



3" (75MM) FLEXIBLE DUCTING - MAGNETIC DUST COLLECTION FITTING



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Summary

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

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Tags: [90mm](#) [spiral](#) [magnet](#) [flexible](#) [magnetic](#) [dust](#)
[connector](#) [collection](#) [inch](#) [in](#) [three](#) [ducting](#) [fitting](#)
[fitting](#)

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

[MAGNETIC DUST COLLECTION FITTING TO SUIT 90mm PVC](#)

Its clear opening and the thread matches standard 3" (75mm) flexible ducting, which I have found work well with 90mm pvc as a transition into a bigger duct network.

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!

Dust collection ports and fittings in other shapes and sizes can be found at this link:

[DUST COLLECTION FITTINGS.](#)

Model files



magnet-to-spiral.stl

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