

3M

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)**



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

PUR formerly Jet-Weld™	PUR Easy	PUR Easy 250
Specialty System Standard products continue to be available	Premium System Use depends on application need and lower temperature application for heat sensitive substrates	Premium System Easy to use and maintain with three wood focused and two plastic focused adhesive options
250°F Application Temp.	170°F Application Temp.	250°F Application Temp.
Metal Nozzle Assembly, Can be retrofitted w/new Easy 250 Nozzle Housing & Shroud	Disposable Plastic Nozzle Housing & Shroud	Disposable Plastic Nozzle Housing & Shroud, Can be retrofitted with Metal Nozzle Assembly
8 Cartridge Adhesives: TE015, TE030, TE031, TE040, TE100, TE200, TS2115HGS, TS230 • Bulk options available	4 Cartridge Adhesives: EZ17005, EZ17010, EZ17030, EZ17060 • Bulk options available	5 Cartridge Adhesives: EZ250015, EZ250030, EZ250060, EZ250120, EZ250150 • Bulk options available

3M™ Scotch-Weld™ Polyurethane Reactive (PUR) Easy 250 Adhesive Selection guide by substrate

Substrate	250015	250030	250060	250120	250150
Wood/ Hardwood	▲	▲	▲	▲	○
Aluminum	N/R	N/R	N/R	N/R	▲
Painted Metal	N/R	○	N/R	N/R	▲
Leather	▲	▲	▲	▲	▲
Nitrile Rubber	○	▲	○	○	▲
Neoprene Rubber	N/R	N/R	N/R	N/R	○
SBR Rubber	N/R	○	N/R	N/R	○
Glass/Glazed Ceramic	N/R	N/R	N/R	N/R	▲
Felt/Cork	▲	▲	▲	▲	▲
PVC	▲	▲	○	N/R	▲
Beadboard	▲	▲	▲	▲	▲
Polycarbonate	○	▲	○	○	▲
ABS	▲	▲	○	○	▲
Polystyrene	N/R	▲	N/R	N/R	▲
N/R = Not Recommended ▲ = First Choice ○ = Second Choice					

Note: User is responsible for determining whether the 3M product is fit for a particular purpose and suitable for user's method of application.

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

Wood

250015 (similar to TE015)

- Set time 15 seconds
- Open time 1-1/2 minutes

250060 (similar to TE100)

- Set time 1 minute
- Open time 2 minutes

250120* (similar to TE200)

- Set time 2 minutes
- Open time 4 minutes

* Thinnest glue line

Plastic

250030 (similar to TE031)

- Set time 30 seconds
- Open time 2 minutes

250150** (similar to TS230)

- Set time 2-1/2 minutes
- Open time 4 minutes

**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

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

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

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

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

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

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

Container Size	Linear Feet per Container	Cartridges per Container Estimated	Weight per Container
1/10th Gallon	250	1	300 grams
2 Kilogram	1650	6.6	4.4 lbs.
5 Gallon Pail	13500	54	36 lbs.
55 Gallon Drum	150,000	605	400 lbs.
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

Substrate	17005	17010	17030	17060
Wood	▲	○	▲	○
Aluminum	N/R	▲	N/R	▲
Painted Metal	N/R	▲	N/R	▲
Leather	○	○	○	○
Nitrile Rubber	N/R	N/R	▲	▲
Neoprene Rubber	N/R	▲	▲	○
SBR Rubber	N/R	○	▲	▲
Glass/Glazed Ceramic	N/R	▲	N/R	▲
Felt/Cork	▲	▲	▲	▲
PVC	○	▲	▲	▲
Beadboard	▲	▲	▲	▲
Polycarbonate	▲	▲	▲	▲
ABS	▲	▲	▲	▲
Polystyrene	N/R	▲	○	▲
N/R = Not Recommended ▲ = First Choice ○ = Second Choice				

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