

VMAC uses Push-To-Connect fittings with our Polytetrafluoroethylene (PTFE) tubing for pressure control and oil scavenging. This article details how to ensure a leak free connection.

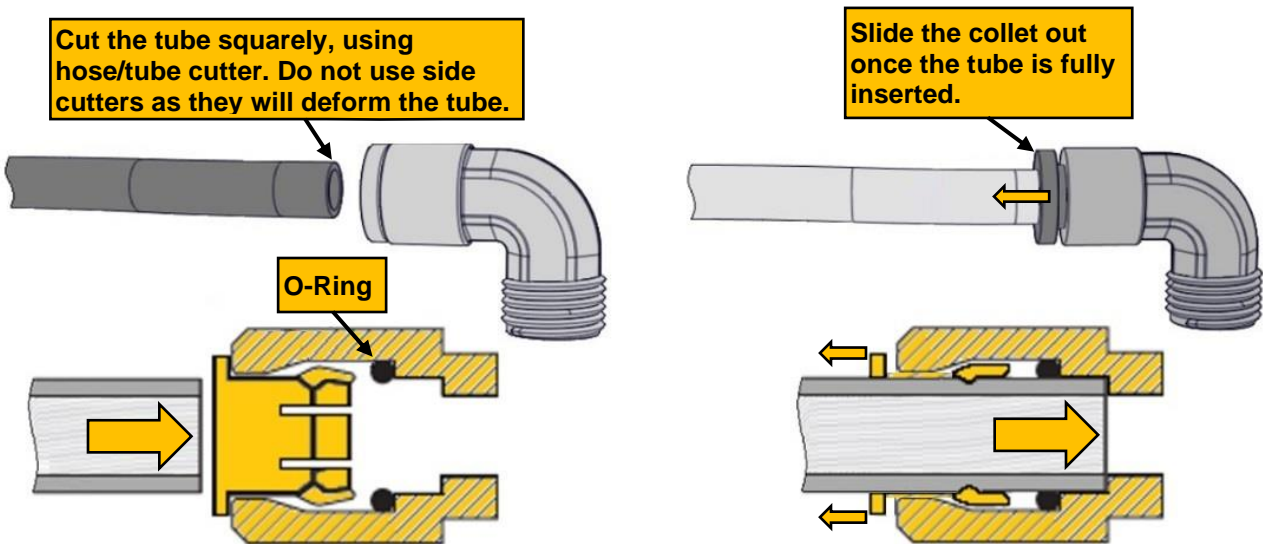


Figure 1 – Push-to-connect fittings.

- Lubricate the PTFE tube with compressor oil or assembly grease so that it doesn't roll the internal O-Ring when it is inserted, otherwise the fitting may leak.
- With the collet (sleeve in the fitting) against the body of the fitting, push the PTFE tube all of the way into the fitting. There will be a little resistance at first and then the tubing will be felt to seat against the fitting.
- Once the PTFE tube is fully seated, pull the collet away from the fitting to secure the PTFE tube in place.



***Push/pull the tube to ensure the tube does not have any play in the fitting, to prevent the O-ring from wearing or coming loose.***

- To release the PTFE tube, push the collet flush with the fitting and pull the tube out.

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