

# ASSURED FACIAL PROTECTION CAN BE AS EASY AS 1,2,3

From standard and fluid resistant masks, to particulate filter respirators, eyewear, and face shields, HALYARD\* offers a broad range of styles, features, and levels of protection. HALYARD\* face masks are the choice of more healthcare professionals where comfort and protection are needed in a variety of tasks and procedures.

## HALYARD\* LEADS THE WAY IN ASTM-RATED PROTECTION

HALYARD\*, a world leader in face masks, offers products that meet the ASTM F2100 standard at all levels. This helps you make sure you're protected appropriately for the fluid risk that may be present. You can, at a glance, pick the right mask for the task. It's as easy as 1-2-3.

ASTM International is a voluntary standards development organization whose work covers 15 industries, ranging from energy to chemicals to medical devices. ASTM F2100 is recognized by the FDA as the standard for medical face masks.



# ASTM F2100: THE STANDARD FOR FLUID-RESISTANT PROTECTION

ASTM has issued guidelines for performance of medical face masks, including a requirement for fluid resistance and particulate filtration for all masks. ASTM F2100 standards also call for mask packaging to be clearly labeled with the level of protection at one of three levels: 1, 2, or 3. This standard reinforces the importance of labelling to identify protection level, based on fluid resistance, bacterial filtration, particulate filtration, and breathability. ASTM F2100 is recognized by the FDA as the consensus standard for medical face masks.

Test Method	Test Description	LEVEL 1	LEVEL 2	LEVEL 3
		ASTM F2100	ASTM F2100	ASTM F2100
ASTM F1862	Fluid Resistance with synthetic blood, in mm Hg	80 mm Hg	120 mm Hg	160 mm Hg
EN14683 Delta P	Delta P Differential pressure, mm H <sub>2</sub> O/cm <sup>2</sup>	<5.0 mm H <sub>2</sub> O	<6.0 mm H <sub>2</sub> O	<6.0 mm H <sub>2</sub> O
ASTM F2101	Bacterial Filtration Efficiency (BFE), %	≥ 95%	≥ 98%	≥ 98%
ASTM F2299	Submicron Particle Filtration (PFE) @ 0.1 μ, %	≥ 95%	≥ 98%	≥ 98%
16 CFR Part 1610	Flammability	Class 1	Class 1	Class 1

## THE RIGHT MASK FOR THE RIGHT TASK



### Procedure/Earloop Mask

Masks with earloops designed for easy donning typically used in patient care areas



### Surgical Ties

Masks with ties designed for a more custom, secure fit typically used in the OR and other "red lined" environments



### Respirators

Respiratory protection designed to guard against airborne hazards

LEVEL 1	LEVEL 2	LEVEL 3
 <p>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).</p>	 <p>For emergency departments, dentistry, changing dressings on small or healing wounds where minimal blood droplet exposure may possibly occur (e.g. endoscopy procedures).</p>	 <p>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, cardio-vascular procedures).</p>

# PROCEDURE MASKS WITH EARLOOPS

## LEVEL 1 FLUIDSHIELD\* PROCEDURE MASKS - ASTM F2100

Item #	Product Description	Items/Box	Boxes/Case	Case Count
47566	Procedure Mask, White	50	10	500
47568	Procedure Mask, Blue	50	10	500

## LEVEL 2 FLUIDSHIELD\* PROCEDURE MASKS - ASTM F2100

Item #	Product Description	Items/Box	Boxes/Case	Case Count
47573	Procedure Mask, Blue	50	10	500

# SURGICAL MASKS WITH TIES

## LEVEL 1 FLUIDSHIELD\* SURGICAL MASKS - ASTM F2100

Item #	Product Description	Items/Box	Boxes/Case	Case Count
47571	Surgical Mask, Softbill	50	6	300
47578	Surgical Mask, White	50	6	300

## LEVEL 1 FLUIDSHIELD\* SPECIALTY SURGICAL MASKS - ASTM F2100

Item #	Product Description	Items/Box	Boxes/Case	Case Count
47570	Surgical Mask, Horizontal Ties, Blue	50	6	300
47572	Surgical Mask Blue	50	6	300