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## Gardner Bender PS-75

# Gardner Bender PS-75 Insulated Staples User Manual

MODEL: PS-75 | BRAND: GARDNER BENDER

## 1. Introduction

The Gardner Bender PS-75 Insulated Staples are designed for securely fastening Romex, UF, and NM non-metallic cables. These staples feature UV-resistant polyethylene saddles and zinc-plated nails, ensuring durability and protection for your wiring installations. They are engineered for fast and easy installation, preventing wood splitting and cable damage.

## 2. Key Features

- UV-Resistant Polyethylene Saddle:** Designed to resist rust, rot, and deterioration, ensuring long-lasting performance in various environments.
- Zinc-Plated Nails:** Provides enhanced resistance against rust and corrosion.
- Fast and Easy Installation:** Nails drive together without splitting wood, simplifying the installation process.
- Recessed Nail Heads:** Minimizes exposure for a cleaner finish and reduced snagging.
- Smooth Saddle Design:** The 3/8-inch wide saddle prevents damage to cable insulation.
- Versatile Compatibility:** Suitable for 1/2" and 3/4" Romex cables, and UF and NM cables up to 3-conductor (#10).

## 3. Product Specifications

Specification	Detail
Manufacturer	Gardner Bender
Part Number	PS-75
Item Weight	1.6 ounces (0.1 Pounds)
Size	3/4 inch
Color	White
Style	50 Pack
Finish	Zinc Plated

Material	UV-Resistant Polyethylene Saddle with Zinc-Plated Nails
Number Of Pieces	50
Compatible Fastener Range	1/2" and 3/4" Romex cables, UF and NM cable up to 3-conductor (#10)

## 4. Installation Instructions

Follow these steps for proper installation of Gardner Bender PS-75 Insulated Staples:

- 1. Prepare the Cable:** Ensure the cable you intend to secure is properly routed and ready for fastening.
- 2. Position the Staple:** Place the insulated staple over the cable, ensuring the cable sits snugly within the polyethylene saddle. The saddle is designed to protect the cable's insulation.
- 3. Align the Nails:** Position the staple against the wooden surface (e.g., stud, joist) where the cable needs to be secured. Ensure the two zinc-plated nails are aligned to drive straight into the wood.
- 4. Hammer the Nails:** Using a hammer, gently tap both nails simultaneously until the staple is firmly secured to the surface. The design allows both nails to drive together without splitting the wood. Ensure the nails are driven flush, with the recessed heads minimizing exposure.
- 5. Verify Security:** After installation, gently tug on the cable to ensure it is securely held by the staple and there is no excessive movement.

These staples are suitable for securing a single cable or multiple cables (up to four electrical wires, depending on their gauge and the staple's capacity) within a single staple, provided they fit without pinching or damaging the insulation.



Figure 1: A single Gardner Bender PS-75 insulated staple, showing the white polyethylene saddle and two zinc-plated nails. This staple is designed to secure electrical cables to wooden surfaces.

## 5. Usage Guidelines

The PS-75 insulated staples are intended for organizing and securing non-metallic sheathed cables (Romex, UF, NM) in residential and commercial wiring applications. Their primary function is to keep cables neatly routed and protected along wooden framing members. Always ensure the cable is not compressed or damaged during installation to maintain electrical integrity and safety.

## 6. Care and Maintenance

Gardner Bender PS-75 Insulated Staples require minimal maintenance. Store them in a dry place to prevent any potential corrosion of the zinc-plated nails, although they are designed to resist rust. Inspect installed staples periodically to ensure they remain securely fastened and that cables are not damaged. Replace any staples that appear loose or compromised.

## 7. Troubleshooting

- Staple Not Holding Securely:** Ensure the nails are driven fully into the wood. If the wood is too soft or damaged, relocate the staple to a more solid area.
- Wood Splitting During Installation:** This product is designed to prevent wood splitting. If splitting occurs, ensure you are driving both nails simultaneously and not applying excessive force. Consider pre-drilling a

small pilot hole in very hard wood, though typically not required.

- **Cable Damage:** If the cable insulation appears pinched or damaged after installation, the staple may be too small for the cable size, or it was installed improperly. Remove the staple and replace it with an appropriately sized staple, ensuring the cable fits loosely within the saddle before fastening.

## 8. Safety Warnings

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**WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).**

- Always disconnect power before working with electrical wiring.
- Use appropriate personal protective equipment (PPE) such as safety glasses.
- Ensure staples are correctly sized for the cable to avoid damaging insulation or conductors.
- Do not over-tighten staples, as this can compress the cable and lead to electrical issues.
- Follow all local electrical codes and regulations for cable installation.

## 9. Warranty and Support

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For information regarding warranty, technical support, or product inquiries, please contact Gardner Bender customer service or visit their official website. Specific warranty details may vary and are typically provided with the product packaging or on the manufacturer's website.