



Shop Vac Coupler



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Summary

I accidentally severed my shop vac tube. This coupler mates two pieces of vacuum hose with a simple press fit.



1.01 hrs



1 pcs



0.30 mm



0.40 mm



PLA



21 g



Prusa
MK3/S/S+

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This part mates two pieces of shop vac tubing. I think it's 60mm tubing? Anyway I cut mine with the table saw by accident and wanted something simple to fix it. There's lots of models with magnets, snaps, threads, etc. This is much simpler and easier, no hardware required. I trimmed the ends of the tube clean before inserting. I didn't use glue (the joint rotates) and don't seem to have any leak problems (it's a tight fit). Make sure you insert two of the corrugations on each side for a secure fit. You could use glue for more peace of mind. 0.3mm layer height with PLA, there are internal chamfers so you don't need supports (must be printed in the 3mf's current orientation).

Model files



coupler.3mf

Print files



coupler_pla_mk3s_1h1m.gcode

PLA 0.40 mm 0.30 mm 1.01 hrs 21 g Prusa MK3/S/S+

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