

TECHNICAL BULLETIN TB266

PROTECTING EVERLOC+™ JOINTS

Product: EVERLOC+ fittings

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REHAU permits EVERLOC+ compression-sleeve joints (polymer and LF brass) to be buried or concealed. REHAU recommends that threaded connections never be buried or concealed as they must be accessible for periodic inspection, per building codes.

The requirement to wrap an EVERLOC+ joint can depend on many factors including location and the presence of other materials that contact or can come in contact with the joint.

When wrapping an EVERLOC+ joint, the following is required:

- Wrap the joint, ensuring a minimum of 50% overlap of the tape
- Avoid wrinkles or kinks in the tape and ensure the joint is completely covered, extending on to the pipe as necessary
- Indicate the location of each joint as required on the "as-built" drawings

Note: Use only REHAU recommended protective tapes for wrapping EVERLOC+ joints. Do not use other types of tapes (e.g. duct tape, standard electrical tape) to wrap the joint, as chemicals in the adhesive may not be compatible with the PPSU fitting material or the PEX pipe.



Note: Never use heat shrink tubing (e.g. RAUCROSS) to wrap the joint, as the extremely high temperatures produced from a heat gun will soften the pipe and may cause it to pull away from the fitting.



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Concealed in inaccessible locations:

When EVERLOC+ joints are concealed but are still in open air space (e.g. behind drywall), it is not necessary to wrap the joint. However, the installer should ensure the fitting does not come in contact with chemicals (e.g. PVC glues, solvents, cements) that could damage the fitting material.

Use **Linerless Rubber Tape, Black (Art. 241002)** also available at most distributors and retailers (Scotch® 2242).

Buried in a concrete slab or in the sub-base underneath the slab:

When burying an EVERLOC+ polymer joint directly in a concrete slab or in the sub-base underneath the slab, it is not necessary to wrap the joint. However, there are some additives in concrete or chemicals used in the installation that could potentially damage the fitting material, and in this case, wrapping is recommended. EVERLOC+ LF brass joints buried directly in a concrete slab or in the sub-base underneath the slab must be wrapped. Use **Linerless Rubber Tape, Black (Art. 241002)** also available at most distributors and retailers (Scotch® 2242).

Buried in soil:

When burying EVERLOC+ joints in soil, outside of a structure, the joint must be wrapped.

Use **Linerless Rubber Tape, Black (Art. 241002)** also available at most distributors and retailers (Scotch® 2242).

With foaming agents:

Foaming agents and solvents in closed-cell foam insulation kits can damage the PPSU fitting material. Therefore, it is necessary to wrap EVERLOC+ polymer joints in a protective tape to protect from polyurethane foams.

Use **REHAU Protective Tape, Red (Art. 246869-001)** or **Linerless Rubber Tape, Black (Art. 241002)**.

Note: If Linerless Rubber Tape, Black (Art. 241002) is not available in your market, the following tapes have also been approved for use when protecting EVERLOC+ joints:

- 3M™ Temflex™ Rubber Splicing Tape 2155
- 3M™ Temflex™ Cotton Friction Tape 1755
- Scotch® Rubber Splicing Tape 23
- Scotch® Linerless Rubber Splicing Tape 130C