



Ridgid Table Sander Second Dust Port and Shroud

T Tailslide

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Summary

This allows adding a second 2.5 inch dust port onto my Ridgid sander. This better matches the airflow requirements for...

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Tags: [rigid](#) [dustcollector](#)

This allows adding a second 2.5 inch dust port onto my Ridgid sander.

This better matches the airflow requirements for my 4 inch dust collector.

If you see my 4 inch PVC dust collector project I have a splitter to go from 4 inch to two 2.5 inch connectors.

The walls of this are fairly thin so I would print with 90% infill. Put a washer under the nut and on top of the printer part for added strength. The lid can be glued on, then sand the dust port connector piece until it fits into the hole on the shroud. Don't force it or you will crack the wall. After everything is in place I ran a bead of silicone around the joint between the wall and the hose adapter, and also along the bottom of the shroud since the surface of the table is uneven when you have the 90 degree stop attached to the sander underneath. Don't worry if the back part of the

sander belt touched the shroud it will just sand itself flush when you run the sander.

Print Settings

Printer:

FLSUN i3

Rafts:

No

Supports:

No

Resolution:

0.25mm

Infill:

90%

Filament:

Solutech PLA

Real Red

Notes:

Your printer may have trouble printing the hole in the dust shroud wall.. you may want to consider trying using supports in this area or do some sanding work to fix it up after.

Category: Tools

Model files



rigidsander25inchdustshroud-walls.stl



rigidsander25inchdustshroud-dustport.stl



rigidsander25inchdustshroud-lid.stl

[Find source .stl files on Thingiverse.com](https://www.thingiverse.com/thing/1000000)

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