



FACIAL PROTECTION  
CATALOGUE

AUSTRALIA & NEW  
ZEALAND



# HALYARD, YOUR PARTNER IN COMPLIANCE TO THE MASK STANDARD

## AS 4381:2015 IS THE STANDARD FOR SINGLE-USE FACE MASKS

Studies show that fluid strikes the face area of OR staff an average 45–51% of the time.<sup>1</sup> Surgeons are particularly at risk, with 90% not aware they've been splashed.<sup>2</sup>

This puts you, your staff and your patients at considerable risk.

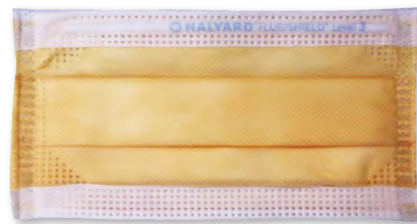
NEW STANDARD AS 4381:2015 (RED INDICATES CHANGE)

CHARACTERISTICS	LEVEL 1 <b>1</b>	LEVEL 2 <b>2</b>	LEVEL 3 <b>3</b>	TEST METHOD
	Level 1 barrier medical face mask materials are evaluated for resistance to penetration by synthetic blood at the minimum velocity specified in Table 2, bacterial filtration efficiency and differential pressure. <b>APPLICATIONS:</b> For general purpose medical procedures, where the wearer is not at risk of blood or bodily fluid splash or to protect staff and/or the patient from droplet exposure to microorganisms (e.g. patient with upper respiratory tract infection visits GP)	Level 2 barrier medical face mask materials are evaluated for resistance to penetration by synthetic blood at the middle velocity specified in Table 2, bacterial filtration efficiency and differential pressure. <b>APPLICATIONS:</b> For use in emergency departments, dentistry, changing dressings on small or healing wounds where minimal blood droplet exposure may possibly occur (e.g. endoscopy procedures)	Level 3 barrier medical face mask materials are evaluated for resistance to penetration by synthetic blood at the maximum velocity specified in Table 2, bacterial filtration efficiency and differential pressure. <b>APPLICATIONS:</b> For all surgical procedures, major trauma first aid or in any area where the health care worker is at risk of blood or bodily fluid splash (e.g. orthopaedic, cardiovascular procedures)	
Bacterial Filtration Efficiency (BFE) %	≥ 95%	≥ 98%	≥ 98%	ASTM F2101-14 or EN 14683:2014
Particulate Filtration Efficiency (PFE) % (0.1 µm)	Not Required	Not Required	Not Required	N/A
Differential Pressure (Delta P) mm H <sub>2</sub> O/cm <sup>2</sup>	< 4.0	< 5.0	< 5.0	EN 14683:2014
Resistance to penetration by synthetic blood (fluid resistance) min pressure in mm Hg for pass result	80mm Hg	120mm Hg	160mm Hg	ASTM F1862 / F1862M-13 or ISO 22669

## YOU, YOUR STAFF AND YOUR PATIENTS NEED THE RIGHT FACIAL PROTECTION

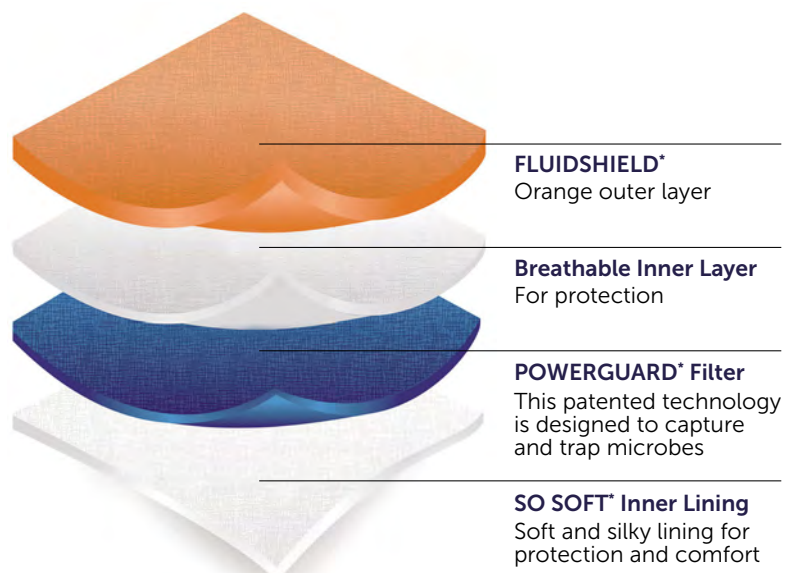
Halyard face masks give you the confidence that you and your patients are protected.

- ✓ 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.



## SUPERIOR PROTECTION NEVER FELT SO GOOD

FLUIDSHIELD\* masks not only provide superior cover, with four layers of barrier protection; they also feature an inner SO SOFT\* lining to deliver the critical balance between protection and clinician comfort.

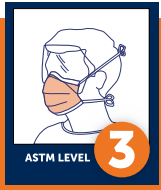


1. & 2. CG Davies et al, Ann R Coll Surg Engl 2007 89(8): 770–772; S Endo et al, Jour Hospital Infection 2007 (67) 1: 56–61; DC Berridge et al, Br J Surg 1993 80 (11): 1379–80.

# FACIAL PROTECTION

For the highest levels of protection, make sure you choose HALYARD\* Face Masks and Eyewear.

## NIOSH APPROVED N95 RESPIRATOR FACE MASKS



- Provides fluid resistance at 160mm Hg
- Tested against 7 chemotherapy drugs
- The highest level of protection available
- Recommended for Laser Procedures



46727

Code	Description	Packaging
46727	FLUIDSHIELD* Level 3 N95 Particulate Filter Respirator and Surgical Mask, Pouch-Style with Headbands, Regular Size, Orange	Eaches/Box = 35 Boxes/Case = 6 Eaches/Case = 210
46827	FLUIDSHIELD* Level 3 N95 Particulate Filter Respirator and Surgical Mask, Pouch-Style with Headbands, Small Size, Orange	Eaches/Box = 35 Boxes/Case = 6 Eaches/Case = 210



## FLUIDSHIELD\* FACE MASKS

- Provides fluid resistance at 160mm Hg
- Level 3 printed on mask nose piece and box
- Four layers of fluid resistance and bacterial challenge
- Superior comfort without compromising your protection, with SO SOFT\* inner lining
- Setting a new benchmark with POWERGUARD\* protection



28797



28800



28804



47107



47147



48207



48247



48297

Code	Description	Packaging
28797	FLUIDSHIELD* Level 3 Fog-Free Procedure Mask with SO SOFT* Ear Loops	Eaches/Box = 40 Boxes/Case = 10 Eaches/Case = 400
28800	FLUIDSHIELD* Level 3 Fog-Free Procedure Mask with Wraparound Visor and SO SOFT* Lining and SO SOFT* Ear Loops	Eaches/Box = 25 Boxes/Case = 4 Eaches/Case = 100
28804	FLUIDSHIELD* Level 3 Fog-Free Surgical Mask with Wraparound Visor and SO SOFT* Lining	Eaches/Box = 25 Boxes/Case = 4 Eaches/Case = 100
47107	FLUIDSHIELD* Level 3 Fog-Free Procedure Mask, Pleat-Style with SO SOFT* Ear Loops, Foam Band, Orange	Eaches/Box = 40 Boxes/Case = 10 Eaches/Case = 400
47147	FLUIDSHIELD* Level 3 Fog-Free Procedure Mask with Wraparound SPLASHGUARD* Visor, Pleat-Style with SO SOFT* Ear Loops, Foam Band, Orange	Eaches/Box = 25 Boxes/Case = 4 Eaches/Case = 100
48207	FLUIDSHIELD* Level 3 Fog-Free Surgical Mask, Pleat-Style with Ties, Orange	Eaches/Box = 50 Boxes/Case = 6 Eaches/Case = 300
48247	FLUIDSHIELD* Level 3 Fog-Free Surgical Mask with Wraparound SPLASHGUARD* Visor, Pleat-Style with Ties, Orange	Eaches/Box = 25 Boxes/Case = 4 Eaches/Case = 100
48297	FLUIDSHIELD* Level 3 Care Bear Surgical Mask, Pleat-Style with Ties, Pink and Blue Teddy Bear Print	Eaches/Box = 50 Boxes/Case = 6 Eaches/Case = 300

NOTE: Please see package inserts for directions for use for each of these products. Always read the label and follow the directions for use.

# FACIAL PROTECTION



## FLUIDSHIELD\* FACE MASKS

- Provides fluid resistance at 120mm Hg
- Level 2 printed on mask nose piece and box
- Four layers of fluid resistance and bacterial challenge
- Superior comfort without compromising your protection, with SO SOFT\* inner lining
- Setting a new benchmark with POWERGUARD\* protection



62114

Code	Description	Packaging
62114	FLUIDSHIELD* Level 2 Fog-Free Surgical Mask with Wraparound SPLASHGUARD* Visor, Pleat-Style with Ties, Blue with Orange Diamond Print	Eaches/Box = 25 Boxes/Case = 4 Eaches/Case = 100



62115

62115	FLUIDSHIELD* Level 2 Fog-Free Procedure Mask with SO SOFT* Ear Loops, Blue	Eaches/Box = 25 Boxes/Case = 4 Eaches/Case = 100
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## FLUIDSHIELD\* FACE MASKS

- Provides fluid resistance at 80mm Hg
- Level 1 printed on mask nose piece and box
- Four layers of fluid resistance and bacterial challenge
- Superior comfort without compromising your protection with SO SOFT\* inner lining
- Setting a new benchmark with POWERGUARD\* protection



25868

Code	Description	Packaging
25868	FLUIDSHIELD* Level 1 Procedure Mask, Pleat-Style with SO SOFT* Ear Loops, Lavender	Eaches/Box = 50 Boxes/Case = 10 Eaches/Case = 500



28802

28802	FLUIDSHIELD* Level 1 Surgical Mask with SO SOFT* Lining	Eaches/Box = 50 Boxes/Case = 10 Eaches/Case = 500
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25867

25867	FLUIDSHIELD* Level 1 Procedure Mask with SO SOFT* Lining & Ear Loops, Yellow	Eaches/Box = 50 Boxes/Case = 10 Eaches/Case = 500
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41802	FLUIDSHIELD* Level 1 Procedure Mask with Fog-Free Foam Strip & SO SOFT* Lining, Ear Loops, White	Eaches/Box = 50 Boxes/Case = 10 Eaches/Case = 500
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# FACIAL PROTECTION

## STANDARD FACE MASKS

### HALYARD\* SURGICAL MASKS

- Protective three-layer mask construction, for when exposure to blood and/or bodily fluids is not a risk
- Appropriate for general patient care and isolation
- Tie attachment



47265

Code	Description	Packaging
47625	LAZER* Surgical Mask, Pleat-Style With Ties, Silver	Eaches/Box = 35 Boxes/Case = 6 Eaches/Case = 210



48100

48100	THE LITE ONE* Surgical Mask, Pleat-Style with Ties, Blue	Eaches/Box = 50 Boxes/Case = 6 Eaches/Case = 300
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37525

37525	Surgical Mask, Expanded Chamber, Green	Eaches/Box = 50 Boxes/Case = 6 Eaches/Case = 300
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48390

48390	SO SOFT* Surgical Mask, Pleat-Style with Ties, White	Eaches/Box = 50 Boxes/Case = 6 Eaches/Case = 300
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49214

49214	Fog-Free Surgical Mask, Pleat-Style with Ties, Blue	Eaches/Box = 50 Boxes/Case = 6 Eaches/Case = 300
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49215

49215	Fog-Free Surgical Mask with DERMA-TOUCH* Tape, Film Strip, Green	Eaches/Box = 50 Boxes/Case = 6 Eaches/Case = 300
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# FACIAL PROTECTION

## HALYARD\* PROCEDURE MASKS

- Protective three-layer mask construction, for when exposure to blood and/or bodily fluids is not a risk
- Appropriate for general patient care and isolation
- Earloop attachment



47080



47127



62356

Code	Description	Packaging
47080	Procedure Mask, Pleat-Style with Ear Loops, Blue	Eaches/Box = 50 Boxes/Case = 10 Eaches/Case = 500
47127	Disney® Child's Face Mask, Pleat-Syle with Ear Loops, Multi-Colour	Eaches/Box = 75 Boxes/Case = 10 Eaches/Case = 750
62356	THE LITE ONE* Procedure Mask, Pleat-Style with Ear Loops, Blue	Eaches/Box = 50 Boxes/Case = 10 Eaches/Case = 500

# FACIAL PROTECTION

## EYEWEAR

### GUARDALL\* FACE SHIELD

- Designed for procedures and environments where risk of exposure to blood and/or bodily fluids through splashing is possible
- Equipped with a foam band and headband
- Can be worn with or without glasses or goggles
- Resistant to fogging



<b>Code</b>	<b>Description</b>	<b>Packaging</b>
41204	GUARDALL SHIELD* Full-Length Visor Only, (No Mask), Clear	Eaches/Case = 40
41205	GUARDALL SHIELD* Three-Quarter Length Visor Only (No Mask), Clear	Eaches/Case = 40

### SAFEVIEW\* GLASSES

- For use in situations which may involve splashing or spraying
- Designed to be lightweight for added comfort in use
- Shipped with colorful frames to appeal to a variety of preferences
- Single-use lenses may be easily replaced into reusable frames
- Designed to be easily worn over most prescription glasses
- Constructed from natural rubber latex-free materials



<b>Code</b>	<b>Description</b>	<b>Packaging</b>
SV50A	SAFEVIEW* Assembled Glasses	5 Pkg. of 10 Each Case = 50 Assembled Glasses
SV100F	SAFEVIEW* Frames / Assorted Colours	10 Pkg. of 10 Each Case = 100 Frames
SV250L	SAFEVIEW* Replacement Lenses	10 Pkg. of 25 Each Case = 250 Lenses

# FACIAL PROTECTION

## ACCESSORIES

### HALYARD\* N95 RESPIRATOR ACCESSORIES

• Contain Instructions and Materials to Conduct Fit Testing for HALYARD PFR95\* N95 Respirators



47950



99009



99009

Code	Description	Packaging
47950	Qualitative Fit Test Kit	Eaches/Kit = 1
99003	Saccharin Solutions	Eaches/Box = 2 Boxes/Case = 1
99009	BITREX* Solutions	Eaches/Box = 2 Boxes/Case = 1
99018	Nebulisers	Eaches/Box = 2 Boxes/Case = 1

### HALYARD\* MASK DISPENSER WALL BRACKET



Code	Description	Packaging
4966	Wall Bracket, 170mm (L) x 100mm (W) x 160mm (H)	Eaches = 1
4967	Wall Bracket, 170mm (L) x 125mm (W) x 160mm (H)	Eaches = 1
4968	Wall Bracket, 170mm (L) x 190mm (W) x 160mm (H)	Eaches = 1



# FACIAL PROTECTION

## TEST METHODS FOR FACE MASKS

### **BACTERIAL FILTRATION EFFICIENCY (BFE) AT 3µm: ASTM F2101**

Determines the bacterial filtration efficiency (BFE) of various filtration materials. This test employs a ratio of the bacterial challenge counts to sample effluent counts to determine the percent bacterial filtration efficiency (%BFE). The test procedure allows a reproducible bacterial challenge to be delivered to test materials, and provides a standard procedure for comparison of filtration materials.

**The higher the BFE, the better the filtration efficiency, the better the protection.**

### **DIFFERENTIAL PRESSURE OR BREATHABILITY (DELTA P): 4.4.1.2 of MIL-M-36954C**

Determines the air exchange differential of porous materials measured in mm H<sub>2</sub>O/cm<sup>2</sup>. This technique employs a water manometer differential upstream and downstream of the test material at a constant flow rate.

**The lower the delta P, the more breathable the material is.  
However, this can also mean lower levels of protection.**

### **FLUID RESISTANCE: ASTM F 1862**

Standard Test Method for Resistance of Medical Face Masks to Penetration by Synthetic Blood (Horizontal Projection of Fixed Volume at Known Velocity).

Developed to simulate a challenge to the fluid splash resistance of a face mask under conditions similar to actual use. During this test, face masks are insulted with synthetic blood, and graded as a pass or fail. The masks are evaluated at three pressures: 80, 120, and 160mmHg.

**The higher the pressure at which a mask passes, the greater the fluid resistance.**

### **NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH (NIOSH) Certification for Particulate Respirators: 42 CFR 84 Certified in USA**

NIOSH Certification ensures the respirator has undergone the stringent testing and quality assurance requirements to meet an expected level of protection.

If a respirator has been NIOSH-certified, it will have the following markings on the respirator's packaging, user instruction insert, and/or on the respirator itself:

- The NIOSH name or logo;
- The NIOSH filter classification – in this case "N95";
- The NIOSH test and certification – or TC – approval number;
- The Approval Holder's business name (usually the manufacturer), registered trademark, or an easily understood abbreviation;
- The model or part number; and
- The manufacturing lot number.

**The respirators certified under the NIOSH 42 CFR 84 regulation are tested under much more demanding conditions, providing a higher level of worker protection.**



Infection Prevention Product Solutions  
Halyard\* Education Foundation  
Tools & Best Practice  
Commitment to Excellence and Sustainability  
Experienced Customer Support  
Knowledgeable Sales Force  
Innovation & Technology



**O&M Halyard Australia Pty. Limited**

AUS: 1800 664 227

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