

[Manuals.plus](#) /

> [Milbank](#) /

> Milbank 8836-GSC3R Wiring Trough User Manual

Milbank 8836-GSC3R

Milbank 8836-GSC3R Wiring Trough User Manual

Model: 8836-GSC3R

PRODUCT OVERVIEW

The Milbank 8836-GSC3R is a robust wiring trough designed for electrical installations. It features a durable G90 gauge steel construction with a gray polyester powder-coated finish, providing protection and organization for electrical wiring. This trough measures 36 inches in length, 8 inches in width, and 8 inches in height, making it suitable for various indoor and outdoor applications where wiring needs to be enclosed and protected.

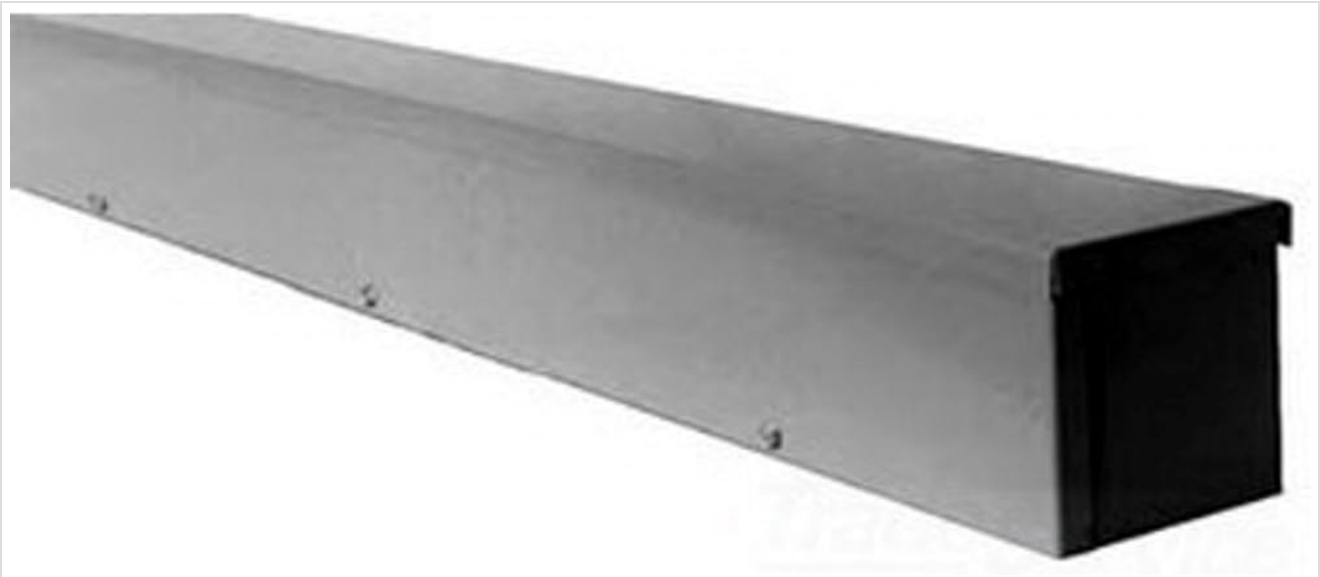


Figure 1: Milbank 8836-GSC3R Wiring Trough. This image displays the full length of the gray steel wiring trough, showing its rectangular shape and the secure cover.

SAFETY INFORMATION

Before installing or servicing the Milbank 8836-GSC3R wiring trough, please read and understand all safety instructions. Failure to follow these instructions may result in electrical shock, fire, or serious injury.

- Always disconnect power before working on electrical systems.
- Installation should be performed by a qualified electrician in accordance with all national and local electrical codes.
- Ensure the trough is properly grounded.
- Do not exceed the maximum fill capacity of the trough.
- Wear appropriate personal protective equipment (PPE) during installation and maintenance.

SETUP AND INSTALLATION

Tools Required:

- Drill with appropriate bits
- Measuring tape
- Level
- Screwdriver set
- Wire strippers/cutters
- Personal Protective Equipment (PPE)

Installation Steps:

1. **Planning:** Determine the optimal location for the wiring trough, ensuring it is accessible for future maintenance and complies with local electrical codes. Mark the mounting points on the wall or surface.
2. **Mounting:** Securely mount the trough to the desired surface using appropriate fasteners. Ensure the trough is level and firmly attached to support the weight of the wiring.
3. **Cable Entry:** Create entry points for cables as needed. The G90 gauge steel can be drilled or punched to accommodate conduit connectors or cable glands. Ensure all entry points are smooth and free of sharp edges to prevent cable damage.
4. **Wiring:** Route the electrical wires neatly within the trough. Use wire ties or other cable management accessories to keep wires organized and prevent tangling.
5. **Cover Installation:** Once all wiring is in place, secure the trough cover. The cover is designed to fit snugly and protect the internal wiring from dust, moisture, and accidental contact.
6. **Grounding:** Ensure the trough is properly grounded according to electrical codes to prevent electrical hazards.

OPERATING INSTRUCTIONS

The Milbank 8836-GSC3R wiring trough is a passive component designed to protect and organize electrical wiring. It does not have active operational controls. Its primary function is to provide a secure enclosure for electrical conductors.

Once installed and wired, ensure the cover is securely fastened to maintain the integrity of the enclosure and protect the wiring from environmental factors and physical damage.

MAINTENANCE

Regular maintenance of the Milbank 8836-GSC3R wiring trough ensures its longevity and continued protection of electrical wiring.

- **Periodic Inspection:** Annually inspect the trough for any signs of physical damage, corrosion, or loose

fasteners. Check the integrity of the powder coating.

- **Cleaning:** If necessary, clean the exterior of the trough with a damp cloth. Avoid using abrasive cleaners or solvents that could damage the polyester powder coating.
- **Internal Check (if necessary):** If internal access is required, ensure power is disconnected before opening the trough. Check for any loose connections, damaged insulation, or accumulation of dust/debris.
- **Fastener Check:** Periodically check that all mounting fasteners and cover screws are tight.

TROUBLESHOOTING

As a passive enclosure, the wiring trough itself typically does not experience "malfunctions." However, issues related to its installation or the wiring within it may arise.

Problem	Possible Cause	Solution
Trough is loose or unstable.	Improper mounting or loose fasteners.	Re-secure mounting fasteners. Ensure appropriate fasteners are used for the mounting surface.
Corrosion or rust on exterior.	Damage to powder coating; exposure to harsh chemicals or extreme moisture.	Clean affected area and apply a suitable rust-inhibiting paint or coating. Address source of exposure.
Water ingress inside trough.	Improperly sealed entry points or damaged cover.	Inspect and seal all cable entry points. Ensure cover is properly seated and undamaged. Replace if necessary.
Wiring issues (e.g., short circuits, overheating).	<i>Note: These are typically issues with the wiring itself, not the trough.</i>	Consult a qualified electrician to diagnose and repair internal wiring issues. Ensure proper wire sizing and insulation.

SPECIFICATIONS

Feature	Detail
Model Number	8836-GSC3R
Brand	Milbank
Material	G90 Gauge Steel
Finish	Gray Polyester Powder Coated
Dimensions (L x W x H)	36 inches x 8 inches x 8 inches
ANSI Rating	ANSI 61
Item Package Quantity	1
First Available Date	March 10, 2017

WARRANTY INFORMATION

Milbank products are manufactured to high-quality standards. For specific warranty details regarding the 8836-GSC3R wiring trough, please refer to the official Milbank warranty statement available on their corporate website or

contact Milbank customer service directly. Typically, warranties cover defects in materials and workmanship under normal use and service.

Please retain your proof of purchase for warranty claims.

CUSTOMER SUPPORT

For technical assistance, product inquiries, or support, please contact Milbank customer service:

- **Website:** Visit the official Milbank website for FAQs, product documentation, and contact forms.
- **Phone:** Refer to the Milbank website for current customer service phone numbers.
- **Email:** Contact information for email support can be found on the Milbank website.

When contacting support, please have your product model number (8836-GSC3R) and purchase date available.

