

Copper-to-PEX conversion plan

FIX-010 / REV A / 2026.09.01

Plan a potable-water transition around the specific tubing and fitting system, then verify the installed joints before concealment.

STATUS	Recovered/Partial
CLASSIFICATION	FIX
MATERIAL	TROUBLESHOOTING
DISPOSITION	PUBLIC / RECOVERED/PARTIAL
CATEGORY	Repairs / Technology
RECORD TYPE	how-to

GOAL

Run the first test described in this guide and record the result for copper-to-pex conversion plan.

SOURCE STATE

New reference guidance; not a recovered test result

EQUIPMENT

- Basic inspection tools
- Service information for the exact model
- Notebook or photo record

METHOD / STEPS

1. Map the lines, shutoffs, pipe size, access and hot/cold service conditions. Check applicable local requirements and any grounding/bonding implications before replacing copper.
2. Choose compatible listed fittings and the correct PEX connection system; do not mix crimp, expansion and push-fit assumptions.
3. Shut off and relieve pressure, cut square, deburr copper and mark the exact fitting's insertion depth. Assemble according to its manufacturer's instructions.
4. Support tubing, protect it from abrasion/UV/heat and perform the required leak/pressure test before closing the wall.

THINGS TO WATCH FOR

Insertion depths differ by fitting generation. A fitting that feels attached may not be fully seated. Do not improvise compressed-air testing unless the system manufacturer and local requirements allow it.

FIRST TEST / WHAT TO RECORD

All joints remain dry under the prescribed test and the installed route can move thermally without rubbing.

RESULT / WHERE THIS STANDS

All joints remain dry under the prescribed test and the installed route can move thermally without rubbing.

TROUBLESHOOTING

- Insertion depths differ by fitting generation. A fitting that feels attached may not be fully seated. Do not improvise compressed-air testing unless the system manufacturer and local requirements allow it.

SAFETY / LIMITATIONS

- Use qualified judgment and current manufacturer or code guidance for safety-critical work.

SPECIFICATION

TYPE	Troubleshooting
SUBJECT	Copper-to-PEX conversion plan
VALIDATION	Observed symptom / tested cause / result

DEVELOPMENT HISTORY

2026.09.01 / Rev A

Imported as an independent manifest record; public copy keeps uncertainty visible.

REFERENCE NOTES

SharkBite installation reference

(<https://www.sharkbite.com/us/en/resources/blog/new-build-remodels/repipes-pipe-transitions/quickly-transition-from-copper-to-pex-with-sharkbite>), SharkBite installation reference
(<https://www.sharkbite.com/us/en/resources/pipe-insertion-depth-chart>).

HOW-TO SOURCES

SharkBite installation reference

<https://www.sharkbite.com/us/en/resources/blog/new-build-remodels/repipes-pipe-transitions/quickly-transition-from-copper-to-pex-with-sharkbite>

SharkBite installation reference

<https://www.sharkbite.com/us/en/resources/pipe-insertion-depth-chart>

RELEASED MATERIAL / SOURCE LINKS

fix-010-public-summary.txt

PUBLIC SUMMARY / RECOVERED NOTES

<https://u225x.com/downloads/manifest-records/fix-010-public-summary.txt>

RETURN TO THE LIVING RECORD

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This PDF preserves the public notes at this revision. Visit the record for updates and attached images.

<https://u225x.com/record/FIX-010>