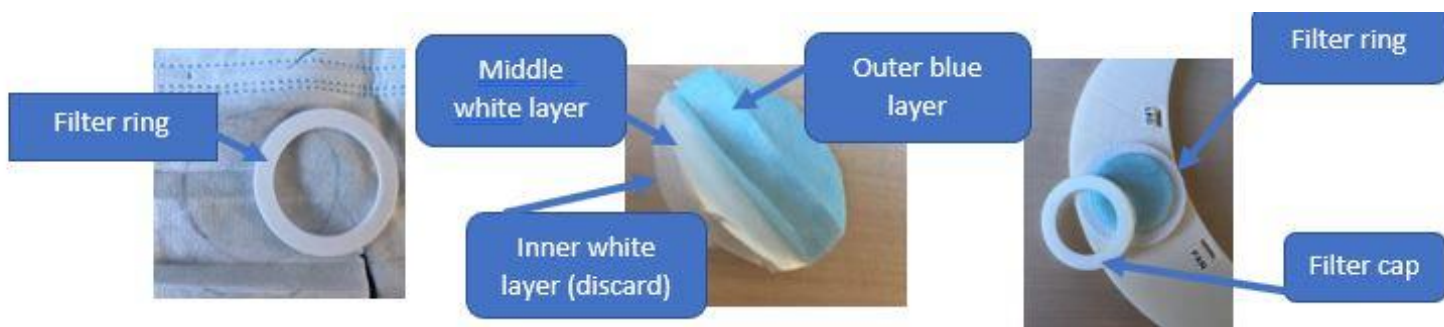


- The filter is there to prevent aerosol and other particles (such as dust) from above the visor being sucked in by the fan and pushed towards the eyes. If you have used the top two layers of the Level 3 mask, then the water impermeable barrier and microbial filter will prevent contamination and physical damage to your eyes. The shield with filter provides much more protection than normal eye protection such as safety spectacles.
- Your local dental or medical supplier and pharmacy will be able to sell you Level 3 masks. In the future, we are hoping to sell ready to use filters.
- For extra filter rings and filter caps, please contact us at admin@orangedot.com.au
- To make extra filters, cut a face mask (ideally a Level 3 face mask- see frequently asked questions) using the filter ring as a template. Most face masks have three layers. The top blue layer is a moisture barrier. The middle white layer is to prevent microbial penetration. The lower white layer is for moisture absorption and comfort for the wearer. Obviously, the mask is not being worn, so discard the inner layer. This will also allow better air flow through the shield. The blue outer layer sits on top of the air inlet hole, as shown below.



- If you are unable to obtain a Level 3 surgical face mask, a Level 1 or 2 will still provide you with good protection. See below

<p>ASTM LEVEL 3</p> <p>High Fluid Resistance 160 mmHg Filtration Efficiency BFE ≥ 98% PFE ≥ 98% @ 0.1 micron Breathability - Delta P < 5.0 mm H₂O/cm² Flame Spread Class 1</p>	<p>LEVEL 3</p>	<p>Ideal for procedures where heavy to moderate amounts of fluid, spray and/or aerosols are produced.</p> <p>Meets EN14683 Rating – Type IIR Standard.</p> <p> Pictured: Ultra™ Sensitive Earloop with SecureFR® Technology</p>	
<p>ASTM LEVEL 2</p> <p>Moderate Fluid Resistance 120 mmHg Filtration Efficiency BFE ≥ 98% PFE ≥ 98% @ 0.1 micron Breathability - Delta P < 5.0 mm H₂O/cm² Flame Spread Class 1</p>	<p>LEVEL 2</p>	<p>Ideal for procedures where moderate to light amounts of fluid, spray and/or aerosols are produced.</p> <p>Meets EN14683 Rating – Type IIR Standard.</p> <p> Pictured: Procedural Earloop with SecureFR® Technology</p>	
<p>ASTM LEVEL 1</p> <p>Low Fluid Resistance 80 mmHg Filtration Efficiency BFE ≥ 95% PFE ≥ 95% @ 0.1 micron Breathability - Delta P < 4.0 mm H₂O/cm² Flame Spread Class 1</p>	<p>LEVEL 1</p>	<p>Ideal for procedures where low amounts of fluid, spray and/or aerosols are produced.</p> <p>Meets EN14683 Rating – Type II Standard.</p> <p> Pictured: Isofluid® Earloop with SecureFR® Technology</p>	