



## 90mm PVC PIPE - MAGNETIC DUST COLLECTION FITTING



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updated 23. 12. 2022 | published 23. 12. 2022

### Summary

Magnetic fittings enable instant connection and disconnection of machinery to dust collection systems.

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[magnetic](#) [dust](#) [collection](#) [pvc](#) [fitting](#)

This fitting is designed to work in conjunction with the 90mm FLEXIBLE DUCT connector at this link:

[MAGNETIC DUST COLLECTION FITTING TO SUIT 3" FLEXIBLE DUCTING](#)

The connector matches 90mm PVC stormwater pipe which I use in conjunction with standard 3" (75mm) spiral flex ducting to serve my router and overhead tablesaw blade guard.

Some would prefer the greater flexibility of PETG in this environment, however in my home workshop I've been using these for over a year without any issue.

You will need 10 no. 6mm x 8mm(diameter) magnets for each fitting. The magnets are a firm push fit and should not require any glue - the holes in

the base of each magnet recess will allow removal if necessary for any reason, and there is room to add an extra magnet in each recess if magnetic power reduces over time, or if a stronger connection is required.

I recommend fitting each alternative magnet in opposite poles - that will make disconnection very easy, by simply twisting the pieces until they meet their opposite number!

You can find more connectors and fittings a in other sizes too at the following link:

[DUST COLLECTION FITTINGS.](#)

## Model files



**magnet-to-90pvc.stl**

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