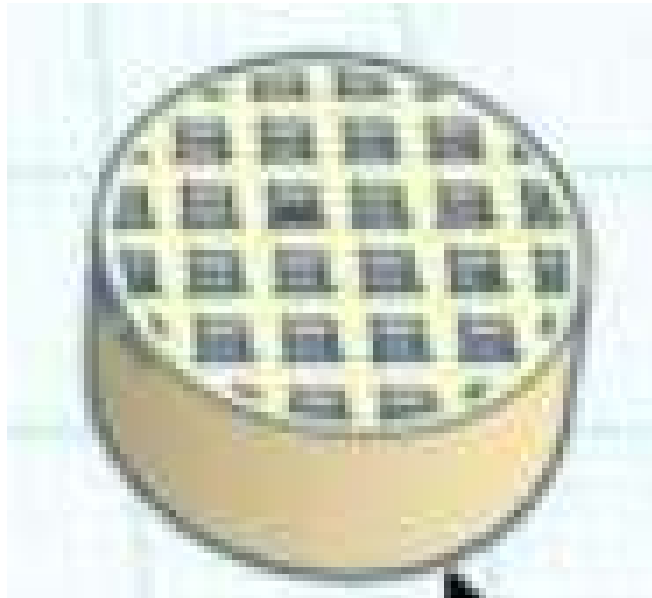





Drain Cover Trim and Tube WorkFlow

Version 1.0



 OXIKIT WORKFLOW	Document # OXIKIT-DC001	Date Effective
	Supersedes Document Version #:	
Document Title Workflow - Drain Cover Trim and Tube		

Change History Log:

VERSION #	REVISION DATE	DESCRIPTION OF CHANGE	
		FROM	TO
1.0	11/27/2020	Original Release	

- I. **Purpose:**
This Workflow is intended to serve as a guide in making the Drain Cover Trim and Drain Cover Tube that are used in the Sieve Canister Assembly..

- II. **Scope:**
This guideline applies to all individuals who wish to build the DIY Oxikit. It includes the Materials, tools and the Video Link needed in assembling the making the Drain Cover Trim and Tube

- III. **Picture:**

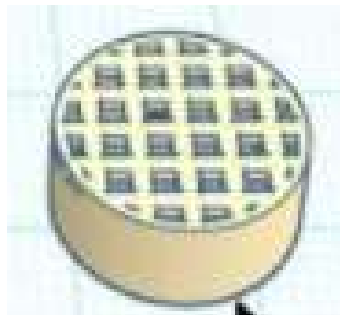



Fig 1.0 (Drain Cover Trim)

 OXIKIT WORKFLOW	Document #	Date Effective
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Document Title <p style="text-align: center;">Workflow - Drain Cover Trim and Tube</p>		

IV. Safety Operating Conditions:

- Always wear protective gloves

V. Workflows

- Please see next page for the step by step guidelines in making the Drain Cover Trim and Tube

Drain Cover Tube WorkFlow

Steps

Process

Material

Tools

YouTube Link

1	Cut off the Lip of the PVC Drain Cover	<table border="1"> <thead> <tr> <th>Name</th> <th>Description</th> <th>Metric Conversion</th> <th>Unit of Measure</th> </tr> </thead> <tbody> <tr> <td>PVC Drain Cover</td> <td>PVC 3 in. Round Snap-In Floor Drain</td> <td>PVC 75mm Round Snap-In Floor Drain</td> <td>Piece</td> </tr> </tbody> </table>	Name	Description	Metric Conversion	Unit of Measure	PVC Drain Cover	PVC 3 in. Round Snap-In Floor Drain	PVC 75mm Round Snap-In Floor Drain	Piece	Tin Snip Cutter	https://www.youtube.com/watch?v=KfMHJBKqypc&list=PL4O1RQEiLpHBJ0i1zqe-CZk1p_NTtGI76&index=4
		Name	Description	Metric Conversion	Unit of Measure							
PVC Drain Cover	PVC 3 in. Round Snap-In Floor Drain	PVC 75mm Round Snap-In Floor Drain	Piece									

2	Smooth the newly cut Lip of the PVC Drain Cover	<table border="1"> <thead> <tr> <th>Name</th> <th>Description</th> <th>Metric Conversion</th> <th>Unit of Measure</th> </tr> </thead> <tbody> <tr> <td>PVC Drain Cover</td> <td>PVC 3 in. Round Snap-In Floor Drain</td> <td>PVC 75mm Round Snap-In Floor Drain</td> <td>Piece</td> </tr> </tbody> </table>	Name	Description	Metric Conversion	Unit of Measure	PVC Drain Cover	PVC 3 in. Round Snap-In Floor Drain	PVC 75mm Round Snap-In Floor Drain	Piece	Belt Sander Machine	https://www.youtube.com/watch?v=KfMHJBKqypc&list=PL4O1RQEiLpHBJ0i1zqe-CZk1p_NTtGI76&index=4
		Name	Description	Metric Conversion	Unit of Measure							
PVC Drain Cover	PVC 3 in. Round Snap-In Floor Drain	PVC 75mm Round Snap-In Floor Drain	Piece									

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3	Measure 1" height of the PVC Drain Cover	<table border="1"> <thead> <tr> <th>Name</th> <th>Description</th> <th>Metric Conversion</th> <th>Unit of Measure</th> </tr> </thead> <tbody> <tr> <td>PVC Drain Cover</td> <td>PVC 3 in. Round Snap-In Floor Drain</td> <td>PVC 75mm Round Snap-In Floor Drain</td> <td>Piece</td> </tr> </tbody> </table>	Name	Description	Metric Conversion	Unit of Measure	PVC Drain Cover	PVC 3 in. Round Snap-In Floor Drain	PVC 75mm Round Snap-In Floor Drain	Piece	<ul style="list-style-type: none"> • Caliper • 	https://www.youtube.com/watch?v=KfMHJBKqypc&list=PL4O1RQEiLpHBJ0i1zqe-CZk1p_NTtGI76&index=4
		Name	Description	Metric Conversion	Unit of Measure							
PVC Drain Cover	PVC 3 in. Round Snap-In Floor Drain	PVC 75mm Round Snap-In Floor Drain	Piece									

4	Label 1" height of the PVC Drain Cover	<table border="1"> <thead> <tr> <th>Name</th> <th>Description</th> <th>Metric Conversion</th> <th>Unit of Measure</th> </tr> </thead> <tbody> <tr> <td>PVC Drain Cover</td> <td>PVC 3 in. Round Snap-In Floor Drain</td> <td>PVC 75mm Round Snap-In Floor Drain</td> <td>Piece</td> </tr> </tbody> </table>	Name	Description	Metric Conversion	Unit of Measure	PVC Drain Cover	PVC 3 in. Round Snap-In Floor Drain	PVC 75mm Round Snap-In Floor Drain	Piece	<p>Caliper Sharpie/ Marker</p>	https://www.youtube.com/watch?v=KfMHJBKqypc&list=PL4O1RQEiLpHBJ0i1zqe-CZk1p_NTtGI76&index=4
		Name	Description	Metric Conversion	Unit of Measure							
PVC Drain Cover	PVC 3 in. Round Snap-In Floor Drain	PVC 75mm Round Snap-In Floor Drain	Piece									

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5	Trim the PVC Drain Cover as per labelled in step 3	<table border="1"> <thead> <tr> <th>Name</th> <th>Description</th> <th>Metric Conversion</th> <th>Unit of Measure</th> </tr> </thead> <tbody> <tr> <td>PVC Drain Cover</td> <td>PVC 3 in. Round Snap-In Floor Drain</td> <td>PVC 75mm Round Snap-In Floor Drain</td> <td>Piece</td> </tr> </tbody> </table>				Name	Description	Metric Conversion	Unit of Measure	PVC Drain Cover	PVC 3 in. Round Snap-In Floor Drain	PVC 75mm Round Snap-In Floor Drain	Piece	<ul style="list-style-type: none"> Tin Snip Cutter 	https://www.youtube.com/watch?v=KfMHJBKqypc&list=PL4O1RQeILpHBJ0i1zqe-CZk1p_NTtGI76&index=4
		Name	Description	Metric Conversion	Unit of Measure										
		PVC Drain Cover	PVC 3 in. Round Snap-In Floor Drain	PVC 75mm Round Snap-In Floor Drain	Piece										

6	Smooth the bottom part of the newly trimmed PVC Drain Cover	<table border="1"> <thead> <tr> <th>Name</th> <th>Description</th> <th>Metric Conversion</th> <th>Unit of Measure</th> </tr> </thead> <tbody> <tr> <td>PVC Drain Cover</td> <td>PVC 3 in. Round Snap-In Floor Drain</td> <td>PVC 75mm Round Snap-In Floor Drain</td> <td>Piece</td> </tr> </tbody> </table>				Name	Description	Metric Conversion	Unit of Measure	PVC Drain Cover	PVC 3 in. Round Snap-In Floor Drain	PVC 75mm Round Snap-In Floor Drain	Piece	Belt Sander Machine	https://www.youtube.com/watch?v=KfMHJBKqypc&list=PL4O1RQeILpHBJ0i1zqe-CZk1p_NTtGI76&index=4
		Name	Description	Metric Conversion	Unit of Measure										
		PVC Drain Cover	PVC 3 in. Round Snap-In Floor Drain	PVC 75mm Round Snap-In Floor Drain	Piece										

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7	Smooth the sides and edges of the PVC Drain Cover	<table border="1"> <thead> <tr> <th>Name</th> <th>Description</th> <th>Metric Conversion</th> <th>Unit of Measure</th> </tr> </thead> <tbody> <tr> <td>PVC Drain Cover</td> <td>PVC 3 in. Round Snap-In Floor Drain</td> <td>PVC 75mm Round Snap-In Floor Drain</td> <td>Piece</td> </tr> </tbody> </table>	Name	Description	Metric Conversion	Unit of Measure	PVC Drain Cover	PVC 3 in. Round Snap-In Floor Drain	PVC 75mm Round Snap-In Floor Drain	Piece	<ul style="list-style-type: none"> Belt Sander Machine 	https://www.youtube.com/watch?v=KfMHJBKqypc&list=PL4O1RQEiLpHBJ0i1zqe-CZk1p_NTtGI76&index=4
		Name	Description	Metric Conversion	Unit of Measure							
PVC Drain Cover	PVC 3 in. Round Snap-In Floor Drain	PVC 75mm Round Snap-In Floor Drain	Piece									

8	Inspect if the PVC Drain Cover - Trimmed will fit inside the PVC Male Adaptor Socket. If it won't fit, Sand and Trim the PVC Drain Cover again	<table border="1"> <thead> <tr> <th>Name</th> <th>Description</th> <th>Metric Conversion</th> <th>Unit of Measure</th> </tr> </thead> <tbody> <tr> <td>PVC Drain Cover</td> <td>PVC 3 in. Round Snap-In Floor Drain</td> <td>PVC 75mm Round Snap-In Floor Drain</td> <td>Piece</td> </tr> <tr> <td>PVC Male Adapter Socket</td> <td>3" Schedule 40 PVC Male Adapter - MIPT x Socket</td> <td>75mm Schedule 40 PVC Male Adapter - MIPT x Socket</td> <td>Piece</td> </tr> </tbody> </table>	Name	Description	Metric Conversion	Unit of Measure	PVC Drain Cover	PVC 3 in. Round Snap-In Floor Drain	PVC 75mm Round Snap-In Floor Drain	Piece	PVC Male Adapter Socket	3" Schedule 40 PVC Male Adapter - MIPT x Socket	75mm Schedule 40 PVC Male Adapter - MIPT x Socket	Piece		https://www.youtube.com/watch?v=KfMHJBKqypc&list=PL4O1RQEiLpHBJ0i1zqe-CZk1p_NTtGI76&index=4
		Name	Description	Metric Conversion	Unit of Measure											
PVC Drain Cover	PVC 3 in. Round Snap-In Floor Drain	PVC 75mm Round Snap-In Floor Drain	Piece													
PVC Male Adapter Socket	3" Schedule 40 PVC Male Adapter - MIPT x Socket	75mm Schedule 40 PVC Male Adapter - MIPT x Socket	Piece													

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9	Inspect if the Non- Woven Fiber Filter will fit with the PVC Drain Cover - Trimmed into the PVC Male Adaptor Socket. Ensure it has enough space for Drain Cover to shift and move.	Name		Description	Metric Conversion	Unit of Measure	•	https://www.youtube.com/watch?v=KfMHJBKqypc&list=PL4O1RQeILpHBJ0i1zqe-CZk1p_NTtGI76&index=4
		PVC Drain Cover	PVC 3 in. Round Snap-In Floor Drain	PVC 75mm Round Snap-In Floor Drain	Piece			
		PVC Male Adapter Socket	3" Schedule 40 PVC Male Adapter - MIPT x Socket	75mm Schedule 40 PVC Male Adapter - MIPT x Socket	Piece			
		Non Woven Fiber Filter	4" Diameter Non Woven Fiber Filter	101 mm Diameter Non Woven Fiber Filter	Piece			

10	If it won't fit, Cut and trim the non-woven Filter again	Name		Description	Metric Conversion	Unit of Measure	Scissors/ Cutter	https://www.youtube.com/watch?v=KfMHJBKqypc&list=PL4O1RQeILpHBJ0i1zqe-CZk1p_NTtGI76&index=4
		Non Woven Fiber Filter	4" Diameter Non Woven Fiber Filter	101 mm Diameter Non Woven Fiber Filter	Piece			

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11	Trace and Label the PVC Drain Cover into the Stainless Steel Woven Wire	Name	Description	Metric Conversion	Unit of Measure	• Sharpie/Marker	https://www.youtube.com/watch?v=KfMHJBKqypc&list=PL4O1RQEIHpHBJ0i1zqe-CZk1p_NTtGI76&index=4
		Stainless Steel Woven Wire	304 Stainless Steel Woven Wire 80 Mesh 0.18mm Hole	304 Stainless Steel Woven Wire 80 Mesh 0.18mm Hole	Piece		

12	Cut the Labelled Circle in step 11	Name	Description	Metric Conversion	Unit of Measure	Scissors/Cutter	https://www.youtube.com/watch?v=KfMHJBKqypc&list=PL4O1RQEIHpHBJ0i1zqe-CZk1p_NTtGI76&index=4
		Stainless Steel Woven Wire	304 Stainless Steel Woven Wire 80 Mesh 0.18mm Hole	304 Stainless Steel Woven Wire 80 Mesh 0.18mm Hole	Piece		

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13	Place the Stainless Steel Woven Wire on top of the PVC Drain Cover	Name	Description	Metric Conversion	Unit of Measure		https://www.youtube.com/watch?v=KfMHJBKqypc&list=PL4O1RQeILpHBJ0i1zqe-CZk1p_NTtGI76&index=4
		Stainless Steel Woven Wire	304 Stainless Steel Woven Wire 80 Mesh 0.18mm Hole	304 Stainless Steel Woven Wire 80 Mesh 0.18mm Hole	Piece		
		PVC Drain Cover	PVC 3 in. Round Snap-In Floor Drain	PVC 75mm Round Snap-In Floor Drain	Piece		

14	Glue the Stainless Steel Woven Wire and the PVC Drain Cover together. Place a little dab of super glue (every half inch) on the sides of the Stainless Steel Woven Wire	Name	Description	Metric Conversion	Unit of Measure		https://www.youtube.com/watch?v=KfMHJBKqypc&list=PL4O1RQeILpHBJ0i1zqe-CZk1p_NTtGI76&index=4
		Super Glue	Super Glue	Super Glue	piece		
		Stainless Steel Woven Wire	304 Stainless Steel Woven Wire 80 Mesh 0.18mm Hole	304 Stainless Steel Woven Wire 80 Mesh 0.18mm Hole	Piece		

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15	Push the Stainless Steel Woven Wire into the PVC Round Snap-in Floor	<table border="1"> <thead> <tr> <th>Name</th> <th>Description</th> <th>Metric Conversion</th> <th>Unit of Measure</th> </tr> </thead> <tbody> <tr> <td>Super Glue</td> <td>Super Glue</td> <td>Super Glue</td> <td>piece</td> </tr> <tr> <td>Stainless Steel Woven Wire</td> <td>304 Stainless Steel Woven Wire 80 Mesh 0.18mm Hole</td> <td>304 Stainless Steel Woven Wire 80 Mesh 0.18mm Hole</td> <td>Piece</td> </tr> </tbody> </table>	Name	Description	Metric Conversion	Unit of Measure	Super Glue	Super Glue	Super Glue	piece	Stainless Steel Woven Wire	304 Stainless Steel Woven Wire 80 Mesh 0.18mm Hole	304 Stainless Steel Woven Wire 80 Mesh 0.18mm Hole	Piece	<ul style="list-style-type: none"> Screwdriver 	https://www.youtube.com/watch?v=KfMHJBKqypc&list=PL4O1RQEiLpHBJ0i1zqe-CZk1p_NTtGI76&index=4
		Name	Description	Metric Conversion	Unit of Measure											
		Super Glue	Super Glue	Super Glue	piece											
		Stainless Steel Woven Wire	304 Stainless Steel Woven Wire 80 Mesh 0.18mm Hole	304 Stainless Steel Woven Wire 80 Mesh 0.18mm Hole	Piece											

16	Let it Dry	<table border="1"> <thead> <tr> <th>Name</th> <th>Description</th> <th>Metric Conversion</th> <th>Unit of Measure</th> </tr> </thead> <tbody> <tr> <td>Super Glue</td> <td>Super Glue</td> <td>Super Glue</td> <td>piece</td> </tr> <tr> <td>Stainless Steel Woven Wire</td> <td>304 Stainless Steel Woven Wire 80 Mesh 0.18mm Hole</td> <td>304 Stainless Steel Woven Wire 80 Mesh 0.18mm Hole</td> <td>Piece</td> </tr> </tbody> </table>	Name	Description	Metric Conversion	Unit of Measure	Super Glue	Super Glue	Super Glue	piece	Stainless Steel Woven Wire	304 Stainless Steel Woven Wire 80 Mesh 0.18mm Hole	304 Stainless Steel Woven Wire 80 Mesh 0.18mm Hole	Piece		https://www.youtube.com/watch?v=KfMHJBKqypc&list=PL4O1RQEiLpHBJ0i1zqe-CZk1p_NTtGI76&index=4
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		Super Glue	Super Glue	Super Glue	piece											
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17	Get another PVC Drain Cover	<table border="1"> <thead> <tr> <th>Name</th> <th>Description</th> <th>Metric Conversion</th> <th>Unit of Measure</th> </tr> </thead> <tbody> <tr> <td>PVC Drain Cover</td> <td>PVC 3 in. Round Snap-In Floor Drain</td> <td>PVC 75mm Round Snap-In Floor Drain</td> <td>Piece</td> </tr> </tbody> </table>	Name	Description	Metric Conversion	Unit of Measure	PVC Drain Cover	PVC 3 in. Round Snap-In Floor Drain	PVC 75mm Round Snap-In Floor Drain	Piece	•	
		Name	Description	Metric Conversion	Unit of Measure							
		PVC Drain Cover	PVC 3 in. Round Snap-In Floor Drain	PVC 75mm Round Snap-In Floor Drain	Piece							

18	Measure 14.5 mm from the opposite end of the PVC Drain Cover	<table border="1"> <thead> <tr> <th>Name</th> <th>Description</th> <th>Metric Conversion</th> <th>Unit of Measure</th> </tr> </thead> <tbody> <tr> <td>PVC Drain Cover</td> <td>PVC 3 in. Round Snap-In Floor Drain</td> <td>PVC 75mm Round Snap-In Floor Drain</td> <td>Piece</td> </tr> </tbody> </table>	Name	Description	Metric Conversion	Unit of Measure	PVC Drain Cover	PVC 3 in. Round Snap-In Floor Drain	PVC 75mm Round Snap-In Floor Drain	Piece	Caliper	
		Name	Description	Metric Conversion	Unit of Measure							
		PVC Drain Cover	PVC 3 in. Round Snap-In Floor Drain	PVC 75mm Round Snap-In Floor Drain	Piece							

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19	Label the 14.5mm height of the PVC Drain Cover	Name		Description	Metric Conversion	Unit of Measure	• Caliper	
		PVC Drain Cover	PVC 3 in. Round Snap-In Floor Drain	PVC 75mm Round Snap-In Floor Drain	Piece			

20	Cut and trim the labelled PVC to form a tube	Name		Description	Metric Conversion	Unit of Measure	Tin Snip Cutter	
		PVC Drain Cover	PVC 3 in. Round Snap-In Floor Drain	PVC 75mm Round Snap-In Floor Drain	Piece			

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Tools

YouTube Link

21	Sand and smooth the newly cut tube	<table border="1"><thead><tr><th>Name</th><th>Description</th><th>Metric Conversion</th><th>Unit of Measure</th></tr></thead><tbody><tr><td>Drain Cover Tube</td><td>0.6" long PVC Round Snap in Floor Drain</td><td>14 1/2 mm long PVC Round Snap in Floor Drain</td><td>Piece</td></tr></tbody></table>	Name	Description	Metric Conversion	Unit of Measure	Drain Cover Tube	0.6" long PVC Round Snap in Floor Drain	14 1/2 mm long PVC Round Snap in Floor Drain	Piece	• Belt Sander Machine	
		Name	Description	Metric Conversion	Unit of Measure							
		Drain Cover Tube	0.6" long PVC Round Snap in Floor Drain	14 1/2 mm long PVC Round Snap in Floor Drain	Piece							