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› [Watts SVGE10 Pre-Cut Clear Vinyl Tubing \(3/8-Inch OD x 1/4-Inch ID, 10-Foot Length\) Instruction Manual](#)

Watts SVGE10

Watts SVGE10 Pre-Cut Clear Vinyl Tubing

MODEL: SVGE10 (3/8-INCH OD x 1/4-INCH ID, 10-FOOT LENGTH)

1. Product Overview

The Watts SVGE10 Pre-Cut Clear Vinyl Tubing is designed for various applications requiring flexible, clear, and durable fluid transfer. Made from plasticized Polyvinyl Chloride, it offers the flexibility of rubber and the clarity of glass. Its smooth, dense bore maximizes flow and minimizes sediment buildup. This tubing is resistant to acids, alkalis, and many solvents, making it suitable for a wide range of chemicals, gases, and liquids. It is certified to NSF 61 section 9 Clean Drinking Water standard, though it is explicitly stated not for use with ice makers.

Key Features:

- Pre-cut clear vinyl tubing.
- 3/8-Inch OD x 1/4-Inch ID x 10 foot length.
- Polyvinyl chloride construction provides flexibility and glass-like clarity.
- Handles a wide variety of chemicals, gas, and liquids, with excellent resistance to acids, alkalis, and many solvents.
- Not for use with ice makers.

2. Setup and Installation

This clear vinyl tubing is designed for ease of use in various fluid transfer applications. Ensure the tubing is compatible with the intended fluid and pressure requirements before installation.

Installation Steps:

1. **Prepare the Connection Points:** Ensure that the barb fittings or connection points are clean and free from debris. The tubing is designed to expand perfectly over standard barb fittings of appropriate size.
2. **Cut to Length (if necessary):** If a shorter length is required, use a sharp utility knife or tubing cutter to make a clean, straight cut. Avoid jagged edges that could compromise the seal.

- Attach Tubing:** Gently push the tubing over the barb fitting. For a tighter fit, you may briefly warm the end of the tubing in warm water to increase flexibility. Ensure the tubing is fully seated over the barb to create a secure, leak-proof connection.
- Secure Connections (Optional but Recommended):** For high-pressure applications or added security, use hose clamps (not included) to further secure the tubing to the fittings.
- Route the Tubing:** Route the tubing to avoid sharp bends or kinks that could restrict flow. The tubing's flexibility allows for various routing configurations.
- Test for Leaks:** After installation, slowly introduce the fluid and carefully inspect all connections for any signs of leaks.

Important Note: This tubing is not recommended for use with ice makers due to specific material requirements for such applications.

3. Operating Guidelines

Once installed, the Watts SVGE10 Clear Vinyl Tubing operates passively as a conduit for fluid transfer. Observe the following guidelines for optimal performance:

- Fluid Compatibility:** Verify that the fluid being transferred is compatible with PVC material to prevent degradation of the tubing.
- Temperature Range:** Ensure the operating temperature of the fluid remains within the tubing's specified range of 23°F to 149°F (-5°C to 65°C).
- Pressure Limits:** Do not exceed the maximum working pressure of the tubing (20 PSI to 60 PSI, depending on temperature and application) to prevent bursting or leaks.
- Visual Inspection:** Periodically check the clear tubing for any signs of discoloration, cloudiness, or sediment buildup, which may indicate a need for cleaning or replacement.
- Avoid Kinks:** Ensure the tubing is not kinked or pinched during operation, as this can restrict flow and potentially damage the tubing.

4. Maintenance

Regular maintenance helps prolong the life and effectiveness of your vinyl tubing.

- Cleaning:** If sediment or discoloration is observed, disconnect the tubing and flush it with an appropriate cleaning solution compatible with PVC and the transferred fluid. Rinse thoroughly with clean water.
- Inspection:** Routinely inspect the entire length of the tubing for cracks, abrasions, hardening, or any signs of wear. Pay close attention to connection points for potential leaks.
- Storage:** If storing the tubing, ensure it is clean, dry, and coiled loosely to prevent kinks. Store in a cool, dry place away from direct sunlight and extreme temperatures.

5. Troubleshooting

Common issues with vinyl tubing are usually related to installation or environmental factors.

- **Leaks at Connections:**

- Ensure tubing is fully seated on the barb fitting.
- Check for proper hose clamp installation and tightness (if used).
- Inspect the tubing end for damage or improper cuts. Recut if necessary.

- **Reduced Flow:**

- Check for kinks or sharp bends in the tubing. Reroute if needed.
- Inspect for internal blockages or excessive sediment buildup. Clean the tubing as described in the Maintenance section.

- **Tubing Hardening/Cracking:**

- This can occur due to prolonged exposure to incompatible chemicals, extreme temperatures, or UV light. Replace the tubing if signs of degradation are present.

6. Specifications

Attribute	Value
Brand	Watts
Material	Rubber, Vinyl
Product Dimensions	120"L x 0.38"W
Item Weight	0.01 Ounces
Nominal Wall Thickness	0.25 inch
Outside Diameter	0.38 Inches
Item Length	120 Inches
UPC	048643025523
Manufacturer	Watts
Part Number	SVGE10
Size	10 Feet
Measurement System	Inch
Certification	NSF, NSF 61

7. Product Media

Product Image:



Image of the Watts SVGE10 Pre-Cut Clear Vinyl Tubing, showing its transparent material and coiled form.

Official Product Video: Eastrans Plastic Tubing Overview

Your browser does not support the video tag.

This video provides an overview of plastic tubing, demonstrating its flexibility, clarity, and potential applications. It highlights the material's resistance to abrasion and corrosion, and its ability to withstand rough handling.

8. Warranty and Support

Warranty Information:

Watts Regulator Company (the "Company") warrants each product to be free from defects in material and workmanship under normal usage for a period of one year from the date of original shipment. In the event of such defects within the warranty period, the Company will, at its option, replace or recondition the product

without charge.

Customer Support:

For technical assistance, troubleshooting, or warranty claims, please contact Watts customer support. Refer to the product packaging or the official Watts website for the most current contact information.

Website: www.watts.com

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