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> MECCANIXITY PVC Rigid Tube Instruction Manual - 43.8mm ID x 48mm OD, 330mm Length

MECCANIXITY mea240424ee000509

MECCANIXITY PVC Rigid Tube Instruction Manual

Model: mea240424ee000509

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1. PRODUCT OVERVIEW

The MECCANIXITY PVC Rigid Tube is a durable and versatile piping solution designed for various applications. Constructed from high-impact Polyvinyl Chloride (PVC), this dark grey tube features a smooth inner wall to facilitate efficient liquid flow and provides good electrical insulation. It is suitable for outdoor use and can be utilized in water systems, for protecting electrical wiring, and in various DIY projects.



Figure 1: The MECCANIXITY Dark Grey PVC Rigid Tube, showcasing its cylindrical form and uniform color.



PVC tube

The round pipe is made of PVC material, with strong impact resistance and easy processing; Good insulation; Durable and long service life

Figure 2: A close-up view of the PVC tube, highlighting its smooth surface and material composition.



Figure 3: Visual representation of key product features, including long service life, good electrical insulation, and high hardness.

2. SPECIFICATIONS

Detailed specifications for the MECCANIXITY PVC Rigid Tube (Model mea240424ee000509) are provided below:

Feature	Detail
Brand	MECCANIXITY
Model Number	mea240424ee000509
Material	Polyvinyl Chloride (PVC)
Color	Dark Grey
Inner Diameter (ID)	43.8mm (1.72 inches)
Outer Diameter (OD)	48mm (1.9 inches)
Nominal Wall Thickness	2.1 millimeters

Feature	Detail
Length	330mm (13 inches)
Item Weight	6.4 ounces
Specific Uses	Water systems, Outdoor environments, DIY projects



Figure 4: Dimensional view of the PVC Rigid Tube, illustrating its inner diameter, outer diameter, and total length.

3. INSTALLATION

Follow these steps for proper installation of the PVC Rigid Tube:

- 1. Preparation:** Ensure you have a PVC pipe of the appropriate size for your application. Verify that the inner and outer diameters match your requirements.
- 2. Cutting (if necessary):** If a shorter length is required, cut the PVC pipe to your desired measurement. For clean cuts, especially with thin-walled pipes, use a miter saw or a fine-tooth saw. Standard PVC cutters may cause thin-walled pipes to collapse.
- 3. Connection:** Install the PVC pipe onto your equipment or connect it with suitable pipe fittings. Ensure all connections are secure and watertight for water systems, using appropriate PVC cement or

sealants as needed.



Figure 5: Example of PVC pipes connected using fittings. Note: Pipe fittings are not included with this product.

4. APPLICATIONS

The MECCANIXITY PVC Rigid Tube is suitable for a variety of uses due to its material properties:

- **Water Systems:** The smooth inner wall allows for unrestricted liquid flow, making it ideal for water pipes.
- **Electrical Wiring Protection:** Its good electrical insulation properties make it suitable for protecting and organizing electrical wires.
- **Outdoor Use:** The rigid pipe is designed for outdoor environments and can withstand direct sunlight.
- **DIY Projects:** Its ease of processing and high impact resistance make it a versatile component for various do-it-yourself applications.

Good Water Pipe

- The inner wall of PVC hose is smooth that the liquid can flow fast, and the water pipe is installed tightly.



Figure 6: Cross-sectional view of PVC pipes, illustrating the smooth inner wall that ensures efficient liquid flow.

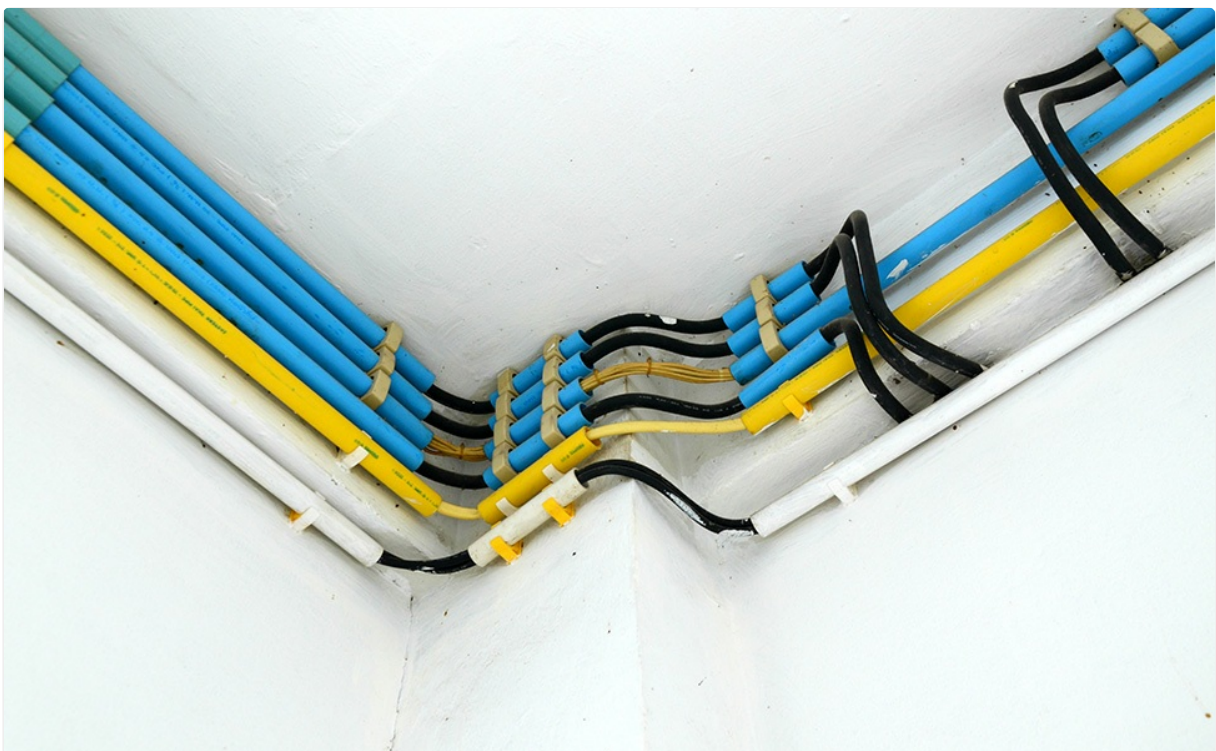


Figure 7: PVC tubes used for organizing and protecting electrical wiring in an indoor setting.

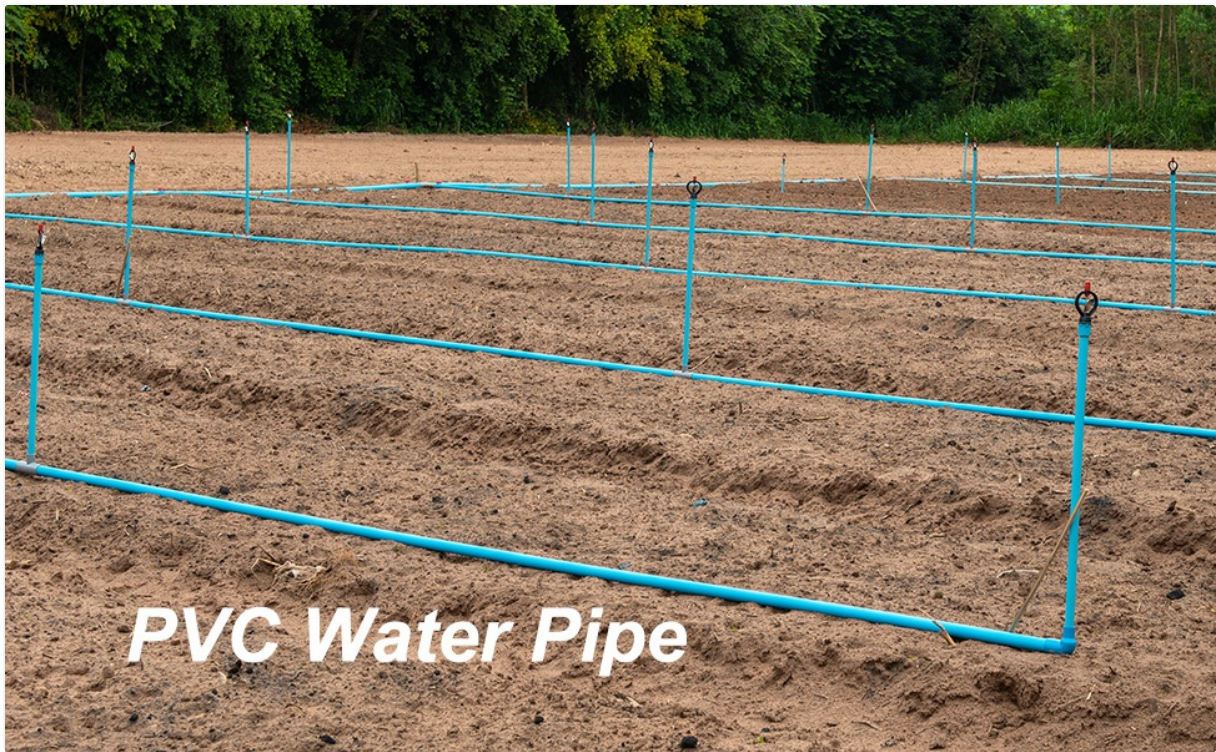


Figure 8: PVC pipes configured as part of a water irrigation system in an outdoor agricultural setting.

5. MAINTENANCE

The MECCANIXITY PVC Rigid Tube requires minimal maintenance:

- **Cleaning:** Periodically inspect and clean the exterior of the pipe to remove any dirt or debris. For internal cleaning in water systems, follow standard plumbing maintenance procedures.
- **Inspection:** Regularly check for any signs of damage, cracks, or leaks, especially in outdoor installations or high-stress applications.
- **Environmental Considerations:** While suitable for outdoor use, extreme temperatures or prolonged exposure to harsh chemicals not compatible with PVC should be avoided to ensure longevity.

6. TROUBLESHOOTING

Common issues and their resolutions:

Problem	Possible Cause	Solution
Pipe does not fit fittings	Incorrect pipe size or fitting size.	Verify the inner and outer diameters of the pipe and fittings. Ensure compatibility before purchase and installation.
Difficulty cutting pipe cleanly	Using an inappropriate cutting tool (e.g., PVC cutter on thin-walled pipe).	Use a miter saw or a fine-tooth saw for cleaner cuts, especially with thin-walled PVC pipes.
Leaks in water system application	Improperly sealed connections or damaged pipe.	Ensure all connections are properly sealed with appropriate PVC cement or sealants. Inspect the pipe for damage and replace if necessary.

7. PRODUCT VIDEO DEMONSTRATION

Watch this video for a visual overview of PVC rigid and flexible tubes, including their characteristics and applications.

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Video 1: "PVC Rigid Round Pipe" - This video demonstrates the properties and types of PVC tubes, including rigid and flexible options. Duration: 0:48.

8. WARRANTY & SUPPORT

For warranty information or product support, please refer to the MECCANIXITY official website or contact their customer service directly. Keep your purchase receipt for any warranty claims.

- **Return Policy:** This product is eligible for a refund or replacement within 30 days of purchase.
- **Manufacturer:** MECCANIXITY
- **Seller:** MECCANIXITY (Fulfilled by Amazon)