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KUJOBUY F3040750

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Model: F3040750

INTRODUCTION

This instruction manual provides essential information for the proper handling, installation, and maintenance of your KUJOBUY Uponor Wirsbo F3040750 AquaPEX Blue Tubing. This 3/4 inch PEX-a tubing is designed for various plumbing, radiant, and hydronic systems, including potable water supply and radiant floor heating. Adhering to these guidelines will ensure optimal performance and longevity of the product.



A coiled length of blue PEX-a tubing, indicating its flexible nature and color.

SETUP AND INSTALLATION

1. Product Overview and Dimensions

Understanding the tubing's dimensions is crucial for selecting appropriate fittings and ensuring proper system design.



prevent leak



LEAKAGE-PROOF PIPE

This diagram illustrates the precise measurements of the 3/4 inch PEX tubing, including its outside diameter, tube thickness, and inside diameter, crucial for proper fitting selection.

2. Handling and Storage

- Store tubing in its original packaging or in a clean, dry area away from direct sunlight and extreme temperatures.
- Avoid sharp objects that could puncture or damage the tubing.
- Keep the tubing coiled until ready for installation to prevent kinking.

3. Cutting and Connecting

Use a specialized PEX tubing cutter to ensure clean, square cuts. This tubing is compatible with PEX-a expansion fittings, crimp, or clamp connections. Always follow the fitting manufacturer's instructions for secure and leak-proof connections.

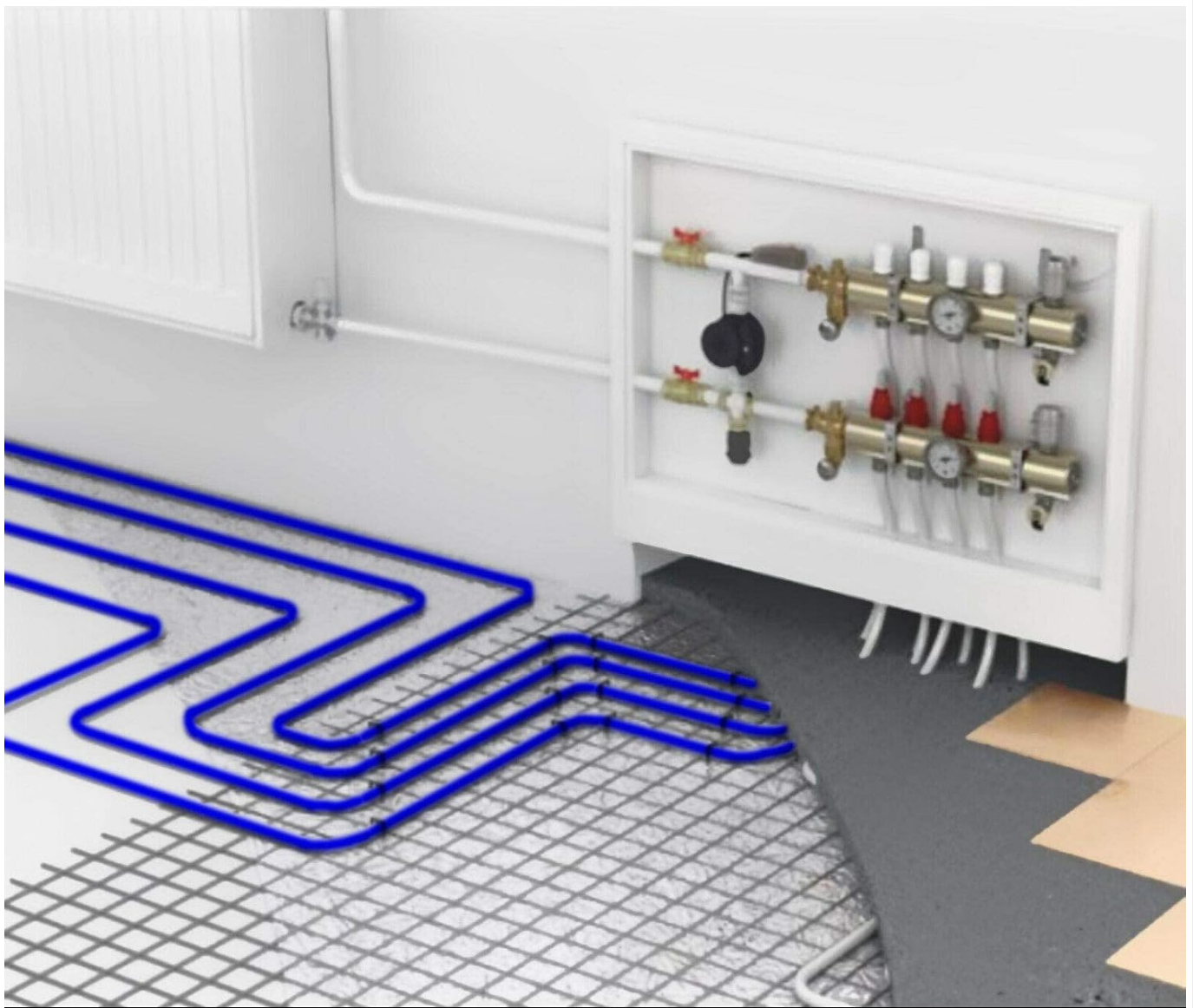


7" BENDING RADIUS

This image emphasizes the leakage-proof design of the PEX tubing, assuring reliability in plumbing systems.

4. Bending Radius

The tubing offers excellent flexibility, allowing for a minimum bending radius of 7 inches without kinking. This feature simplifies installation in confined spaces and reduces the need for excessive fittings.



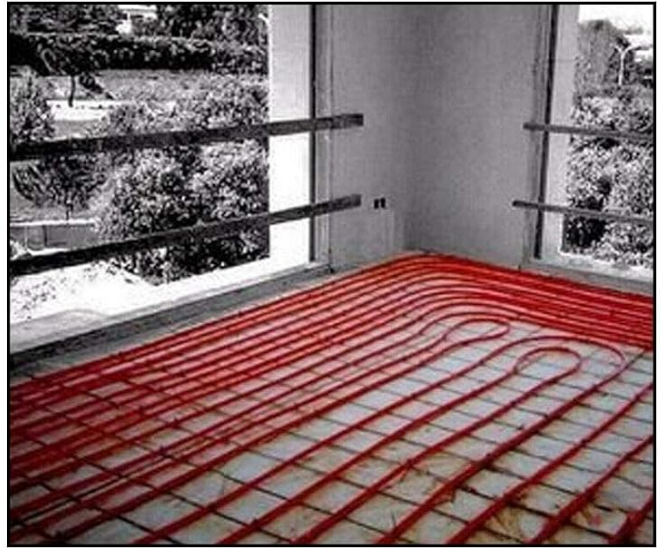
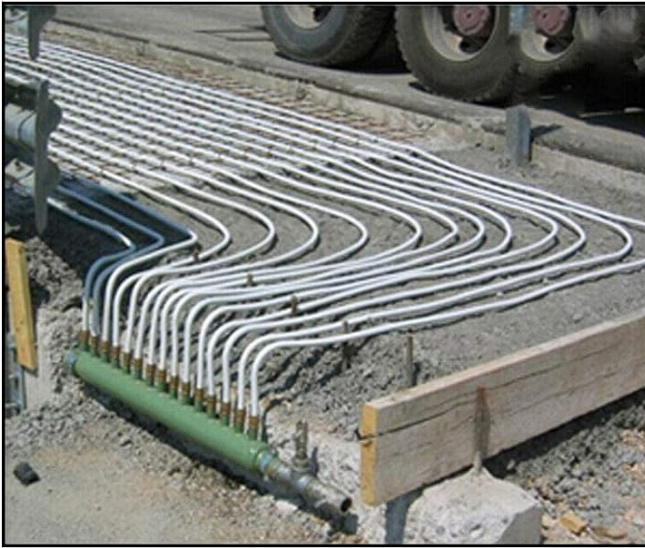
VARIOUS TUBE CONNECTION

A person demonstrates the flexibility of the PEX tubing, showing its ability to bend to a 7-inch radius without kinking.

5. Installation Methods and Applications

This PEX tubing is suitable for a wide range of applications, including:

- Structural concrete slabs (with rebar or wire mesh reinforced slabs)
- Non-structural slabs (thermal mass, gypsum slabs)
- Staple-up (between joists) radiant floor heating with and without heat transfer plates
- "Sandwich" type radiant heating (between subfloor and finished floor)
- Snow & ice melting systems
- Baseboard & radiator heating systems
- Water supply systems



DIFFERENT INSTALLATION WAYS

This image displays various tube connections, specifically showing PEX tubing integrated into a manifold system for radiant floor heating.

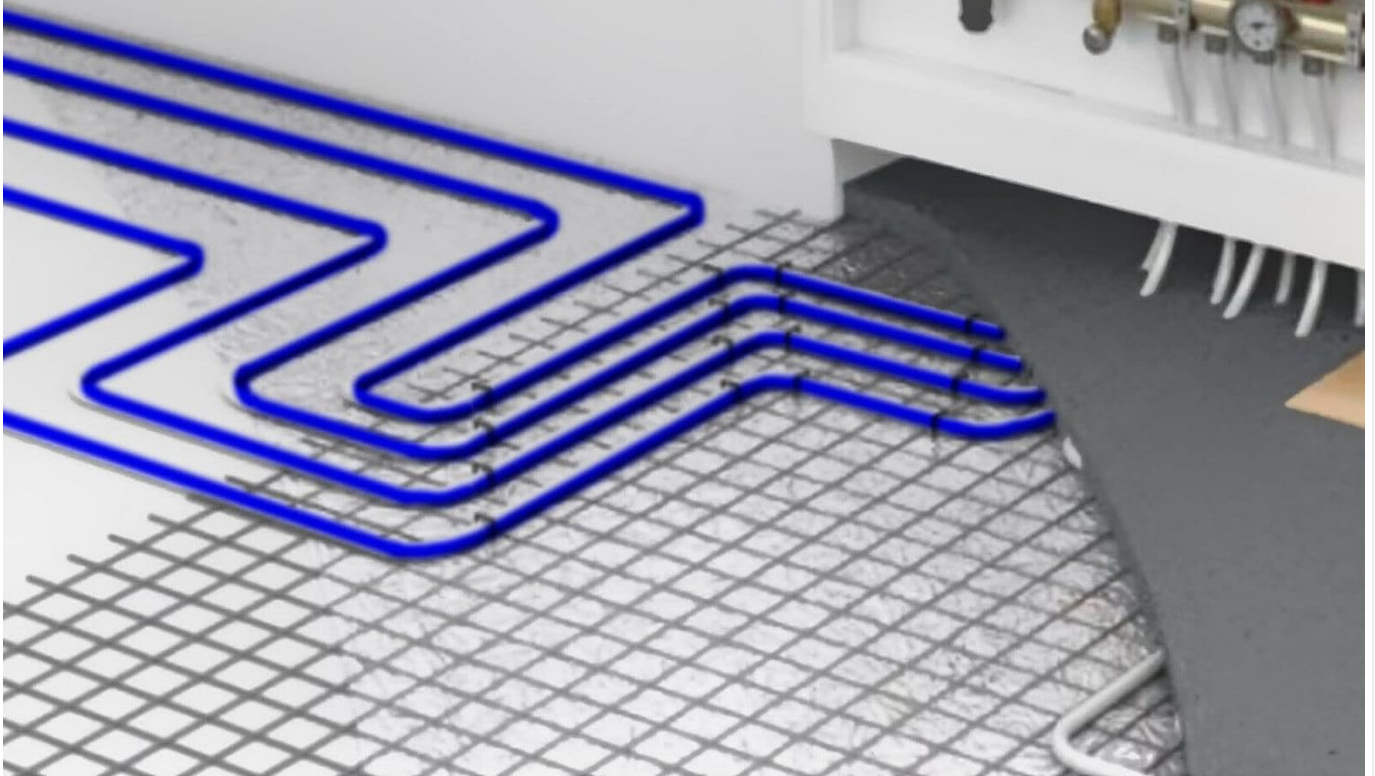


WIDE APPLICATION PLACES

Four distinct images showcase different installation methods for PEX tubing in radiant heating systems.

DIVERSAL INSTALLATION CIRCUMSTANCE:

- STRUCTURAL CONCRETE SLABS (REBAR OR WIRE MESH REINFORCED SLABS).
- NON-STRUCTURAL SLABS (THERMAL MASS, GYPSUM SLABS).
- STAPLE-UP (BETWEEN JOISTS) RADIANT FLOOR HEATING WITH AND WITHOUT HEAT TRANSFER PLATES.
- "SANDWICH" TYPE RADIANT HEATING (BETWEEN SUBFLOOR AND FINISHED FLOOR).
- SNOW & ICE MELTING SYSTEMS.
- BASEBOARD & RADIATOR HEATING SYSTEMS.
- WATER SUPPLY SYSTEM.



This image illustrates the wide application of PEX tubing in a residential setting, showing it laid out for radiant floor heating.





This detailed diagram outlines the diverse installation circumstances suitable for PEX tubing, covering various types of slab installations, radiant heating configurations, and water supply applications.

OPERATING GUIDELINES

Once installed, the PEX tubing system operates as part of your plumbing or heating infrastructure. Ensure the following:

- **Pressure Testing:** Before concealing the tubing, perform a pressure test according to local codes and manufacturer recommendations to verify all connections are secure and leak-free.
- **Temperature Limits:** Adhere to the specified temperature and pressure ratings for PEX-a tubing to prevent damage and ensure safe operation. Consult the manufacturer's technical data for specific limits.
- **System Flushing:** For potable water systems, flush the lines thoroughly before use to remove any debris or contaminants.

MAINTENANCE

PEX-a tubing requires minimal maintenance once properly installed. However, periodic checks can help ensure long-term performance:

- **Visual Inspection:** Periodically inspect exposed sections of tubing for any signs of damage, kinks, or wear.
- **UV Protection:** PEX tubing is susceptible to degradation from prolonged exposure to ultraviolet (UV) light. Ensure all exposed tubing is protected from direct sunlight.
- **Insulation:** Maintain proper insulation for hot water lines and radiant heating systems to optimize energy efficiency and prevent heat loss.

TROUBLESHOOTING

Most issues with PEX tubing systems are related to improper installation. Here are common problems and their potential solutions:

Problem	Possible Cause	Solution
Leaks at connections	Improperly made connection, damaged fitting, incorrect tool use.	Re-make the connection following manufacturer's instructions. Replace damaged fittings. Ensure correct tools are used and calibrated.
Reduced water flow	Kinked tubing, debris in the line, closed valve.	Inspect tubing for kinks and straighten if possible. Flush the system to remove debris. Check all valves are fully open.
Tubing damage (e.g., punctures)	Accidental impact during or after installation, exposure to sharp objects.	Isolate the damaged section. Cut out the damaged part and repair using appropriate PEX couplings and connection methods.

SPECIFICATIONS

Detailed specifications for the KUJOBUY Uponor Wirsbo F3040750 AquaPEX Blue Tubing:

- Brand:** KUJOBUY
- Manufacturer:** Uponor Wirsbo
- Part Number:** F3040750
- Material:** Plastic (PEX-a)
- Color:** Blue
- Product Dimensions:** 1200"L x 0.75"W (100 Feet Length x 0.75 Inches Width)
- Item Length:** 100 Feet
- Outside Diameter:** 0.75 Inches (Nominal)
- Nominal Wall Thickness:** 0.75 inch (Note: This value appears to be an error in the source data, typically wall thickness is much smaller than OD. Refer to diagram for 0.1 inch tube thickness.)
- Item Weight:** 10 Pounds

Specific Uses For Product: Plumbing, Radiant & Hydronic Systems, Potable Water, Residential and Commercial Plumbing, Radiant Floor Heating

Date First Available: February 24, 2010

WARRANTY INFORMATION

Warranty coverage for the KUJOBUY Uponor Wirsbo F3040750 AquaPEX Blue Tubing is provided by the manufacturer, Uponor Wirsbo, or the seller, KUJOBUY. Please refer to the official product documentation or contact the seller directly for specific warranty terms, conditions, and registration procedures. Protection plans may also be available for purchase separately.

CUSTOMER SUPPORT

For technical assistance, installation guidance, or any questions regarding your KUJOBUY Uponor Wirsbo F3040750 AquaPEX Blue Tubing, please contact the seller, KUJOBUY, through their official channels. You may also refer to the manufacturer's (Uponor Wirsbo) website for additional resources and support documentation.

KUJOBUY Store Link: [Visit KUJOBUY Store on Amazon](#)

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