

20+ Year Media Life — Backed by Warranty

Long-Term Reliability Supported by a Limited Pro-Rated Warranty

In today’s wastewater and industrial odor control environments, long-term reliability is not a luxury, it’s a requirement.

At **GES Biotek**, we stand behind our technology with confidence, offering a **20-Year Limited Pro-Rated Warranty** on our **Cell-Max™ Plus (CMP)** and **Enhanced Cell-Max™ Plus (ECMP)** engineered biofilter media, designed for a service life of 20 years or greater.

Built for the Long Haul

Unlike traditional organic media such as wood chips or compost blends that degrade, compact, and require frequent replacement, CMP and ECMP are inorganic, **engineered glass substrate** media that **resist degradation and compaction**.

Low pressure drop characteristics help maintain **long-term airflow performance** (typically <0.25 in. w.c.*). As a result, these media deliver consistent, **superior H₂S removal efficiencies** over their service life, with many systems expected to perform well beyond the warranty period.

What the Warranty Covers

GES Biotek’s warranty is designed to give owners, engineers, and operators peace of mind. The CMP and ECMP **20-Year Limited Pro-Rated Warranty** provides assurance that the media will:

- **Maintain its physical structure and integrity.**
- **Resist compaction and breakdown** under normal operating conditions.
- **Withstand acidic environments** typical of H₂S biofiltration.
- **Continue to support robust microbial populations** for odor treatment.

Media Type	Typical Life	Issues
Organic Media (wood chips / compost)	2 – 5 year	Degrades, compacts, frequent replacement
Aggregate (rock / coated media)	varies	Heavy, high installation cost
Cell-Max™ Plus / Enhanced Cell-Max™ Plus	20+ years	Stable, lightweight, long-term performance



* Actual pressure drop depends on system design, airflow, media depth, moisture, and biomass growth.



20-Year Warranty,
20+ Year Life

Longer media life means:

- **Reduced lifecycle costs**
- **Minimal downtime for media changeouts**
- **More reliable budgeting**

Why It Matters

Media replacement is one of the most expensive and disruptive maintenance events in a biofilter system. With CMP and ECMP, facilities can:

- **Reduce lifecycle costs** significantly.
- **Avoid frequent shutdowns** and media changeouts.
- **Achieve long-term performance stability** (20+ years).
- **Improve budgeting** with predictable, extended service intervals.

Performance You Can Trust

With **over 3 million cubic feet** of media successfully deployed in municipal and industrial applications across North America and internationally, CMP and ECMP have been proven to achieve:

- **Up to 99%+ H₂S removal efficiencies.**
- **Consistent performance** across varying load conditions.
- **Proven operation** in harsh and high-moisture environments.

Designed for Today’s Infrastructure

Manufactured in the USA from post-consumer recycled glass, CMP and ECMP align with modern sustainability goals while delivering **superior engineering performance**.

Their **lightweight structure** also reduces shipping and installation costs compared to traditional aggregate media.

The GES Biotek Commitment

For over 25 years, **GES Biotek** has led the industry in bio-oxidation media innovation. Our **20-Year Limited Pro-Rated Warranty** reflects our confidence in our media and our commitment to delivering long-term, dependable odor control solutions. **Replace your media once — not every few years.**

Let’s Talk About Your System

If you’re evaluating media replacement, system upgrades, or looking to reduce long-term operating costs, **our team is ready to help.**

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GES BIOTEK, LLC — Engineered Solutions for Advanced Biological Odor Control