

MagGuard is a magnetic threaded rod safety cap designed to protect workers from exposed all-thread rod ends during MEP installation, cable tray suspension, and commercial construction. It provides a physical engineering control: a rounded cap that deflects accidental contact with exposed rod threads, paired with a high-visibility flag to alert workers to the rod's presence.

PRODUCT FEATURES

**MAGNETIC ATTACHMENT**

Attaches directly to the threaded rod end via internal magnet. No tools, adhesives, or threading required. Removes just as fast.

**ROUNDED CAP DESIGN**

Rounded outer edge deflects accidental contact, reducing the risk of laceration or puncture from exposed rod threads.

**HIGH-VISIBILITY FLAG**

A yellow hanging flag attaches to the cap and alerts workers to the presence of the exposed rod end overhead, providing a clear visual indicator at the installation point.

**MADE IN THE USA**

Every MagGuard is manufactured in the United States from Homopolymer Polypropylene (PP) built for active construction site conditions.

SIZE CHART

| SIZE | ROD DIAMETER (IMPERIAL) | ROD DIAMETER (METRIC) | TYPICAL APPLICATION                       |
|------|-------------------------|-----------------------|-------------------------------------------|
| 1    | 1/4" - 5/16"            | 6mm - 8mm             | Light-duty hanger rod, conduit support    |
| 2    | 3/8" - 1/2"             | 10mm - 12mm           | Standard MEP hanger rod, cable tray       |
| 3    | 5/8" - 3/4"             | 16mm - 19mm           | Heavy-duty hanger rod, structural support |
| 4    | 7/8"                    | 22mm                  | Large-diameter threaded rod               |

AVAILABLE COLORS



Colors are available across all four sizes. Multiple colors may be used on a single site for trade identification purposes.

MATERIAL & CONSTRUCTION

**CAP MATERIAL**

Homopolymer Polypropylene (PP)

**ATTACHMENT**

Internal neodymium rare earth magnet

**PATENT STATUS**

Patent Pending

KEY SPECIFICATIONS

**MIN. ROD LENGTH**

1.25" minimum exposed threaded rod length required for secure magnetic attachment.

**APPLICATION SCOPE**

At-grade or above-grade use only. Not intended for below-grade impalement protection.

**REUSABLE**

Yes. Caps are reusable across installations. Replace only when physical condition compromises function.

CONTACT & ORDERING

**WEBSITE**

prostruxsolutions.com

**PHONE**

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**EMAIL**

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**EMPLOYER NOTICE: REQUIRED PRIOR TO USE**

Each employer whose employees install, use, or work around MagGuard safety caps shall inform its employees of the content of these manufacturer's instructions prior to use. Information shall be provided in a manner that allows employees to understand the appropriate use of the product and the hazards associated with exposed threaded rod, consistent with applicable federal, state, and local safety regulations, including California T8 CCR 344.90 and equivalent standards.

**INSTALLATION INSTRUCTIONS**

- 1 Before using the MagGuard, conduct a thorough inspection. Check for any damage to the cap; if you notice any deformities or damage, please dispose of the cap, as using a damaged one could lead to serious injury.
- 2 Inspect the internal magnet collar for metal shavings, concrete dust, or debris. Debris coating the magnet can reduce retention force. Clean with a dry cloth before installing. After installing, confirm the cap holds securely in the vertical position without manual support before leaving the area.
- 3 Verify that you are using the correct size MagGuard protective cap for your specific threaded rod size before installation.
- 4 Verify the threaded rod meets the minimum required threaded rod length of 1.25".
- 5 Attach optional hazard warning flag at the designated attachment point.
- 6 Firmly place the MagGuard onto the end of the exposed threaded rod and apply pressure until the internal magnet makes contact with the rod end.
- 7 To ensure a secure attachment, the MagGuard must be vertically centered on the end of the protruding threaded rod.

**WARNINGS**

- \* The MagGuard is intended to be used at-grade (same level as projection) or above-grade. This device is not intended for use against risk of impalement below-grade.
- \* Proper use of this product is the responsibility of the user. User must be familiar with proper installation and inspection of this tool prior to use.
- \* Product does not support additional suspended loads. Keep out of reach of children. Not a toy.

**MAGNET SAFETY WARNINGS**

This product contains strong magnets. Keep away from children, medical devices, and electronics. Use PPE, handle with care, and confirm attachment before use.

**Strong Magnet**

Handle with care; may cause injury or damage.

**Medical Devices**

Keep away from pacemakers and other implantable devices.

**Electronics**

Keep away from phones, credit cards, hard drives, watches, and sensitive electronics.

**Temperature**

Do not expose to extreme heat or corrosive conditions; may lose magnetic strength.

**Magnetic Strength**

Holding power varies with surface material, coatings, rust, or debris. Confirm adherence before use; do not rely solely for safety-critical tasks.

- \* **Thermal Limit:** Do not expose to sustained temperatures above 176°F (80°C); magnetic degradation is irreversible. Homopolymer Polypropylene (PP) softens at 320–340°F (160–171°C).
- \* **Heat Proximity:** Keep away from open flames, hot-work sparks (welding, cutting, grinding), and uninsulated steam lines, hot conduits, or exhaust flues.

**TERMS OF USE**

- \* All ProStrux products should be used according to industry standard and reviewed by jobsite engineer before use.
- \* ProStrux products are intended for use by trained, qualified, and experienced workers only. Misuse or lack of supervision and/or inspection can contribute to serious accident or deaths.

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## LIABILITY DISCLAIMER

The MagGuard Threaded Rod Safety Cap (the Product) is designed by ProStrux LLC (ProStrux) to enhance safety in commercial environments when used in accordance with the instructions included herein, its specifications, and its intended purpose. While we endeavor to provide a high-quality and reliable safety solution, ProStrux makes no guarantees regarding the Product's performance in every conceivable situation.

To the fullest extent permitted by law, ProStrux, its affiliates, officers, directors, employees, and agents shall not be liable for any direct, indirect, incidental, consequential, special, or punitive damages, including but not limited to personal injury, loss of life, property damage, business interruption, loss of business, or economic loss, arising from the use, misuse, or inability to use the Product, even if such damages are caused by negligence or other fault. This disclaimer applies regardless of whether such claims arise under contract, tort, statute, common law, or any other legal theory.

The Product is not a substitute for proper safety protocols, training, or compliance with applicable federal, state, or local laws, regulations, and industry standards governing the spaces in which the Product may be used. Users of the Product assume full responsibility for ensuring that the Product is installed, operated, and maintained correctly and solely for its intended purposes as outlined in the included user manual. It is the user's responsibility to ensure that the installation of this Product complies with all applicable local, state, and federal regulations. Regular maintenance and inspection are necessary to ensure the continued effectiveness of the Product.

The effectiveness and performance of this product may vary depending on individual circumstances and proper installation, maintenance, and use. Any modification, unauthorized repair, or use beyond the Product's specified capabilities voids any warranties and releases ProStrux from any and all liability connected in any way with the Product. If the Product is installed or serviced by a third party, ProStrux disclaims any responsibility for the quality, safety, or efficacy of such work and any resulting consequences.

By purchasing, installing, or using the Product, you explicitly acknowledge that safety outcomes depend on numerous factors beyond ProStrux's control, including but not limited to environmental conditions, individual medical conditions, user behavior, and third-party actions. ProStrux expressly disclaims any implied warranties of merchantability or fitness for a particular purpose beyond those explicitly stated in writing. This disclaimer is governed by the laws of South Carolina, and any disputes shall be resolved in accordance with South Carolina law.

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## LIMITED WARRANTY

ProStrux LLC warrants that its safety products are free from defects in materials and workmanship under normal use for thirty (30) days from the date of original purchase. If a valid warranty claim is received within the warranty period, ProStrux will, at its discretion, replace the defective product with a new or equivalent product. Replacement items are warranted for the remainder of the original warranty period.

Exclusions: Misuse, abuse, improper installation or modification; normal wear and tear; exposure to chemicals, weather, or environmental conditions; use contrary to ProStrux's installation instructions. Thermal exclusions: warranty is voided by sustained temperatures above 176°F (80°C), hot-work spark or flame exposure, or installation near uninsulated hot pipes, conduits, or exhaust flues. Buyer assumes all risk of field thermal exposure. This limited warranty is exclusive and in lieu of all other warranties, express or implied. ProStrux shall not be liable for incidental, consequential, or indirect damages.

To submit a claim contact [Info@prostruxsolutions.com](mailto:Info@prostruxsolutions.com) with proof of purchase, photos of the product, and a description of the issue within the warranty period.

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## RETURN POLICY

- \* **Eligibility:** Returns accepted within 30 days of delivery. Items must be unused, undamaged, and in original packaging. Used or installed products cannot be returned due to safety and compliance regulations.
- \* **Condition:** Items must be free of dirt, debris, or jobsite wear. Products showing signs of use, alteration, or environmental exposure are not eligible.
- \* **Refunds:** Approved returns are refunded to the original payment method within 5-10 business days after inspection. Shipping charges are non-refundable. Customers are responsible for return shipping unless the return is due to a ProStrux error or defective product.
- \* **Bulk Orders:** Orders exceeding 500 units may incur a 15% restocking fee. Partial returns accepted only if full cases are unopened.
- \* **Non-Returnable:** Custom-labeled, special-order, or private-marked safety items; any product exposed to a jobsite environment or showing installation marks.