

GET TOTALLY COMFORTABLE WITH HIGH LEVEL PROTECTION.

AERO CHROME* Breathable Performance Surgical Gowns combine comfort, softness and breathability with high level of protection against fluids and pathogens.¹

This gown's remarkable fabric technology builds a high performance fluid barrier into a lightweight and breathable fabric.²

LIGHT, COOL COMFORT. HIGHEST LEVEL PROTECTION.

- Meets the European standard EN13795/2019
- Meets AAMI Level 4 standard for surgical gowns, providing the highest level of fluid and microbial protection in the critical zones³.
- Soft, light and breathable fabric keeps staff protected yet cool and comfortable.²
- Excellent ignition resistance, with the highest rating for protection against ignition with surgical lasers.⁴
- Low linting⁵ to help reduce the risk of wound contamination and infection.⁶



THE NEW AERO SERIES*.

Together AERO CHROME* and AERO BLUE* make the AERO SERIES*, a large choice of breathable, comfortable High Performance⁽³⁾ surgical gowns.





THE COLLAR THAT STAYS FLAT

The soft, comfortable collar stays flat against the skin to minimize gaping and possible exposure.⁷

THE BACK PANEL THAT BREATHES

The AERO CHROME[®] surgical gown has a highly breathable back panel that maximizes air circulation.¹⁰



THE GOWN THAT STANDS OUT ON THE BACK TABLE.

When choosing from the sea of blue gowns, your OR staff may end up under-protected - or wearing a higher protection level than they require. The silvery AERO CHROME[®] color makes it easy to choose the right gown for the right procedure.

HIGH PERFORMANCE⁽³⁾ PER EN13795/2019 AND AAMI LEVEL 4 PROTECTION

Make sure your key OR staff members are protected during long, fluid-intensive procedures¹⁰ with AERO CHROME[®] AAMI Level 4 gowns.

LIGHT, SOFT & COOL

The remarkable AERO CHROME[®] fabric has a proprietary Cool Shield Core technology¹¹ that allows moisture vapor to escape while providing a high performance barrier.

TESTING SUMMARY

| Physical Property | Test Method | Sample Size | Acceptance Criteria | Reference |
|--|---------------|---|------------------------------------|----------------------|
| Chemotherapy Drug Resistance to Permeation | ASTM D6978-05 | n = 3 3 sterile surgical gowns tested per each of 52 chemotherapy drugs outlined in Tables 2 and 3 | No breakthrough up to 240 minutes. | ASTM D6978-05 (2013) |

CHEMOTESTED: CONFIDENT THAT YOU ARE PROTECTED

THE RESULTS SPEAK FOR THEMSELVES

To ensure you are protected we tested AERO CHROME* Breathable Performance Surgical Gown against 52 chemotherapy drugs¹.

The following chemotherapy drugs and concentrations had no breakthrough detected up to 240 minutes¹:

| CHEMOTHERAPY DRUGS | |
|----------------------------|-------------------------|
| Tested Chemotherapy Drugs | Concentration |
| Arsenic Trioxide | 1 mg/ml (1,000 ppm) |
| Azacitidine | 25 mg/ml (25,000 ppm) |
| Bendamustine | 5 mg/ml (5,000 ppm) |
| Bleomycin | 15 mg/ml (15,000 ppm) |
| Bortezomib | 1 mg/ml (1,000 ppm) |
| Busulfan | 6 mg/ml (6,000 ppm) |
| Carboplatin | 10 mg/ml (10,000 ppm) |
| Carfilzomib | 2 mg/ml (2,000 ppm) |
| Cisplatin | 1 mg/ml (1,000 ppm) |
| Cyclophosphamide (Cytosan) | 20 mg/ml (20,000 ppm) |
| Cytarabine | 100 mg/ml (100,000 ppm) |
| Cytovene | 10 mg/ml (10,000 ppm) |
| Dacarbazine (DTIC) | 10 mg/ml (10,000 ppm) |
| Daunorubicin | 5 mg/ml (5,000 ppm) |
| Decitabine | 5 mg/ml (5,000 ppm) |
| Docetaxel | 10 mg/ml (10,000 ppm) |
| Doxorubicin Hydrochloride | 2 mg/ml (2,000 ppm) |
| Ellence | 2 mg/ml (2,000 ppm) |
| Eribitux | 2 mg/ml (2,000 ppm) |
| Eribulin Mesylate | 0.5 mg/ml (500 ppm) |
| Etoposide (Toposar) | 20 mg/ml (20,000 ppm) |
| Fludarabine | 25 mg/ml (25,000 ppm) |
| Fluorouracil | 50 mg/ml (50,000) |
| Fulvestrant | 50 mg/ml (50,000 ppm) |
| Gemcitabine (Gemzar) | 38 mg/ml (38,000 ppm) |
| Idarubicin | 1 mg/ml (1,000 ppm) |
| Ifosfamide | 50 mg/ml (50,000 ppm) |
| Irinotecan | 20 mg/ml (20,000 ppm) |
| Mechlorethamine HCl | 1 mg/ml (1,000 ppm) |
| Melphalan | 5 mg/ml (5,000 ppm) |
| Methotrexate | 25 mg/ml (25,000 ppm) |
| Mitomycin C | 0.5 mg/ml (500 ppm) |
| Mitoxantrone | 2 mg/ml (2,000 ppm) |
| Oxaliplatin | 2 mg/ml (2,000 ppm) |
| Paclitaxel (Taxol) | 6 mg/ml (6,000 ppm) |
| Paraplatin | 10 mg/ml (10,000 ppm) |
| Pemetrexed Disodium | 25 mg/ml (25,000 ppm) |
| Pertuzumab | 30 mg/ml (30,000 ppm) |
| Raltitrexed | 0.5 mg/ml (500 ppm) |
| Retrovir | 10 mg/ml (10,000 ppm) |
| Rituximab | 10 mg/ml (10,000 ppm) |
| Temsirolimus | 25 mg/ml (25,000 ppm) |
| Topotecan HCl | 1 mg/ml (1,000 ppm) |
| Trastuzumab | 21 mg/ml (21,000 ppm) |
| Triclosan | 2 mg/ml (2,000 ppm) |
| Trisonex | 1 mg/ml (1,000 ppm) |
| Vinblastine | 1 mg/ml (1,000 ppm) |
| Vincristine Sulfate | 1 mg/ml (1,000 ppm) |
| Vinorelbine | 10 mg/ml (10,000 ppm) |
| Zoledronic Acid | 0.8 mg/ml (800 ppm) |

PERMEATION TESTING ON STERILE GOWN SAMPLES (SEAM AREA)

| Chemotherapy Drugs | Concentration | Minimum Breakthrough Detection Time (Specimen 1/2/3) (Minutes) | | Average Steady State Perm. Rate (Specimen 1/2/3) ($\mu\text{g}/\text{cm}^2/\text{minute}$) |
|----------------------------|-----------------------|--|-------------|--|
| Cisplatin | 1 mg/ml (1,000 ppm) | >240 min. PASS | PASS | Cisplatin |
| Cyclophosphamide (Cytoxan) | 20 mg/ml (20,000 ppm) | >240 min. PASS | PASS | Cyclophosphamide (Cytoxan) |
| Dacarbazine (DTIC) | 10 mg/ml (10,000 ppm) | >240 min. PASS | PASS | Dacarbazine (DTIC) |
| Doxorubicin Hydrochloride | 2 mg/ml (2,000 ppm) | >240 min. PASS | PASS | Doxorubicin Hydrochloride |
| Etoposide (Toposar) | 20 mg/ml (20,000 ppm) | >240 min. PASS | PASS | Etoposide (Toposar) |
| Fluorouracil | 50 mg/ml (50,000 ppm) | >240 min. PASS | PASS | Fluorouracil |
| Ifosfamide | 50 mg/ml (50,000 ppm) | >240 min. PASS | PASS | Ifosfamide |
| Mitoxantrone | 2 mg/ml (2,000 ppm) | >240 min. PASS | PASS | Mitoxantrone |
| Paclitaxel (Taxol) | 6 mg/ml (6,000 ppm) | >240 min. PASS | PASS | Paclitaxel (Taxol) |
| Thiotepa | 10 mg/ml (10,000 ppm) | >240 min. PASS | PASS | Thiotepa |
| Vincristine Sulfate | 1 mg/ml (1,000 ppm) | >240 min. PASS | PASS | Vincristine Sulfate |

AERO CHROME* BREATHABLE PERFORMANCE GOWNS

| Sterile Codes | Size/Description | Case Count |
|---------------|------------------|------------|
| 44689 | Large | 30 |
| 44693 | Large, X-Long | 30 |
| 44690 | X-Large | 28 |
| 44694 | X-Large, X-Long | 30 |
| 44695 | XX-Large, X-Long | 28 |

| Non-Sterile Codes | Size/Description | Case Count |
|-------------------|------------------|------------|
| 44662 | Large | 40 |
| 44667 | Large, X-Long | 36 |
| 44668 | X-Large, X-Long | 32 |
| 44669 | XX-Large, X-Long | 30 |



KNOWLEDGE NETWORK* Clinical Education
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1. Meets ASTM1671 in the critical zones (ties, fabric, sleeve seams), per AAMI PB70 PB70: 2012 AAMI Level 4
2. Per Hydrohead testing, ASTM 1671, basis weight of fabric and MOCON Moisture Breathability, AAMI PB70 PB70 Level 4
3. Meets AAMI Level 4, AAMI PB70, EN13795 High Performance
4. Per ISO 11810
5. Per Particle Release
6. Per Association of Perioperative Registered Nurses (AORN), Standards, Recommended Practices and Guidelines, 2006
7. Comfort study 2015
8. Grab tensile elongation test

9. Air permeability testing
10. ISO 22610 (wet), ISO 22612 (dry), ASTM 1671 and ASTM 1670, Hydrohead-ISO 811:2018
11. ASTM 1671, MOCON and cup crush testing
12. This study was conducted per test method ASTM D6978-05 Standard Practice for Assessment of Resistance of Medical Gloves to Permeation by Chemotherapy Drugs. The results documented in this report are considered representative of all gowns in the Aero Chrome* Breathable Performance Surgical Gowns – AAMI 4 and High performance product family

† AERO CHROME Patent Pending 62/331,641