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› [LASCO PVC Schedule 40 Reducer Bushing 2x1-1/2 Inch Instruction Manual](#)

**LASCO 437251BC**

# LASCO PVC Schedule 40 Reducer Bushing 2x1-1/2 Inch Instruction Manual

Model: 437251BC | Brand: LASCO

## PRODUCT OVERVIEW

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This manual provides essential information for the proper installation and use of the LASCO PVC Schedule 40 Reducer Bushing. This component is designed to connect a 2-inch PVC pipe to a 1-1/2 inch PVC pipe, facilitating a reduction in flow diameter within a plumbing system. It features a spigot end for insertion into a larger fitting and a socket end for receiving a smaller pipe. Constructed from durable PVC, it is suitable for various non-pressure and drainage applications.

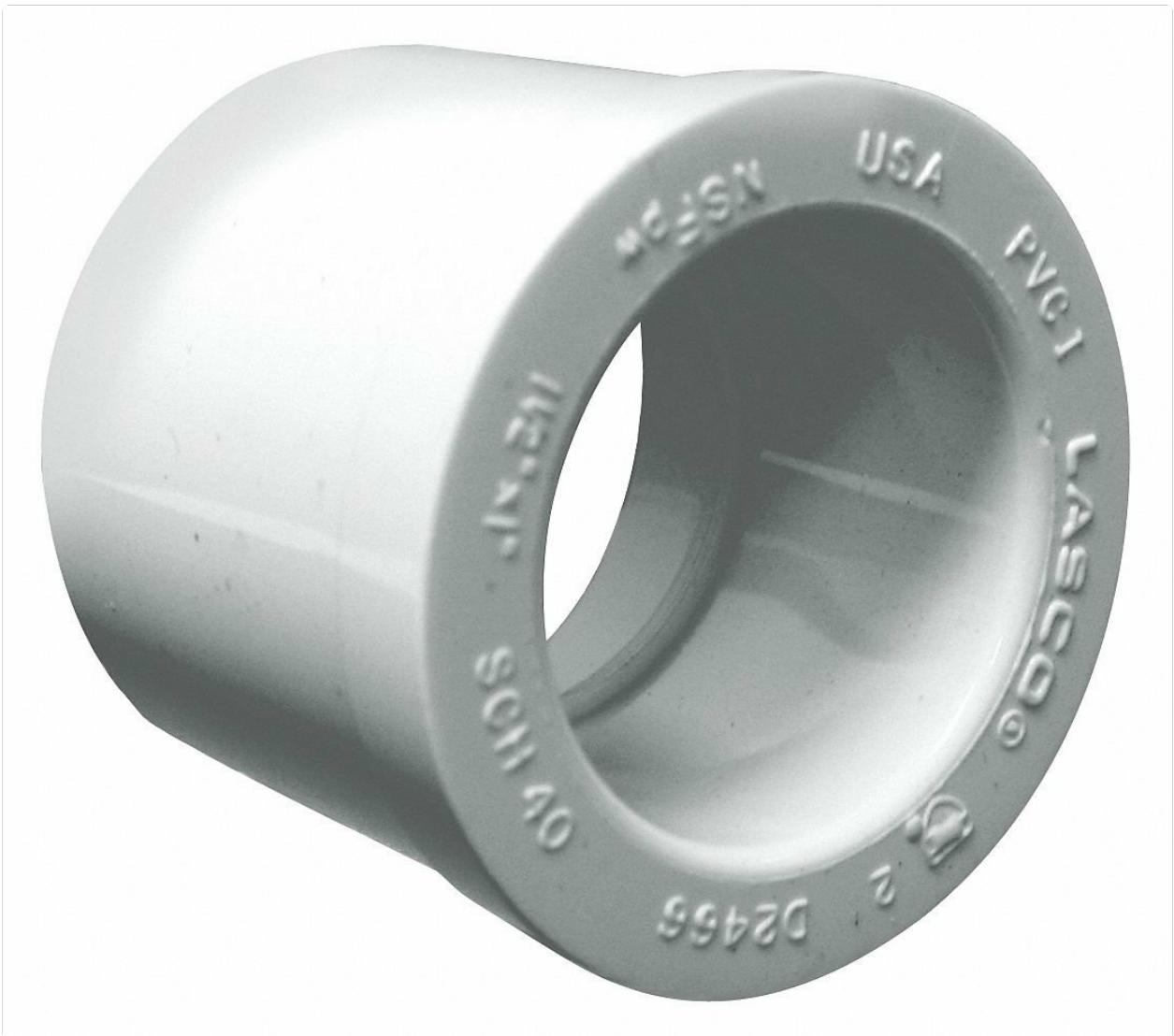


Image: A white PVC Schedule 40 reducer bushing. The larger end is a 2-inch spigot, and the smaller end is a 1-1/2 inch socket. Markings such as 'LASCO', 'PVC I', 'USA', 'NSF', 'SCH 40', and 'D2466' are visible on the surface, indicating its specifications and compliance.

## SAFETY INFORMATION

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- Always wear appropriate personal protective equipment, including safety glasses and gloves, when working with PVC pipes and adhesives.
- Ensure adequate ventilation when using PVC primer and cement, as fumes can be harmful.
- Keep all chemicals out of reach of children and pets.
- Refer to the manufacturer's instructions for PVC primer and cement for specific safety precautions and application guidelines.
- Do not use this fitting for applications exceeding its maximum temperature rating of 140 degrees F (60 degrees C).

## INSTALLATION INSTRUCTIONS

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Proper installation is crucial for a leak-free and durable connection. Follow these steps carefully:

1. **Preparation:** Ensure the ends of the pipes to be joined are clean, dry, and free of burrs or rough edges. Use a deburring tool or sandpaper if necessary.

- Dry Fit:** Temporarily fit the reducer bushing onto the pipes without primer or cement to ensure a proper fit. The pipe should enter the fitting socket easily but snugly.
- Marking:** Mark the depth of the fitting socket onto the pipe ends to ensure full insertion during cementing.
- Priming:** Apply a liberal coat of PVC primer to the outside of the pipe ends and the inside of the fitting sockets. The primer softens the PVC surface, preparing it for solvent cement.
- Cementing:** Immediately after priming, apply an even, generous coat of PVC solvent cement to the primed surfaces of both the pipe ends and the fitting sockets.
- Joining:** Quickly insert the pipe into the fitting socket, twisting the pipe a quarter turn (90 degrees) to distribute the cement evenly. Hold the joint firmly for at least 30 seconds to prevent the pipe from pushing out.
- Curing:** Wipe off any excess cement from the joint. Allow the joint to cure according to the cement manufacturer's recommendations before applying pressure or testing the system. Curing times vary based on temperature and humidity.

## OPERATION

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Once properly installed and cured, the LASCO PVC Schedule 40 Reducer Bushing operates passively as an integral part of your plumbing system. It facilitates the transition between a 2-inch pipe and a 1-1/2 inch pipe, maintaining the integrity of the fluid flow. No active user intervention is required for its operation.

## MAINTENANCE

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The PVC Schedule 40 Reducer Bushing requires minimal maintenance. Regular inspection of the plumbing system is recommended to ensure continued performance:

- Periodically check all joints for any signs of leaks or drips.
- Ensure the fitting is not exposed to chemicals or temperatures outside its specified operating range, which could degrade the PVC material.
- Clean the exterior of the fitting as needed with mild soap and water; avoid harsh abrasive cleaners.

## TROUBLESHOOTING

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Problem	Possible Cause	Solution
Leak at joint	Improper application of primer/cement, insufficient curing time, damaged pipe/fitting.	Cut out the leaking section and re-install with new pipe/fitting, ensuring correct priming, cementing, and curing.
Fitting does not connect properly	Incorrect pipe size, burrs on pipe, fitting damage.	Verify pipe and fitting sizes. Deburr pipe ends. Inspect fitting for damage and replace if necessary.
Cracking or material degradation	Exposure to incompatible chemicals, excessive temperature, physical impact.	Replace the fitting. Ensure the plumbing system's environment is within the PVC's specifications.

## TECHNICAL SPECIFICATIONS

Feature	Specification
Body Material	PVC
Schedule	40
Pipe Size	2 In. x 1-1/2 In.
Connection Type	Spigot x Socket
Color	White
Max. Temperature	140 Degrees F (60 Degrees C)
Length	1.70 In.
Standards Compliance	NSF 61, NSF 14, ASTM
Product Dimensions (L x W x H)	2.5 x 2.5 x 1.8 inches
Item Weight	0.28 Pounds
Model Number	437251BC

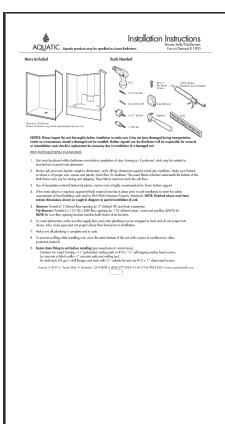
## WARRANTY AND SUPPORT

This LASCO product is manufactured to high-quality standards. For specific warranty information or technical support, please refer to the official LASCO website or contact their customer service department. Keep your purchase receipt as proof of purchase.

For further assistance, you may visit the [LASCO website](#) or consult a qualified plumbing professional.

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## Related Documents - 437251BC



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Comprehensive installation instructions and maintenance guide for Aquatic shower stalls, tub-showers, and domes. Includes pre-installation planning, step-by-step procedures, cleaning, and selection information for various models.

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