DO THE NEW MASK STANDARDS LEAVE YOU EXPOSED?
PROTECTING YOU AND YOUR STAFF

THE FACTS:

- Studies show fluid strikes the face area of OR staff on average 45–51% of the time\(^1\)

- 45% of masks used in Australia are not fluid resistant\(^2\)

- Surgeons are particularly at risk, with 90% not aware that they’ve been splashed\(^1\)

As little as 1 millilitre of blood can contain virus counts ranging from:

- HIV: 10–1,000
- HEPATITIS C: 1 Million
- HEPATITIS B: 1 Million–10 Trillion

1 millilitre of blood = 1/5 of a teaspoon
AS 4381:2015 is the new standard for Single-Use Face Masks.

**NEW STANDARD AS 4381:2015  (RED INDICATES CHANGE)**

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<th>CHARACTERISTICS</th>
<th>LEVEL 1</th>
<th>LEVEL 2</th>
<th>LEVEL 3</th>
<th>TEST METHOD</th>
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<td><strong>TEST METHOD</strong></td>
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<td><strong>APPLICATIONS:</strong></td>
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**Bacterial Filtration Efficiency (BFE) %**

- Level 1: ≥ 95%
- Level 2: ≥ 98%
- Level 3: ≥ 98%

**Particulate Filtration Efficiency (PFE) % (0.1 µm)**

- Not Required
- Not Required
- Not Required

**Differential Pressure (ΔP) mm Hg/cm²**

- Level 1: < 4.0
- Level 2: < 5.0
- Level 3: < 5.0

**Resistance to penetration by synthetic blood (fluid resistance)**

- Level 1: 80mm Hg
- Level 2: 120mm Hg
- Level 3: 160mm Hg

**KEY CHANGES:**

- Masks are now rated into three levels of protection: Level 1, Level 2 and Level 3
- Masks are required to meet minimum fluid resistance: 80, 120 and 160mm Hg
- The standard suggests mask protection levels for procedures and departments (refer Applications in the Standard above)
- PFE is no longer required to meet the standard. This is now under the separate Respirator Standard (AS/NZS1715)
- All testing required to meet the standard has been aligned with equivalent test methods used in American Standards (ASTM F2100-11) and European Norms (EN14683)
YOU, YOUR STAFF AND YOUR PATIENTS NEED THE RIGHT FACIAL PROTECTION

Halyard face masks give you the confidence that you and your patients are protected.

✓ All HALYARD* FLUIDSHIELD* Masks meet the new Australian Standard AS 4381:2015.

✓ FLUIDSHIELD* Masks are available in Level 1, Level 2 and Level 3.

✓ The level of protection is clearly labelled on the mask nose piece and on the box, so you and your staff can easily identify the right mask for each task.
Halyard is the leader in facial protection, offering a full range of AS 4381 rated fluid resistant masks.

Our masks are designed to provide superior protection and comfort.

**FLUIDSHIELD®**
Orange outer layer

**Breathable Inner Layer**
For protection

**POWERGUARD® Filter**
This patented technology is designed to capture and trap microbes

**SO SOFT® Inner Lining**
Soft and silky lining for protection and comfort
DO YOU COMPLY WITH THE NEW MASK STANDARD?

For more information about the new mask standard, or to speak to a Halyard representative about an audit or mask samples, contact: Customer Service
Australia: 1800 101 021
New Zealand: 0800 482 211

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<tr>
<th>LEVEL 1</th>
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<tr>
<td>CODE: 28802 Surgical Mask, SO SOFT*, Blue</td>
<td>CODE: 39123 Surgical Mask, SO SOFT*, Expanded Chamber, with Ties</td>
<td>CODE: 28804 Fog-Free Procedure Mask, SO SOFT*, Wraparound Visor</td>
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<tr>
<td>CODE: 48249 Surgical Mask, SO SOFT*, Wraparound Visor, with Ties</td>
<td>CODE: 48297 Care Bear Surgical Mask, SO SOFT*, with Ties</td>
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