



THE BILL
YOUR REGULAR DOSE OF EDUCATION
FOR INFECTION PREVENTION

**FLUIDSHIELD* SURGICAL N95 DUCKBILL RESPIRATOR
FITS THE BILL
QUALITY, COMFORT & PROTECTION**

The COVID-19 pandemic has put a microscope on Respirators in the current market, with a higher focus on the various features of a Surgical Respirator mask. Not only should a quality Surgical N95 Respirator provide the right level of respiratory protection and fluid resistance, another important feature that is less talked about is whether your Surgical N95 Respirator offers protection from chemotherapy drugs.

NOT ALL SURGICAL RESPIRATORS PROVIDE CHEMOTHERAPY PROTECTION

Chemotherapy drugs can represent a significant health risk to Operating Theatre staff. When a patient has received chemotherapy and requires surgery, the surgical team involved must ensure that their PPE provides protection against exposure to potentially carcinogenic fluids that may cause chromosomal damage.

You should never assume a Surgical Respirator provides protection to chemotherapy drugs. Ask your mask supplier if your respirator has been tested for protection against chemotherapy drugs and don't forget to ask which ones.

DON'T WEAR THE RISK. WEAR HALYARD.

HALYARD FLUIDSHIELD* SURGICAL LEVEL 3 N95 RESPIRATORS

✓ CHEMOTHERAPY PROTECTION

HALYARD FLUIDSHIELD* Surgical N95 Respirators are tested against 7 commonly used chemotherapy drugs.¹

Note: When cytotoxic drugs are being administered as an aerosol, OSHA recommends use of powered air-purifying respirators only.

✓ HIGHEST RECOGNISED LEVEL OF FLUID PROTECTION

HALYARD FLUIDSHIELD* Surgical N95 Respirators are rated ASTM Level 3 (160mmHg) and provide the highest level of protection against splash.⁴

An unrated N95 respirator can leave healthcare workers exposed where the risk of fluid arises, particularly in unpredictable settings such as ICU, Operating Theatre and Emergency. Studies show fluid strikes the face area of Operating Theatre staff on average 45-51% of the time.³

✓ NIOSH APPROVED RESPIRATORY PROTECTION

HALYARD FLUIDSHIELD* Surgical N95 Respirators are NIOSH approved ensuring healthcare workers receive the protection they require. Poor quality N95 masks are not approved by NIOSH.

Viruses present at varying particle sizes. The most challenging particle size to capture via filter media is 0.3 microns. Based on epidemiological patterns, we are mindful that the majority of spread of COVID-19 is by droplets, but that when airflow is poor, it favours a smaller particle-size spread.

HALYARD N95 Respirators are designed with a layer of electro statically charged filter media to attract and secure at least 95% of all particles, even those at 0.3 microns.⁵

✓ **SUITABLE FOR:**

- Tuberculosis exposure control²
- Isolation Protocols
- Procedures or situations that require respiratory and/or facial splash protection
- Operating Theatre:
 - Chemotherapy procedures (non-aerosolised delivery)
 - Exposure to surgical smoke / laser plume*

** Where there is potential for surgical smoke / laser plume, the CDC recommends wearing a properly fitted filtering facepiece respirator, such as an N95 Respirator.*

✓ **KNOWN AND QUALITY SUPPLIER**

Face masks are our heritage. As a global market leader and manufacturer of face masks, HALYARD has been designing and optimising facial protection for over 20 years. Our deep expertise pioneering infection prevention products ensures ongoing quality and consistent, superior performance. HALYARD sets the benchmark for N95 Respirator quality.

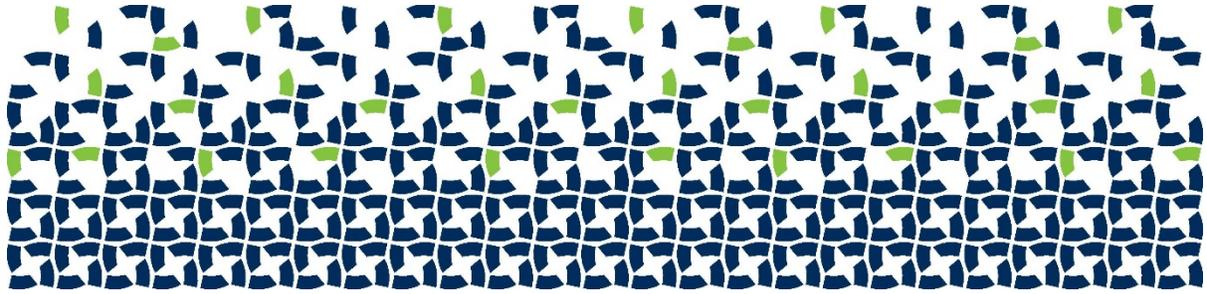
MORE INFORMATION

For more about HALYARD FLUIDSHIELD* Surgical N95 Respirators and to download the product brochure, visit the Halyard website.



References:

1. CLAIM-07666. Code 46727 tested against (Carmustine, Cyclophosphamide, Doxorubican Hydrochloride, Etoposide, Fluorouracil, Paclitaxel, ThioTepa, with Carmustine breakthrough of 0.1 µg/cm²/min detected at 25.7 minutes).
2. As per OSHA's 1996 Directives CPL 2.106 Enforcement Procedures and Scheduling for Occupational Exposure to Tuberculosis.
3. CLAIM-06541.
4. IPS Job # 46161 and 72843.
5. NIOSH Test Report TN-22659.



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