

MICROCOOL* BREATHABLE
High Performance Surgical Gowns



DRIVE HIGH
PERFORMANCE WITH
MICROCOOL* COMFORT



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High Performance Surgical Gowns

THE PERFECT BALANCE OF ESSENTIAL PROTECTION

Having the right protection in the OR can make the critical difference to the surgical team. The OR can be a very hazardous environment where clinicians routinely risk exposure to blood, fluids, and pathogens. Rigorous industry standards³ cite the most important properties for surgical gowns:

- Fluid resistance⁴
- Microbial resistance
- Flame resistance
- Lint and abrasion resistance

MICROCOOL* GOWNS MEET THE AAMI LEVEL 4 LIQUID BARRIER STANDARD⁴

The Association for the Advancement of Medical Instrumentation (AAMI) developed the liquid barrier standard to assist healthcare personnel in the selection and use of surgical gowns, drapes and other protective apparel. MICROCOOL* Gowns are Level 4, the highest barrier protection rating available for gowns.

The red neck-band tells you that every MICROCOOL* Surgical Gown provides our highest level of fluid-resistance.



**"I really like the new gown;
it moves better and feels
good. I feel protected in it."**

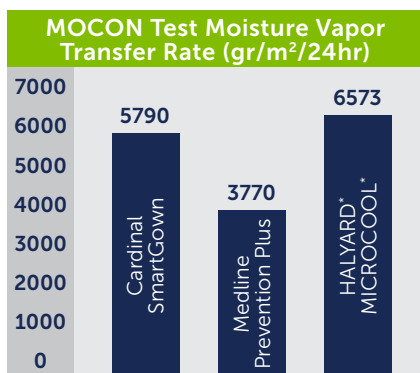
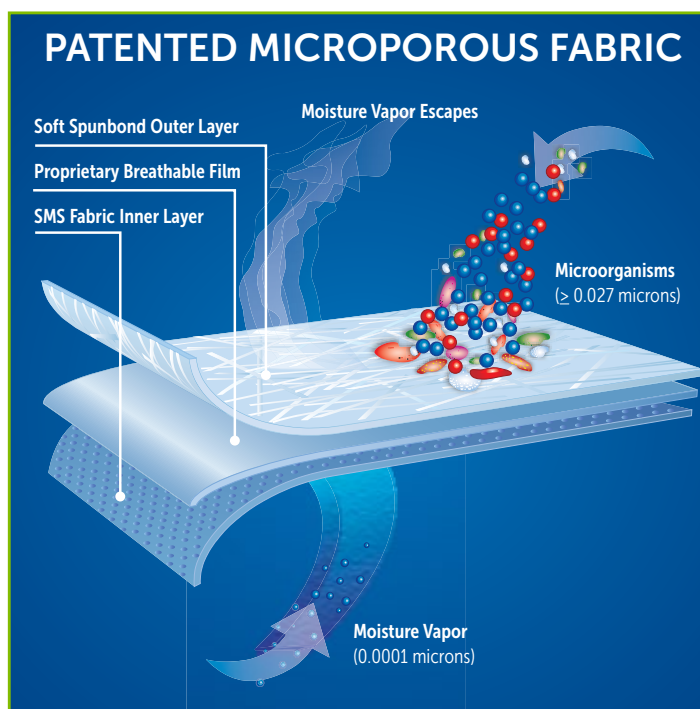
COMFORT AND PERFORMANCE ARE BUILT IN.

To perform at their best, OR professionals need to be confident and comfortable in every procedure. That's why every detail of the MICROCOOL[®] Surgical Gown has been designed with comfort in mind including:

- Raglan sleeves
- Adjustable neckline
- Specialty options for seated procedures
- Generous cut

On average, MICROCOOL[®] Gowns are about 5% larger than Medline's Prevention Plus Gowns and 3% larger than Cardinal's SmartGown¹

The new MICROCOOL[®] Breathable High Performance Surgical Gown is the result of years of research to make MICROCOOL[®] more cool and protective than ever. Halyard Health has a long heritage of medical fabric leadership, with over 650 US and international patents for advanced non-woven fabrics.



(Above) Our patented microporous fabric is comprised of a thin yet strong layer of breathable film enclosed in layers of soft, nonwoven fabric. The film layer permits moisture vapor to pass easily through the gown while preventing penetration of bacteria and body fluids.

(Left) MICROCOOL[®] Gowns are more breathable than either Cardinal SmartGown or Medline Prevention Plus Gown, as demonstrated on the MOCON test.²

A SUSTAINABLE BALANCE

Halyard Health is a member of Practice Greenhealth, the nation's leading organization for institutions in the healthcare community committed to sustainable, eco-friendly practices to improve the health of patients, staff and the environment.



Some examples:

100% Landfill free

MICROCOOL* Gowns are produced in facilities dedicated to cleaner manufacturing and source reduction. Every month, over 6.5 million pounds of our manufacturing waste is diverted from landfills. And the facility which manufactures our MICROCOOL* fabric is 100% landfill-free.

Clean Incineration

MICROCOOL* Gowns are composed of over 90% Number 5 polypropylene, which incinerates very cleanly after use². (Compare that to reusable gowns, which require substantial amounts of water, energy, and harsh chemicals to decontaminate and clean according to industry standards for hospital laundry.⁶)

PFOA-free

In compliance with EPA recommendations, MICROCOOL* Gowns are PFOA-free.⁷

Environmental Leadership

Our sustainability standards have helped us to be repeatedly recognized for environmental leadership by the **Dow Jones Sustainability Index** and the **Newsweek Green Rankings** of the world's most environmentally-friendly companies.

Fluid-Resistance	Microbial Resistance	Flame Resistance	Lint and Abrasion Resistance	Breathability
MICROCOOL* Gowns meet both the AAMI Level 4 Liquid Barrier Standard and ASTM F1670 and ASTM F1671 standards for resistance of materials used in protective clothing. ^{4,5}	MICROCOOL* Gowns meet the ASTM F1671 standard for bacteriophage penetration, as well as the European Norms (EN ISO 22610) for resistance to wet microbial penetration. ^{5,8}	MICROCOOL* Gowns meet the ISO standard for ignition resistance (ISO 11810-1 Class I1-21—No ignition). ⁵	MICROCOOL* Gowns meet ASTM D4966 for abrasion resistance, and produces fewer than 20 particles of lint at the 10-micron level on the Gelbo lint test. ⁵	MICROCOOL* fabric allows moisture vapor to pass through almost instantly, compared to competitive gown materials, as measured by the Moisture Vapor Transfer test. ²

To see these demonstrations for yourself, visit www.MicroCoolGowns.com.



Reduce Glove Slip-Down
MICROCOOL* Gowns with SECURE-FIT* Technology have been shown to reduce glove slip-down when used with market-leading surgical gloves. Look for the SECURE-FIT* coating on the sleeves, keeping your gloves in place and you and your patients protected.

HALYARD* MICROCOOL* BREATHABLE HIGH PERFORMANCE SURGICAL GOWNS with SECURE-FIT* Technology to reduce glove slip-down

Product Code Sterile	Non-Sterile	Description	Items per case Sterile/Non-sterile	
92338		Small	30	
92354	72456	Large	30	
92355	30734	X-Large, in Handi-Bin	28	40
92358	72448	XX-Large	26	384
92347		XXX-Large	25	32
10558		Specialty Gown, Large	28	
10550		Specialty Gown, X-Large	26	
10566		Specialty Gown, XX-Large	26	

All codes in **bold** type indicate a sterile product. Non-sterile product available for custom trays.

HALYARD* MICROCOOL* BREATHABLE HIGH PERFORMANCE SURGICAL GOWNS

Product Code Sterile	Non-sterile	Description	Items per case Sterile/Non-sterile	
92340	72438	Large	30	40
92342	72445	X-Large	28	32
92344	72447	XX-Large	26	32
92038	73038	Large, X-Long	30	36
92042	73041	X-Large, X-Long	30	32
92351	72451	Specialty Gown, Large	28	32
92353	72453	Specialty Gown, X-Large	26	28
92357	72457	Specialty Gown, XX-Large	26	28
	79729	Large, in Handi-Bin		528
	79737	X-Large, in Handi-Bin		432



KNOWLEDGE NETWORK* Accredited Education
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Clinical Research
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- 1 High Performance competitive gown dimension analysis, 2011.
- 2 Data on file, Kimberly-Clark Health Care
- 3 Association of Perioperative Registered Nurses (AORN), Standards, Recommended Practices and Guidelines, 2011.
- 4 Meets AAMI level 4 Liquid Barrier Standard and ANSI/AAMI PB70: 2003 Liquid barrier performance and classification of protective apparel and drapes intended for use in healthcare facilities.
- 5 Per Kimberly-Clark product specifications
- 6 "A White Paper on Performance, Cost Per Use, and Environmental Impact of Single-Use and Reusable Surgical Gowns & Drapes" McIlvaine Company, 2009.
- 7 PFOA: Perfluorooctanoic acid; EPA recommendations to eliminate PFOA chemistry utilization. "PFOA-free" means that a product has PFOA below 20 ppb as manufactured. (Source: www.epa.gov/oppt/pfoa/pubs/stewardship/)
- 8 MICROCOOL* Surgical gowns pass ASTM 1671 Standard Test Method for resistance of materials used in protective clothing to penetration of bloodborne pathogens using PHI-X 174 bacteriophage penetration as a test system, and meets EN ISO 22610.

Visit www.microcoolgowns.com
for more information.

For more information for clinicians and
product code ordering information, please visit:
www.halyardhealth.com

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

www.halyardhealth.com

