

## Frequently Asked Questions

**Q: How do Triosyn® facemasks with Antimicrobial Product Protection differ from other disposable facemasks?**

A: The Triosyn® T-Series facemasks with Antimicrobial Product Protection trap potentially harmful airborne particulates just like traditional facemasks. The difference lies in the proven ability of the Triosyn T-3000™ facemask to trap biological agents throughout the life of the product. This is achieved through the antimicrobial action of Triosyn® T50 powder which protects the filtration media from microbial deterioration.

**Q: What is the filtration efficiency of the Triosyn T-3000™ facemask?**

A: Triosyn T-3000™ facemasks are certified by NIOSH as having a 95% filtration efficiency for particles in the range of 0.3 µm. The T-3000™ is also labeled as a "P" level facemask meaning that it is "strongly resistant to oil". This rating is most useful if you are working in an environment where an oil mist may be present.

**Q: The T-3000™ mask contains Iodine; has the T-3000™ mask been tested to determine possible hazards?**

A: The Triosyn T-3000™ facemask contains Triosyn® T-50 Powder as its active ingredient. Triosyn® T50 Powder is registered with the US Environmental Protection Agency (EPA Reg. No. 72897-2). Before issuing a product registration, the EPA requires and reviews extensive test data that demonstrate the product can be used without posing harm to human health and the environment. Most importantly, Triosyn Corp. establishes exacting safety and performance standards for all of its products before offering them for sale.

**Q: The Triosyn T-3000™ is listed as "fluid resistant"; does this mean that the facemask is waterproof?**

A: The T-3000™ facemask has a fluid resistant outer layer made of a non-absorbent polypropylene fiber. This does not mean that fluids will be repelled, but that the outer layer of the facemask could come into contact with fluids without a negative impact on the integrity of the materials.

**Q: What is the shelf life of the facemask in its foil packaging and out?**

A: In its original packaging, the Triosyn T-3000™ mask has a shelf life of 48 months from the date of manufacturing. Please check the product packaging for the original date of manufacture. Once the packaging has been opened, the mask can be used continuously for 8 hours. Please discard the facemask and replace with a new one after 8 hours.

Triosyn Corp. is dedicated to the fight against microbial threats through scientific development and commercial distribution of innovative Triosyn-based products.



Distributed by:

**Filtera™**  
Filtera.com  
(888) 933-0100

**TRIOSYN CORP.**  
1191 South Brownell Road  
Williston, VT 05495-7415  
USA

Tel: (866) 865-5084  
Fax: (802) 658-2681

**TRIOSYN RESEARCH INC.**  
14153 Labelle Blvd.  
Mirabel, Quebec J7J 1M3  
Canada

Tel: (866) 865-5084  
Fax: (802) 658-2681

**A NEW LEVEL  
OF RESPIRATORY PROTECTION**



**TRIOSYN  
T-3000™**

Enhanced protection against microbial threats

**Innovative  
Antimicrobial Technologies**

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



**Are you protected or are you just breathing ?**

“My team and I need superior protection from a facemask against harmful biological agents and that is why we use the T-3000™.”

- Deputy Sheriff

“When I go on a call, I have to be prepared for an array of viruses and bacteria. I know that the T-3000™ offers unmatched respiratory protection from these unknowns and I never go on a call without it.”

- EMT from Atlanta

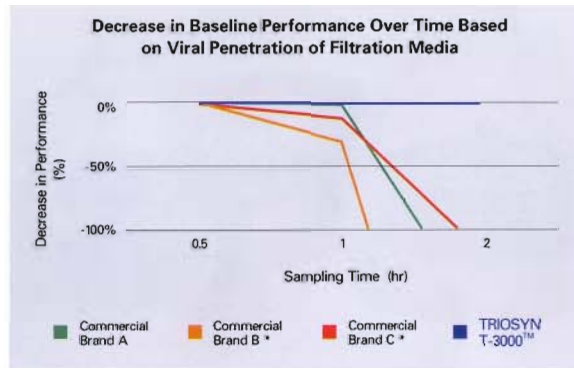
**Long Lasting Protection At Long Last**

For more information on Triosyn Corp. and our products, please visit us on the web at [www.triosyn.com](http://www.triosyn.com) or call 1-866-865-5084.

### Triosyn Air Filtration Technology

Not all facemasks provide the same level of performance hour after hour of use. When subjected to harmful viruses and bacteria, the performance of most facemasks degrades significantly over time.

Unlike other facemasks, the antimicrobial action of Triosyn® T50 Powder guards against microbial degradation of the Triosyn T-3000™ filtration media to ensure consistent and reliable performance.



\* Commercial Brands B & C contain data points that fall below graph scale. In comparison tests supervised by a recognized third party institution, the Triosyn T-3000™ filtration media and three other commercial filtration media, with N95 filter efficiency ratings, were challenged with a bioaerosol of MS2 coliphage, a nonpathogenic bacterial virus similar to viral agents of concern, to evaluate the viral particle penetration. As illustrated in the graph above, the performance of facemasks without the antimicrobial product protection of Triosyn® T50 Powder degrades significantly over time. Notably, the performance of the Triosyn T-3000™ facemask with antimicrobial product protection is maintained over time.



### Respiratory Protection You Can Trust



#### KEY FEATURES

- NIOSH Approved P95 Mask
- Fluid-resistant outer layer
- Secure, comfortable fit with padding, adjustable nose bridge and low breathing resistance
- Flatfold design allows for easy storage
- Antimicrobial product protection
- Consistent and reliable performance

The T-3000™ disposable respirator utilizes the Triosyn® proprietary T50 Powder. When microorganisms come in contact with the T-3000™ filtration media, the active ingredient in Triosyn® T50 Powder penetrates the outer membrane of the microorganism, disrupting key cell functions so that it cannot function, grow or reproduce, thus ensuring consistent and reliable performance throughout the life of the product.

**Innovative Antimicrobial Technologies**