Schedule 40 CPVC Ball Valve

Product Overview

The Eastman 48638 Schedule 40 CPVC Ball Valve is designed for controlling water flow in residential and commercial applications. Made from durable CPVC, it is suitable for hot and cold-water systems and offers reliable performance.

Specifications:

- Material: CPVC (Chlorinated Polyvinyl Chloride)
- Schedule 40 rating
- Suitable for hot and cold-water systems

Safety Precautions:

- Ensure the water supply is turned off before beginning installation.
- Wear safety goggles and gloves to protect against primer and cement fumes and skin contact.
- Work in a well-ventilated area.

Tools and Materials Needed:

- CPVC pipe cutter or fine-tooth saw
- CPVC primer and solvent cement
- Sandpaper or a deburring tool
- Clean, lint-free cloth
- Safety goggles and gloves

Installation Steps:

1. Preparation

- Turn off the water supply.
- Cut the CPVC pipes to the required length using a pipe cutter or fine-tooth saw.
- Smooth the cut edges with sandpaper or a deburring tool.

2. Dry Fit

- Temporarily fit the ball valve onto the CPVC pipes to check alignment.
- Mark the pipe and valve connection points for accurate alignment during gluing

3. Primer and Cement Application

- Apply CPVC primer to the outside of the pipe ends and inside the valve sockets. Follow the primer's instructions for application and drying time.
- Quickly apply CPVC solvent cement over the primed areas.

4. Valve Connection

- Immediately insert the pipe ends into the valve sockets, aligning with the marks.
- Hold the connection firmly for a few seconds to ensure a strong bond.
- Wipe away any excess cement with a clean cloth.

5. Curing Time

- Allow the cement to cure fully before turning on the water supply. Refer to the cement package for specific curing times.

6. Testing

- Once cured, turn on the water supply.
- Check for leaks around the valve connections.
- Operate the valve to ensure it opens and closes smoothly.

Post Installation:
Monitor the valve over the next few days for any signs of leakage.
If a leak is detected, the valve may need to be reinstalled with fresh primer and cement.

⚠ **Caution:**
Do not use this valve for gas or other non-water applications.
Ensure compatibility with your CPVC piping system before installation.

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