DIY Face Mask

Size: Medium
Part #: MF001-P0M2

- Rubber Bands
- 100% Cotton Sheet
- Air Filter
- 3D Printed Frame

Front View

Side View

GE Additive
GE COMMUNITY FACE MASK COLLECTION PN4212AS0294-0-AM AND ALL LATER REVISIONS
USER INSTRUCTIONS FOR SANITIZATION, RE-USE AND REPLACEMENT OF MATERIALS

1. MATERIALS NEEDED – NOTE THAT KITTED FACE MASK CLOTH MATERIAL AND STRAPS MAY BE RE-USED/REPLACED
   a. (6) RUBBER BANDS OR ELASTIC STRAPS TO ATTACH MASK TO FACE
   b. (1) BANDANA OR 20 INCH x 20 INCH PIECE OF CLOTH
   c. (1) OPTIONAL FILTER MATERIAL (COFFEE FILTER OR OTHER)
   d. (2) OPTIONAL SAFETY PINS

2. LINK 3 RUBBER BANDS TOGETHER AND ATTACH TO MASK FRAME
   #33 RUBBER BANDS – 3.5 INCH X 1/8"
   LINK 2 RUBBER BANDS
   REPEAT TO ADD 3RD
   THREAD THRU MASK FRAME TOP HOLE
   THREAD RUBBER BANDS THROUGH LOOP
   REPEAT FOR BOTTOM HOLE ON SAME SIDE

3. CLOTH OPTION 1: NO DISPOSABLE FILTER MATERIAL
   FOLD IN HALF
   FOLD LEFT/RIGHT CORNERS TO MIDDLE
   FOLD BOTTOM CORNER TO TOP
   ORIENT FACE MASK WITH STRAPS ON RIGHT IF RIGHT HANDED, LEFT IF LEFT HANDED. SAFETY PINS ARE OPTIONAL
   FABRIC MAY FOLD BUT SHOULD EXTEND BEYOND MASK FRAME ON ALL SIDES
4. **CLOTH OPTION 2: DISPOSABLE FILTER MATERIAL**

- **CUT FABRIC IN HALF AND PLACE FILTER MATERIAL IN MIDDLE TOWARD LEFT EDGE**
- **FOLD OVER FILTER MATERIAL AND ROTATE SO FILTER MATERIAL IS AT TOP**

5. **SANITIZATION OF GE MASK/FILTER MATERIALS BASED ON CDC GENERAL RECOMMENDATIONS FOR CLEANING AND DISINFECTION OF HOUSEHOLDS WITH PEOPLE ISOLATED IN HOME CARE**

- **A. LAUNDER YOUR MASK DAILY.**
- **B. TRANSPORT THE MASK HOME IN A CLOSED CONTAINER, SUCH AS A DISPOSABLE BAG OR A RE-USEABLE CONTAINER YOU CAN CLEAN.**
- **C. KEEP THE MASK IN THE CONTAINER UNTIL YOU ARE READY TO LAUNDER IT. KEEP IT OUT OF THE REACH OF OTHERS PRIOR TO LAUNDERING.**
- **D. DISPOSE OF ANY FILTER MATERIAL PRIOR TO LAUNDERING**
- **E. WASH CONTAINER, MASK FRAME, AND RUBBER BANDS WITH SOAP AND HOT WATER OR IN A DISHWASHER**
- **F. LAUNDER CLOTH MATERIAL USING HIGHEST WASH/DRY TEMPERATURES ITEM WILL TOLERATE. CLOTH MATERIAL MAY SHRINK.**
- **G. USE LAUNDRY DETERGENT MANUFACTURERS RECOMMENDED AMOUNTS. BLEACH IS NOT NECESSARY**
- **H. IF CLOTH MATERIAL OF MASK DOES NOT EXTEND AT LEAST 1 HALF INCH BEYOND MASK FRAME AFTER LAUNDERING, DISPOSE OF CLOTH MATERIAL AND REPLACE**
<table>
<thead>
<tr>
<th>Filter Materials</th>
<th>Potential Filtration Performance</th>
<th>Potential sources</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>HVAC Filter (Merv 12 or higher; microparticle performance rating of 1900 or higher)</td>
<td>Higher</td>
<td>Commercially available Furnace Filters</td>
<td>Only filters without fiberglass should be used. Must be used as filter material only between fabric or layered with fabric barrier to avoid. 1 to 2 layers may provide increased filtration efficiency but should allow for breathing without restriction</td>
</tr>
<tr>
<td>Surgical Wrap (Haylard H600 or other)</td>
<td>Higher</td>
<td></td>
<td>1 to 2 layers may provide increased filtration efficiency but should allow for breathing without restriction</td>
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<tr>
<td>Vacuum Cleaner Bag (HEPA)</td>
<td>Higher</td>
<td></td>
<td>1 to 2 layers may provide increased filtration efficiency but should allow for breathing without restriction</td>
</tr>
<tr>
<td>HVAC Filter</td>
<td>Higher</td>
<td></td>
<td>Only filters without fiberglass may be used. Must be used as filter material only between fabric mask. May require 2 to 6 layers may provide increased filtration efficiency but should allow for breathing without restriction</td>
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<tr>
<td>Polypropylene fabric</td>
<td>Medium/Higher</td>
<td>polypropylene safety suits, reusable grocery bags, some garment bags</td>
<td>Multiple layers may provide increased filtration efficiency but should allow for breathing without restriction</td>
</tr>
<tr>
<td>Vacuum Cleaner Bag</td>
<td>Medium/Higher</td>
<td></td>
<td>Multiple layers may provide increased filtration efficiency but should allow for breathing without restriction</td>
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<tr>
<td>100% Cotton</td>
<td>Medium</td>
<td>T-Shirt, Pillow Cases, Linens, dish towels</td>
<td>High thread count and thicker materials performs best. Multiple layers may provide increased filtration efficiency but should allow for breathing without restriction</td>
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<tr>
<td>Cotton mix</td>
<td>Medium</td>
<td>T-Shirt, Pillow Cases, Linens, dish towels</td>
<td>High thread count and thicker materials performs best. Multiple layers may provide increased filtration efficiency but should allow for breathing without restriction</td>
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<tr>
<td>Coffee Filters</td>
<td>Medium</td>
<td></td>
<td>2 to 3 layers may provide increased filtration efficiency but should allow for breathing without restriction</td>
</tr>
<tr>
<td>Blue Shop towels</td>
<td>Medium</td>
<td></td>
<td>2 to 3 layers may provide increased filtration efficiency but should allow for breathing without restriction</td>
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<tr>
<td>Bandana</td>
<td>Lower</td>
<td></td>
<td>4 or more layers may provide increased filtration efficiency but should allow for breathing without restriction</td>
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