time: 1-1/2 minutes

Application Ideas
• Miter joints
• Corner blocks
• Base blocks
• Leg attachment
• Stiles and rails

Features
• Excellent adhesion to most hardwoods
• Fast set time
• Thin glue line
• Easy adhesive clean up
• Contains UV indicator
3M™ Scotch-Weld™ Polyurethane Reactive (PUR) Easy 250 Adhesive EZ250015 (wood)

Where to Sell:

- **2511 Furniture – Household**
  Drawer faces, patio furniture, chairs, cork protectors

- **2121 Furniture – Office**
  Tables, chairs, panel coverings, drawer faces

- **2434 Woodworking—Cabinetry**
  Kick plates, crown molding, wood roping, face frames, drawer faces

- **2531 Woodworking - Windows, Doors, Glass, Other Millwork**
  Window trim, baseboard trim, window sashes, decorative beams, door base blocks

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3M™ Scotch-Weld™ Polyurethane Reactive (PUR) Easy 250 Adhesive EZ250060 (wood)

Viscosity: Medium
Set Time: 1 minute
Open Time: 2 minutes

Application Ideas

• Attaching decorative trim
• Attaching edge banding
• Bonding and reinforcing MDF

Features

• Excellent bonds to most hardwood
• Medium set time
• Thin glue lines
• Easy adhesive clean up
• Contains UV indicator
3M™ Scotch-Weld™ Polyurethane Reactive (PUR) Easy 250 Adhesive EZ250060 (wood)

Where to Sell:

- **2511 Furniture – Household**
  Tables, chairs, bed frames, leather and vinyl upholstery

- **2121 Furniture – Office**
  Wall partitions, tables, chairs, kick plates

- **2531 Woodworking - Windows, Doors, Other Millwork**
  Sash assembly

- **2434 Woodworking – Cabinetry**
  Miter corners, moldings, shelving, kick plates, face frames, cornices

- **5031 Woodworking - Lumber, Plywood, Millwork**
  Mechanical fastening replacement

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3M™ Scotch-Weld™ Polyurethane Reactive (PUR) Easy 250 Adhesive EZ250120 (wood)

Viscosity: Low
Set Time: 2 minutes
Open Time: 4 minutes

Application Ideas

• Base frames
• Door assembly
• Decorative molding
• Edge to end grain wood adhesion
• Miter joints
• Mortise and tenon assembly

Features

• Very thin bond line
• Medium to long set time
• Excellent adhesion to hardwoods
• Easy adhesive clean up
• Contains UV indicator
Where to Sell:

- **2511 Furniture – Household**
  Tables, chairs, bed frames, leather and vinyl upholstery, outdoor furniture, counter edging

- **2591 Woodworking & Furniture – Drapery, Hardware, Blinds, Shades**
  Shade pulls, venetian blinds, cornices

- **2121 Furniture – Office**
  Wall partitions, tables, chairs, desks, counter edging

- **2434 Woodworking – Cabinetry**
  Bases, trims

- **2531 Woodworking – Windows, Doors, Glass, Other Millwork**

- **5031 Woodworking – Lumber, Plywood, Millwork**
  Plywood attachment, stair treads

- **3732 Marine - Boat Building, Personal Watercraft**
  Console components, decorative trims, upholstery, replica assembly

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3M™ Scotch-Weld™ Polyurethane Reactive (PUR) Easy 250 Adhesive EZ250030 (plastic)

Viscosity: Medium
Set Time: 30 seconds
Open Time: 2 minutes

Application Ideas

• Plastic shelving
• Jewelry displays
• Acrylic lettering
• Awards assembly
• General plastic bonding

Features

• Fast set time
• Adhesion to many plastics
• Easy adhesive clean up
• Fast rate of strength build-up
• Does not attack plastic surfaces
Where to Sell:

- **2511 Furniture – Household**
  Leather and vinyl upholstery, outdoor furniture, face frames, planting containers, window boxes

- **2121 Furniture – Office**
  Shelving, wall partitions, leather and vinyl upholstery, plaques and awards

- **2531 Woodworking - Windows, Doors, Glass, Other Millwork**
  Vinyl window sash to wood, window shutters

- **2434 Woodworking – Cabinetry**
  Decorative moldings

- **5031 Woodworking - Lumber, Plywood, Millwork**
  Plywood, MDF

- **3089 Rubber and Plastic - Window, Door, Interior and Exterior Automotive**
  Upholstery, dash and console, emblems, speakers, rubber insulation, window shutters

- **3732 Marine - Boat Building, Personal Watercraft**
  Console components, decorative trims, upholstery, replica assembly

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3M™ Scotch-Weld™ Polyurethane Reactive (PUR) Easy 250 Adhesive EZ250150 (plastic)

Viscosity: Medium
Set Time: 2 minutes
Open Time: 4 minutes

Application Ideas

• Plastic shelves and displays
• Plastic trim
• Mirror and glass to wood/plastic
• Solid surface applications
• Leather bonding
• Attaching “T” molding

Features

• Medium to slow set time
• Adhesion to many plastics, glass and aluminum
• Easy adhesive clean up
• Produces high strength, flexible bonds
3M™ Scotch-Weld™ Polyurethane Reactive (PUR) Easy 250 Adhesive EZ250150 (plastic)

Where to Sell:

- **3089 Rubber & Plastic - Window, Door, Interior and Exterior Automotive**
  Mirrors, upholstery, dash and console, emblems, speakers, rubber insulation, window shutters

- **2511 Furniture – Household**
  Leather and vinyl upholstery, outdoor furniture, face frames, planting containers, window boxes

- **2121 Furniture – Office**
  Shelving, wall partitions, leather and vinyl upholstery, plaques and awards

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**3M™ Scotch-Weld™ Polyurethane Reactive (PUR) Easy Adhesive EZ17005**

- **Viscosity:** Medium-High
- **Set Time:** 5 seconds
- **Open Time:** 45 seconds

**Application Ideas**
- Rosette attachment
- Reinforcement and corner block attachment
- Trim attachment

**Features**
- Very fast set
- Hot melt speed/structural strength
- Excellent heat stability at application temperature
- Low temperature application
- Contains UV indicator
3M™ Scotch-Weld™ Polyurethane Reactive (PUR) Easy Adhesive EZ17005

Where to Sell:

- 2511 Furniture – Household
  Tables, chairs, shelving
- 2121 Furniture – Office
  Wall partitions, tables, chairs
- 2531 Woodworking – Windows, Doors, Glass, Other Millwork
  Cornices, shutters
- 2434 Woodworking – Cabinetry
  Doors, kick plates
- 5031 Woodworking – Lumber, Plywood, Millwork
  Plywood, MDF

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3M™ Scotch-Weld™ Polyurethane Reactive (PUR) Easy Adhesive EZ17010

Viscosity: Medium
Set Time: 10 seconds
Open Time: 45 seconds

Application Ideas

• Attach plastic molding
• Mirror and glass attachment
• Decorative trim attachment

Features

• Low temperature application
• Adhesion to plastics, glass and aluminum
• High strength, flexible bond line
• Fast setting
• Excellent heat stability at application temperature
3M™ Scotch-Weld™ Polyurethane Reactive (PUR) Easy Adhesive EZ17010

Where to Sell:

- **2511 Furniture – Household**
  Drawer faces, chairs, cork protectors

- **2121 Furniture – Office**
  Tables, chairs, drawer faces, shelving

- **2434 Woodworking—Cabinetry**
  Kick plates, crown molding, wood roping, face frames, drawer faces

- **2531 Woodworking - Windows, Doors, Glass, Other Millwork**
  Window trim, baseboard trim, window sashes, decorative beams, door base blocks

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**3M™ Scotch-Weld™ Polyurethane Reactive (PUR) Easy Adhesive EZ17030**

**Viscosity:** Medium  
**Set Time:** 30 seconds  
**Open Time:** 1 minute

**Application Ideas**
- Drawer assembly
- Roping molding attachment
- Corner block attachment
- Bonds and reinforces MDF

**Features**
- Fast setting
- Excellent heat stability at application temperature
- Contains UV indicator
- Low temperature application
Where to Sell:

- **2511 Furniture – Household**
  Chairs, tables, outdoor furniture, face frames, planting containers, window boxes

- **2121 Furniture – Office**
  Shelving, wall partitions, leather and vinyl upholstery, plaques and awards

- **2531 Woodworking - Windows, Doors, Glass, Other Millwork**
  Vinyl window sash to wood, shutters

- **2434 Woodworking – Cabinetry**
  Decorative moldings

- **5031 Woodworking - Lumber, Plywood, Millwork**
  plywood, MDF

- **3089 Rubber and Plastic - Window, Door, Interior and Exterior Automotive**
  Upholstery, dash and console, emblems, speakers, rubber insulation

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3M™ Scotch-Weld™ Polyurethane Reactive (PUR) Easy Adhesive EZ17060

Viscosity: Low
Set Time: 1 minute
Open Time: 2 minutes

Application Ideas

- Plastic trim attachment
- Mirror and glass attachment

Features

- Thin glue lines
- Long set time
- Low temperature application
- High strength, flexible glue lines
- Adhesion to plastics, glass, aluminum
- Excellent heat stability at application temperature
3M™ Scotch-Weld™ Polyurethane Reactive (PUR) Easy Adhesive EZ17060

Where to Sell:

- **2511 Furniture – Household**
  Chairs, tables, outdoor furniture, face frames, planting containers, window boxes

- **2121 Furniture – Office**
  Shelving, wall partitions, leather and vinyl upholstery, plaques and awards

- **2531 Woodworking – Windows, Doors, Glass, Other Millwork**
  Vinyl window sash components, shutters

- **2434 Woodworking – Cabinetry**
  Decorative moldings

- **5031 Woodworking – Lumber, Plywood, Millwork**
  Plywood, MDF

- **3089 Rubber and Plastic – Window, Door, Interior and Exterior Automotive**
  Mirrors, upholstery, dash and console, emblems, speakers, rubber insulation

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### Additional Information

<table>
<thead>
<tr>
<th>Container Size</th>
<th>Linear Feet per Container</th>
<th>Cartridges per Container Estimated</th>
<th>Weight per Container</th>
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</thead>
<tbody>
<tr>
<td>1/10th Gallon</td>
<td>250</td>
<td>1</td>
<td>300 grams</td>
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<tr>
<td>2 Kilogram</td>
<td>1650</td>
<td>6.6</td>
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<tr>
<td>5 Gallon Pail</td>
<td>13500</td>
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<td>36 lbs.</td>
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<tr>
<td>55 Gallon Drum</td>
<td>150,000</td>
<td>605</td>
<td>400 lbs.</td>
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</table>

Bulk Products (2kg, 5 gal pail, 55 gal drum) are not stocked

1 lb = 454 grams

### Cost per Linear Foot in Cartridge vs. Bulk

**Formula:**

Cost/lb. divided by 375 linear feet = cost/linear foot of 1/8” semi-circular bead

Cost/cartridge divided by 250 linear feet = cost/linear foot of 1/8” semi-circular bead

**Example:**

$10.34/lb. x 36 pails = $372.24

$21.49/cartridge divided by 250 linear feet per cartridge = $0.086 per linear foot

$10.34/lb. divided by 375 linear feet/lb. = $0.27 per linear foot
### 3M™ Scotch-Weld™ Polyurethane Reactive (PUR) Easy Adhesive Selection guide by substrate

<table>
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<tr>
<th>Substrate</th>
<th>17005</th>
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