

# PROTECTIVE APPAREL PORTFOLIO REFERENCE 2023



# GUIDE TO ISOLATION GOWN GUIDELINES

TO SELECT THE APPROPRIATE ISOLATION GOWN, IT'S HELPFUL TO UNDERSTAND THE STANDARDS AND TESTING REQUIREMENTS FOR AAMI - RATED GOWNS.

## AAMI

ANSI/AAMI PB70:2012 provides standards for **liquid barrier performance**, with ratings for different levels of gown protection.<sup>1</sup> The AAMI Liquid Barrier standard addresses fluid protection in the areas most likely to come in direct contact with potentially infectious material.

Because the AAMI standard requires that **isolation gowns** be fully covered in the back, open-back gowns do not meet the AAMI standard, and cannot carry an AAMI rating. Both the fabric and all seams and attachments must meet AAMI standards. In addition, all AAMI Levels must meet a 4% AQL (Acceptable Quality Limit).



### MODERATE FLUID BARRIER

**PROTECTION Use** for the widest range of applications. Where moderate fluid protection is indicated.

**Spray Impact Penetration  $\leq 1.0g$**   
**Hydrostatic Pressure  $\geq 50cm$**



### MINIMAL TO LOW FLUID BARRIER

**PROTECTION** for use when fluid exposure is expected to be low.

**Spray Impact Penetration  $\leq 1.0g$**   
**Hydrostatic Pressure  $\geq 20cm$**



### MINIMAL TO LOW FLUID BARRIER PROTECTION

**Spray Impact Penetration  $\leq 4.5g$**

FOR DETAILED GUIDELINES, GO TO [www.aami.org](http://www.aami.org)

## FDA

As a medical device company, we are regulated by the US Food and Drug Administration (FDA). The manufacturing sites for HALYARD\* AAMI Gowns are registered with the FDA, and the FDA reviews and audits our manufacturing and quality systems to ensure we maintain FDA regulatory standards.

The FDA categorizes medical devices into one of three classes – Class I, II, or III – based on their risks and the regulatory controls necessary to provide assurance of safety and effectiveness.<sup>2</sup> Isolation gowns are classified as Class I Medical Devices.

FOR MORE GO TO [www.FDA.gov](http://www.FDA.gov)

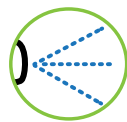
## GOWN TESTING

To make sure HALYARD\* isolation gowns meet the standards set out by these organizations, they undergo a variety of standard tests, including:



### FLUID AND BACTERIOPHAGE BARRIER

(ASTM 1671) Measures resistance of materials used in protective clothing to bloodborne pathogens using viral penetration at 2psig and ambient pressure.



### IMPACT PENETRATION TEST (AATCC 42)

Measures resistance of fabrics to penetration of water by spray impact, as measured by weight gain of a blotter in grams.



### RESISTANCE TO BLOOD PENETRATION

(ASTM F1670) Evaluates the resistance of a material to blood strikethrough, using synthetic blood with a surface tension and viscosity representative of blood and some body fluids.



### HYDROSTATIC PRESSURE TEST (AATCC 127)

Tests for fluid resistance by measuring the force required for water to penetrate gown fabric and seams.

1 Association for the Advancement of Medical Instrumentation (AAMI), Liquid barrier performance and classification of protective apparel and drapes intended for use in health care facilities (ANSI/AAMI PB70:2012), May 2012, pp 6-7 (§4.2.1-4.2.3) [https://www.aami.org/docs/default-source/products\\_store/standards/pb70\\_1206.pdf?sfvrsn=9d7b9544\\_2](https://www.aami.org/docs/default-source/products_store/standards/pb70_1206.pdf?sfvrsn=9d7b9544_2)

2 U.S Food and Drug Administration (FDA), Premarket Notification Requirements Concerning Gowns Intended for Use in Health Care Settings, Guidance for Industry and Food and Drug Administration Staff, Doc. #1500025, pp 1-9 <https://search.usa.gov/search?query=1500025&affiliate=fda1>

# HALYARD\* AAMI RATED ISOLATION GOWNS

## AAMI-RATED ISOLATION GOWN PORTFOLIO

### HALYARD\* Tri-Layer AAMI3 Isolation Gowns

Code	Description	Neck Closure	Cuff	Size	Items/Case
50697	Over-The-Head Isolation Gown, Yellow	Over-the-Head	Thumb Hooks & Elastic	Universal	100
50698	Over-The-Head Isolation Gown, Yellow	Over-the-Head	Thumb Hooks & Elastic	X-Large	100
54310	Isolation Gown, Blue	Tape-Tab	Elastic	Large	100
54311	Isolation Gown, Blue	Tape-Tab	Elastic	X-Large	100

### HALYARD\* Tri-Layer AAMI2 Isolation Gowns

Code	Description	Neck Closure	Cuff	Size	Items/Case
43008	BASICS* Isolation Gown, Yellow	Over-the-Head	Thumb Hooks & Elastic	Large	100
43009	BASICS* Isolation Gown, Yellow	Over-the-Head	Thumb Hooks & Elastic	X-Large	100
43146	Over-the-Head Isolation Gown, Yellow	Over-the-Head	Thumb Hooks	Large	100
43147	Over-the-Head Isolation Gown, Yellow	Over-the-Head	Thumb Hooks	X-Large	100
69979	Isolation Gown, Yellow	Tape-Tab	Elastic	Large	100
35460	Isolation Gown, Yellow	Tape-Tab	Elastic	Large	100
69988	Isolation Gown, Yellow	Tape-Tab	Elastic	X-Large	100
69986	Isolation Gown, Yellow	Tape-Tab	Elastic	Universal	100
69981	Isolation Gown, Blue	Tape-Tab	Elastic	Universal	100
69987	Isolation Gown, Blue	Tape-Tab	Elastic	X-Large	100
13962	BASICS* Isolation Gown, Yellow	Tape-Tab	Elastic	Universal	100
13961	BASICS* Isolation Gown, Yellow	Tape-Tab	Elastic	X-Large	100

### HALYARD\* Tri-Layer AAMI1 Isolation Gowns

Code	Description	Neck Closure	Cuff	Size	Items/Case
54100	Isolation Gown, Yellow	Tape-Tab	Elastic	Large	100
54101	Isolation Gown, Yellow	Tape-Tab	Elastic	X-Large	100
54110	Isolation Gown, Blue	Tape-Tab	Elastic	Large	100

# HALYARD\* IMPERVIOUS GOWNS

## HALYARD\* PROCEDURE GOWNS TESTED FOR USE WITH 53 CHEMOTHERAPY DRUGS

These gowns meet the USP <800> guidelines for safe handling of hazardous drugs (HDs).†

**Materials:** Polypropylene, with polyethylene coating

**Exposure Anticipated:** Potential for heavy fluid or cytotoxic drug contact in front

Code #	Description	Cuff	Size	Items/Case
47346	CHEMOPLUS*, Full Back, Blue	Knit Cuff	Large	100
47347	CHEMOPLUS*, Full Back, Blue	Knit Cuff	XX-Large	100
69606	Over-the-Head, Open Back, Blue	Knit Cuff	Large	100
37284	Over-the-Head, Open Back, Blue	Knit Cuff	XX-Large	100

## HALYARD\* IMPERVIOUS COMFORT GOWNS

**Materials:** SMS Film Laminate

Code #	Description	Cuff	Size	Items/Case
69600	Over-the-Head, Open Back, Blue	Knit Cuff	Large	100
69601	Over-the-Head, Open Back, Blue	Knit Cuff	XX-Large	100
69602	Over-the-Head, Open Back, Blue	Thumb Hooks	Large	100
69603	Over-the-Head, Open Back, Blue	Thumb Hooks	XX-Large	100

## HALYARD\* IMPERVIOUS GOWNS

**Materials:** Poly-Coated Spunbond

Code #	Description	Cuff	Size	Items/Case
47003	Over-the Head, Open Back, Yellow	Thumb Hooks	Large	100
47004	Over-the Head, Open Back, Yellow	Thumb Hooks	X-Large	100

## HALYARD\* IMPERVIOUS GOWNS

**Materials:** Laminated Spunbond

Code #	Description	Cuff	Size	Items/Case
46946	Over-the-Head, Open Back, Blue	Thumb Hooks	Large	100
46947	Over-the-Head, Open Back, Blue	Thumb Hooks	X-Large	100

## HALYARD\* IMPERVIOUS OPEN BACK GOWN

**Materials:** Protective, Tri-Layer fabric with polyethylene coating

Code #	Description	Cuff	Size	Items/Case
69455	Over-the-Head, Open Back, Blue	Knit Cuffs	Large	60

## HALYARD\* FILM GOWN IN DISPENSER BOX

**Materials:** Polyethylene film

Code #	Description	Cuff	Size	Items/Case
69490	Over-the-Head, Perforated Open Back, Blue	Thumb Hooks	Universal	75
69307	Over-the-Head, Perforated Open Back, Blue	Thumb Hooks	Universal	120
69316	Over-the-Head, Perforated Open Back, Blue	Thumb Hooks	X-Large	60
48414	Over-the-Head, Perforated Open Back, Blue	Thumb Hooks	X-Large	75

† Gowns should be changed in accordance with USP <800> guidelines (every 2–3 hours or immediately after a spill or splash). Tested for 53 Chemo drugs per test procedure ASTM F739-12.

# HALYARD\*

## ISOLATION GOWNS

### HALYARD\* TRI-LAYER OVER-THE-HEAD ISOLATION GOWNS

- Designed for quick and easy donning and doffing
- Made of SMS
- Open back panel provides ventilation
- Available with thumb hooks to hold sleeves in place under gloves

Code #	Description	Cuff	Size	Items/Case
32500	Medium Weight, Tri-Layer, Open Back, Yellow	Thumb Hooks with Elastic	Universal	100
32501	Medium Weight, Tri-Layer, Open Back, Yellow	Thumb Hooks with Elastic	X-Large	100
29549	Medium Weight, Open Back, Yellow	Thumb Hooks	Universal	100
29516	Medium Weight, Open Back, Yellow	Thumb Hook	XX-Large	100
32574	Medium Weight, Open Back, Yellow, Folded 11" x 5.5"	Thumb Hooks	Universal	100
32572	Medium Weight, Open Back, Yellow, Folded 11" x 5.5"	Thumb Hooks	XX-Large	100
43148	BASICS*, Tri-Layer, Open Back, Yellow	Thumb Hooks	Universal	100
43149	BASICS*, Tri-Layer, Open Back, Yellow	Thumb Hooks	X-Large	100
32502	Light Weight, Tri-Layer, Open Back, Yellow	Thumb Hooks	Universal	100
32503	Light Weight, Tri-Layer, Open Back, Yellow	Thumb Hooks	X-Large	100

### HALYARD\* FULL BACK PROCEDURE GOWNS

- Full back gowns with waist ties and hook-and-loop neckline closures
- Made of SMS fabric

Code #	Description	Cuff	Size	Items/Case
69025	Tri-Layer fabric, Full Back, Waist Ties, Blue	Knit	Universal	100
69028	Tri-Layer fabric, Full Back, Waist Ties, Blue	Knit	X-Large	100

### LIGHTWEIGHT COVER GOWNS

- Made of single-layer spunbond fabric
- Choice of open – or closed – back styles

Code #	Description	Cuff	Size	Items/Case
69105	Over-the-Head, Open Back w/ Tie Waist, Yellow	Thumb Hooks	Universal	100
69106	Over-the-Head, Open Back w/ Tie Waist, Yellow	Thumb Hooks	X-Large	100
69124	Traditional, Full Back, w/ Tie Waist and Neck, Yellow	Elastic	Universal	100
69125	Traditional, Full Back, w/ Tie Waist and Neck, Yellow	Elastic	X-Large	100
69127	Traditional, Full Back, w/ Tie Waist and Neck, Blue	Elastic	Universal	100
69129	Traditional, Full Back, w/ Tie Waist and Neck, Blue	Elastic	X-Large	100

# HALYARD\* COVERALLS & SCRUB SUITS

## HALYARD\* EXTRA PROTECTION COVERALLS

**Materials:** Protective, Tri-Layer fabric

**Features:** Back gather, raglan sleeve, elastic cuff, open ankle

Code #	Color	Size	Items/Case
10075	White	Large	24
10085	White	X-Large	24
10095	White	XX-Large	24
10096	White	XXX-Large	24

## HALYARD\* PROTECTIVE COVERALLS

**Materials:** Protective, Tri-Layer fabric

**Features:** Raglan sleeve, open cuffs and ankle

Code #	Color	Size	Items/Case
75631	Blue	Large	24
75641	Blue	X-Large	24
75651	Blue	XX-Large	24

## HALYARD\* SPUNBOND COVERALLS

**Materials:** Spunbond

**Features:** Set-in-sleeve, knit cuff, open ankle

Code #	Color	Size	Items/Case
85631	White	Large	24
85641	White	X-Large	24
85651	White	XX-Large	24
85661	White	XXX-Large	24

## HALYARD\* SCRUB SUITS

**Materials:** Protective, Tri-Layer fabric

**Features:** Shirts – round neck, chest pocket; Pants – waist ties, side and rear pockets, reinforced in-seam

### Shirts

Code #	Color	Size	Items/Case
69701	Medium Blue	Medium	48
69702	Medium Blue	Large	48
69703	Medium Blue	X-Large	48
69704	Medium Blue	XX-Large	48

### Pants

Code #	Color	Size	Items/Case
69711	Medium Blue	Medium	48
69712	Medium Blue	Large	48
69713	Medium Blue	X-Large	48
69714	Medium Blue	XX-Large	48

## HALYARD\* BASICS\* SCRUB SUITS

**Materials:** Tri-Layer fabric

**Features:** Shirts – V-neck, 1 chest pocket and 2 hip pockets; Pants – drawstring or elastic waist

### Shirts

Code #	Color	Size	Items/Case
47786	Dark Blue	Medium	48
47787	Dark Blue	Large	48
47788	Dark Blue	X-Large	48
47789	Dark Blue	XX-Large	48

### Pants - Draw String Waist

Code #	Color	Size	Items/Case
47782	Dark Blue	Medium	48
47783	Dark Blue	Large	48
47784	Dark Blue	X-Large	48
47785	Dark Blue	XX-Large	48

### Pants - Elastic Waist

Code #	Color	Size	Items/Case
47790	Dark Blue	Medium	48
47791	Dark Blue	Large	48
47792	Dark Blue	X-Large	48
47793	Dark Blue	XX-Large	48

# HALYARD\* LAB COATS AND LAB JACKETS

## HALYARD\* UNIVERSAL PRECAUTIONS LAB COATS

**Materials:** Protective Tri-Layer fabric

**Features:** Traditional collar, raglan sleeve, knit cuffs, 6 snaps, raglan sleeves, 3 reinforced pockets, back vent, neck loop for hanging, size/name label

Code #	Color	Size	Items/Case
10040	White	Small	25
10041	White	Medium	25
10042	White	Large	25
10043	White	X-Large	25
10044	White	XX-Large	10
10045	Blue	Small	25
10046	Blue	Medium	25
10047	Blue	Large	25
10048	Blue	X-Large	25
10049	Blue	XX-Large	10

## HALYARD\* BASICS\* PLUS LAB COATS

**Materials:** Protective, Tri-Layer fabric

**Features:** Knit collar, raglan sleeve, knit cuffs, 5 snaps, 3 reinforced pockets, neck loop for hanging, size/name label

Code #	Color	Size	Items/Case
10020	White	Small	25
10021	White	Medium	25
10022	White	Large	25
10023	White	X-Large	25
10024	White	XX-Large	25
10030	Blue	Small	25
10031	Blue	Medium	25
10032	Blue	Large	25
10033	Blue	X-Large	25
10034	Blue	XX-Large	25

## HALYARD\* BASICS\* LAB COATS

**Materials:** Protective, Tri-Layer fabric

**Features:** Traditional collar, raglan sleeve, knit cuffs, 4 snaps, 2 reinforced pockets, size/name label

Code #	Color	Size	Items/Case
10120	White	Small	25
10121	White	Medium	25
10122	White	Large	25
10123	White	X-Large	25
10124	White	XX-Large	25
10157	White	XXX-Large	25

## HALYARD\* SPUNBOND LAB COATS

**Materials:** Spunbond

**Features:** Traditional collar, set-in-sleeve, knit cuff, 5 snaps, 3 pockets

Code #	Color	Size	Items/Case
10231	White	Small	25
10232	White	Medium	25
10233	White	Large	25
10234	White	X-Large	25
10235	White	XX-Large	25



## HALYARD\* UNIVERSAL PRECAUTIONS LAB JACKETS

**Materials:** Protective, Tri-Layer fabric

**Features:** Knit collar, knit cuffs, 5 snaps, 3 reinforced pockets, neck loop for hanging, size/name label

Code #	Color	Size	Items/ Case
10069	White	Small	25
10071	White	Medium	25
10072	White	Large	25
10073	White	X-Large	25

## HALYARD\* PROFESSIONAL JACKETS

**Materials:** Protective, Tri-Layer fabric

**Features:** Knit collar, knit cuffs, 5 snaps, 2 reinforced pockets, neck loop for hanging, size/name label

Code #	Color	Size	Items/ Case
10067	Blue	Medium	24
10078	Blue	Large	24
10087	Blue	X-Large	24

## HALYARD\* MEDIUM WEIGHT SMS LAB JACKET

**Materials:** Protective, Tri-Layer SMS fabric

**Features:** Knit collar, set-in-sleeve, knit cuff, 4 snaps, 3 pockets

Code #	Color	Size	Items/ Case
10334	Blue	Small	25
10335	Blue	Medium	25
10336	Blue	Large	25
10337	Blue	X-Large	25
10338	Blue	XX-Large	25

# HALYARD\* HEADWEAR

## HALYARD\* SPUNBOND BOUFFANT CAPS

**Materials:** Spunbond fabric

Code #	Description	Size	Items/Case
69801	Spunbond Bouffant Cap, Blue	Large-24"	100/bx, 5bx/cs
69803	Spunbond Bouffant Cap, Blue	X-Large-27"	100/bx, 5bx/cs
47322	Spunbond Bouffant Cap, Red	Large-24"	100/bx, 5bx/cs
47323	Spunbond Bouffant Cap, Red	X-Large-27"	100/bx, 5bx/cs

## HALYARD\* TRI-LAYER BOUFFANT CAPS

**Materials:** Tri-Layer fabric

Code #	Description	Size	Items/Case
69083	Tri-Layer fabric Bouffant Cap, White	Large-24"	100/bx, 3bx/cs
69086	Tri-Layer fabric Bouffant Cap, White	X-Large-27"	100/bx, 3bx/cs
69088	Tri-Layer fabric Bouffant Cap, Blue	Large-24"	100/bx, 3bx/cs

## HALYARD\* SURGICAL CAP

**Materials:** 4-Ply tissue with polyester reinforcements

Code #	Description	Size	Items/Case
69240	Surgical Cap, Blue	Universal	100/bx, 3bx/cs

## HALYARD\* PROTECTIVE SURGICAL CAP

**Materials:** Tri-Layer fabric on sides, Spunbond fabric on top

Code #	Description	Size	Items/Case
69520	Protective Surgical Cap, Blue	Universal	100/bx, 3bx/cs

## HALYARD\* COVER MAX\* WITH CAPTURE TECHNOLOGY

**Materials:** Absorbent non-woven

**Features:** Expanded head coverage with option of deployable bouffant for added hair coverage

Code #	Description	Size	Items/Case
47317	Cover Max Surgical Cap with Deployable Bouffant	Universal	100/bx, 3bx/cs
47318	Cover Max Surgical Cap	Universal	100/bx, 3bx/cs

## HALYARD\* SURGICAL HOOD

**Materials:** Tri-Layer fabric on sides, Spunbond fabric on top

Code #	Description	Size	Items/Case
69110	Protective Surgical Hood with Tie Neck, Blue	Universal	100/bx, 3bx/cs

# HALYARD\* FOOTWEAR

Shoe covers protect the patient from bacteria on the healthcare professional's shoes.

## BASICS\* SHOE COVERS

**Materials:** Spunbond fabric

**Coverage:** Shoe

Code #	Description	Size	Items/Case
69114	BASICS* Shoe Cover	Universal	100/bx, 3bx/cs
69121	BASICS* Shoe Cover	X-Large	100/bx, 3bx/cs

## HALYARD\* HEAVY-DUTY SHOE COVER

**Materials:** Tri-Layer fabric

**Coverage:** Shoe

Code #	Description	Size	Items/Case
69551	Heavy-Duty Shoe Cover	Universal	100/bx, 3bx/cs

## X-TRA TRACTION\* SHOE COVERS

**Materials:** Tri-Layer fabric; adhesive traction strips

**Coverage:** Shoe

Code #	Description	Size	Items/Case
69252	X-TRA TRACTION* Shoe Cover	Universal	100/bx, 3bx/cs
69254	X-TRA TRACTION* Shoe Cover	X-Large	80/bx, 3bx/cs

## ANKLE-GUARD\* SHOE COVERS

**Materials:** Tri-Layer fabric; adhesive traction strips

**Coverage:** Shoe and ankle, elastic at the ankle

Code #	Description	Size	Items/Case
69253	ANKLE-GUARD* Shoe Cover	Universal	90/bx, 3bx/cs
69353	ANKLE-GUARD* Shoe Cover	X-Large	90/bx, 3bx/cs

## HI-GUARD\* REGULAR COVERAGE BOOTS

**Materials:** Tri-Layer fabric with film coating on foot area; adhesive traction strips

**Features:** Elastic at ankle and top of boot

**Coverage:** Shoe and lower leg

Code #	Description	Size	Items/Case
69571	HI-GUARD* Regular Full-Coverage Boot	Universal	50/bx, 3bx/cs
69671	HI-GUARD* Regular Full-Coverage Boot	X-Large	50/bx, 3bx/cs

## HI-GUARD\* ULTRA COVERAGE BOOTS

**Materials:** Plastic film coating over Tri-Layer fabric; two 1" urethane foam traction strips

**Features:** Tie at ankle and elastic at top of boot

**Coverage:** Shoe and lower leg

Code #	Description	Size	Items/Case
69572	HI-GUARD* Ultra Coverage Boot	Universal	30/bx, 4bx/cs
69672	HI-GUARD* Ultra Coverage Boot	X-Large	30/bx, 4bx/cs

Caution: Footwear users should be aware that a risk of slipping exists. Hospital floor may be waxed or wet. Good technique and OSHA require that footwear be removed when contaminated or upon leaving the work area. Do not use nonconductive shoe covers in locations where flammable anesthetics are administered.

Note: Shoe dimensions can vary from street shoes to athletic shoes. When selecting a shoe cover size, please consider the outside dimensions of the shoe to ensure a proper fit.

For more information, please visit:

[www.halyardhealth.com](http://www.halyardhealth.com)

Call 1-844-HALYARD  
(1-844-425-9273) in the  
United States and Canada.



Customer-centric solutions include the tools, resources and support to help you provide the best in patient care.

KNOWLEDGE NETWORK\* Accredited Education  
In-service Training and Technical Support  
Credentialed Sales Representatives  
Tools & Best Practices  
Clinical Research  
Commitment to Excellence  
Infection Prevention Initiatives  
Sustainability Leadership  
Heritage of Innovation

[www.halyardhealth.com](http://www.halyardhealth.com)



HALYARD\* is an Owens & Minor brand

\*Registered trademark or Trademark of O&M Halyard or its affiliates. ©2021, 2022, 2023. All rights reserved.

008301 COPY-03922