



Garden Hose helpers



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Summary

Gardena compatible

[Household](#) > [Outdoor & Garden](#)

2025-jun-23

Added 3MF_Female and STL_Female folders

2025-jun-22

Well, the competition's over, and as usual, I won absolutely nothing—BUT I'm carrying on like before, and here's my latest: a hose coupling with a keyhole lock! This is Version 1.00, where the hose still needs to be secured with a hose clamp. You can either use a traditional clamp or print your own (attached, just grab an M4 screw and nut to fasten it).

The keyhole lock requires slight force during insertion due to tight tolerances.

Both the water housing part and the water stopper part have supports that need to be removed with pliers.

2025-may-17

Added GardenaCoupling_2Way

2025-may-18

Replaced GardenaCoupling_3Way 3mf-file

2025-may-19

Updated this description with info about the o-rings

Added folder STL_O-Rings, if you can print flex-filament

See the .3mf files for print settings

Some useful coupling among with plugs etc

Useful O-rings

Inner diameter 11 mm with section 2.5 mm (gives outer diameter 16mm)

Inner diameter 16 mm with section 2.5 mm (gives outer diameter 21mm)

Inner diameter 18 mm with section 2.5 mm (gives outer diameter 23mm)

Inner diameter 18 mm with section 3.5 mm (gives outer diameter 25mm)



I have tested every connector (see the .3mf files) (except the 3-way one) - no leaks!

Model files



3MF_Female

2 files



whousefemalefemale.3mf



whousefemaledeadend.3mf



STL_Female

3 files



whousefemalefemale.stl



whousefemaledeadend.stl



whousekeyholelock.stl



3MF_HoseCoupling

4 files



whousewaterhose.3mf

☐ SizeOf O-Ring is ID 5 mm with 2 mm section and gives OD 9 mm



housewaterstoppergasket.3mf

☐ If you can print using FLEX material



hoseclamp_17mm.3mf

☐ Just an example ... see STL_HoseCoupling for more



hose_repair.3mf

☐ Hose to hose



STL_HoseCoupling

12 files



housewaterhose.stl



housekeyholelock.stl



housewaterstopper.stl

☐ SizeOf O-Ring is ID 5 mm with 2 mm section and gives OD 9 mm



housewaterstoppergasket.stl

☐ If you can print a proper one using FLEX



hose_repair.stl

☐ Hose to hose



hoseclamp_16mm.stl

☐ Requires M4 screw and nut



hoseclamp_17mm.stl

☐ Requires M4 screw and nut



hoseclamp_18mm.stl

☐ Requires M4 screw and nut



hoseclamp_19mm.stl

☐ Requires M4 screw and nut



hoseclamp_20mm.stl

☐ Requires M4 screw and nut



hoseclamp_21mm.stl

☐ Requires M4 screw and nut



hoseclamp_22mm.stl

☐ Requires M4 screw and nut



STL_O-Rings

5 files



o-ring_05020.stl

☐ For the water stopper



o-ring_11025.stl



o-ring_16025.stl



o-ring_18025.stl



o-ring_18035.stl



STL

9 files



adaptor_bathroomfaucet24mmtogardena.stl



adaptor_kitchenfaucet22mmtogardena.stl



bathroomfaucet24mmwithgardenamale.stl



gardena_coupling_male.stl



gardenacoupling_3way.stl



gardenacoupling_2way.stl



kitchenfaucet22mmwithgardenamale.stl



plug_gardena_coupling.stl



plug_gardena_thread_coupling.stl



3MF

7 files



bathroomfaucet24mmwithgardenamale.3mf



gardena_coupling_male.3mf



gardenacoupling_2way.3mf



gardenacoupling_3way.3mf



kitchenfaucet22mmwithgardenamale.3mf



plug_gardena_coupling.3mf



plug_gardena_thread_coupling.3mf

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