

**Product:** Stream33 PEX-A Plumbing Pipe

**Date:** 16 August 2022

In accordance Uniform Plumbing Code, Section 604.13: "PEX tubing shall not be installed within the first eighteen (18) inches (457mm) of piping connected to a water heater." A minimum of 18 in. (45cm) of metallic transition piping must be used for both of the direct connections to water heater connections. Corrugated metal water heater connector pipes of copper or stainless steel are the typical materials for this application (see Fig. 1).

Within the Uniform Plumbing Code, this applies to all PEX fitting systems and all types of water heaters (electric, fossil fuel, and indirect-fired) including storage tank type and tankless type (also known as demand or instantaneous) water heaters.

In some local jurisdictions, direct connection of PEX pipe to a water heater is allowed. In these cases, Stream33 PEX-A Plumbing Pipe may be directly connected as per the following:

### Electric, Storage Type Water Heaters

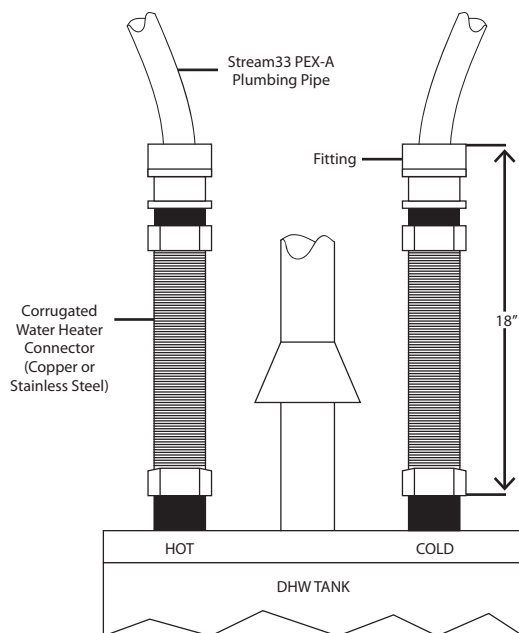
- Direct connection allowed to electric water heaters, which are intended for domestic applications, unless prohibited by the specific water heater manufacturer.

### Gas, Tankless Water Heaters

- Direct connection allowed to tankless water heaters, which are intended for domestic applications, unless prohibited by the specific water heater manufacturer.
- Connection must be a minimum 6" distance from flue, specific distance based on specific water heater manufacturer's recommendation.
- If the minimum distance from flue cannot be accomplished, metallic transition piping is required.

### Gas, Storage Type Water Heaters

- Direct connection allowed to gas water heaters, which are intended for domestic applications, unless prohibited by the specific water heater manufacturer.
- Connection must be minimum 6" from flue and 6" from blower box.
- If the minimum distance from flue and blower box cannot be accomplished, metallic transition piping is required.



**Figure 1: DHW water tank with 18" of metallic transition piping.**

The information contained herein is believed to be reliable, but no representations, guarantees or warranties of any kind are made as to its accuracy, suitability for particular applications or the results to be obtained therefrom. Before using, the user will determine suitability of the information for user's intended use and shall assume all risk and liability in connection therewith.