
Subject: How to fix zero wall thickness

Posted by [genekogan](#) on Mon, 23 Jul 2012 23:09:00 GMT

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I am trying to print a mesh which at the moment has zero wall thickness. You can see in the screenshot that the faces are completely planar, like a paper being rolled up. So the STL is not being detected as solid.

I am wondering if someone knows an easy way to convert the mesh to one which has some thickness so that it can be printed. Is there a feature in netfabb or meshlab that converts flat walls into thicker ones? Thanks!!

File Attachments

1) [Screen Shot 2012-07-23 at 7.04.26 PM.png](#), downloaded 61 times

Subject: Re: How to fix zero wall thickness

Posted by [stonysmith](#) on Tue, 24 Jul 2012 00:24:45 GMT

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Try the steps here, or search for the keyword "resampling" in the forums.

http://www.shapeways.com/forum/index.php?t=msg&goto=8163&&srch=resampling#msg_8163

Subject: Re: How to fix zero wall thickness

Posted by [JACANT](#) on Tue, 24 Jul 2012 14:11:34 GMT

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Get your self a copy of Viscam Mesh

<http://www.marcam.de/cms/viscam-mesh.84.en.html> 30 day trial.

Use the offset surface and the smooth triangles command.

<http://www.shapeways.com/model/642018/shell.html>

EDIT. I forgot to mention. Do not start the repair, the program will fill the open hole.

File Attachments

1) [shell.png](#), downloaded 157 times
