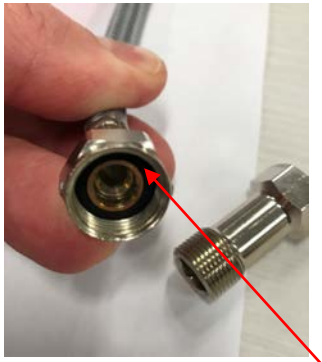
Supply Line Adapters (SLA)

How to get a tight seal with the supply line hose (water outlet side)



The seal in the connection between the adapter and the hose is on the hose side.

On their male side (outlet side) NEOPERL SLA's are designed to provide a good seal with **3/8" compression flexible hoses** equipped with an **undamaged flat or conical RUBBER washer**.

An **old** (dried up and lacking flexibility) **or damaged rubber seal** on the hose side can cause the connection to leak. Tightening the adapter further (using a wrench) will NOT result in a better or more reliable seal. Use a NEW hose with a quality seal to get a tight connection.

DO NOT OVERTIGHTEN.

Do NOT use TEFLON TAPE on the male threads of the adapter. These threads are NOT designed to seal with tape but exclusively with the rubber washer on the HOSE SIDE.

Supply Line Adapters (SLA)

How to get a tight seal with the angle stop (water inlet side)

Fig. 1

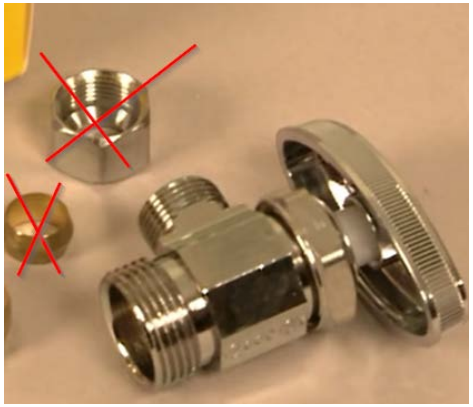


Fig. 2

Fig. 3

Flat rubber seal inside female side of NEOPERL SLA

The female thread side of the NEOPERL SLA is intended to connect directly to a **3/8" compression angle stop valve** (fig. 1)

In a brand new installation, the threads of the angle stops may still be equipped with a **nut and olive** (fig. 2), you will not need these parts to connect the SLA.

The SLA comes equipped with a **flat rubber seal inside the female threads** to provide a good seal with the male threads of the angle stop (fig. 3)

Supply Line Adapters (SLA)

How to get a tight seal with the angle stop (water inlet side)

Fig. 1

Some threads of the stop valve remain visible after tightening the SLA

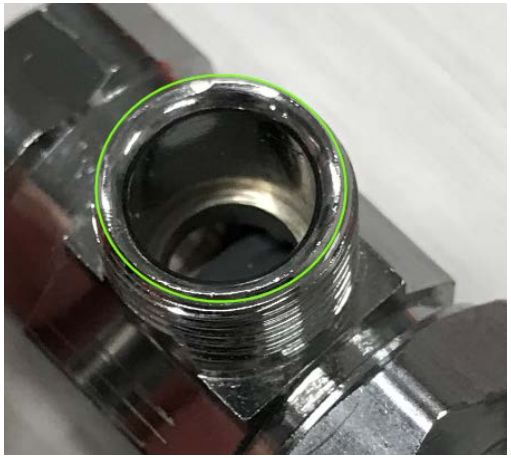


Fig. 2

Fig. 3

The SLA should be **hand-tightened** to the stop valve (fig. 1) **and an additional ¼ turn applied with a wrench**. If the connection still leaks an extra ¼ turn can be applied with a wrench. You will most likely still see threads of the stop valves after the adapter is tightly connected.

If the connection still leaks **check the sealing SURFACE of the stop valve** (green circle in fig.2). If this surface shows too much damage, you may not be able to get a good seal without replacing the complete stop valve.

Applying **excess torque to the SLA** (beyond ½ turn past had tight) **will NOT produce a better or more reliable seal**. On the contrary it will eventually result in the valve sealing surface (pink circle in fig. 3) cutting a complete or partial ring in the seal. It may also apply excessive force on the body of the SLA (brass) which could result in failure at a later date.

Supply Line Adapters (SLA)

CONCLUSION on getting a tight seal on either side of the adapter

NEOPERL®
flow, stop and go®

On both sides of the SLA a water tight seal is obtained by **compressing a washer (axial seal).**

Excessive compression of these washers will result in damage to the rubber and will generate leaks.

Installation instructions for Supply Line Adapters (SLAs) are similar to those for flexible supply lines:

Hand tighten then ¼ turn with a wrench

IMPORTANT: Over tightening may cause the washers to compress excessively and leak. When installing the adapter, or adapters, HAND TIGHTEN then 1/4 turn with wrench.