



Petrifilm®

Neogen® Petrifilm® Plates

# Maximizing Sustainability



# A more sustainable solution for...

## The Environment:



**76%**  
Less energy



**79%**  
Less water



**75%**  
Less CHG  
emissions



**66%**  
Less waste

## Your Business:



Save analysis  
time by  
**48%**  
on average\*\*



Results in  
**6**  
seconds or  
less



Data in  
up to  
**1/2**  
the time\*\*



Up to  
**85%**  
less space  
than agar\*\*\*

Sustainability has become an increasingly important goal for companies all over the world — and that includes Neogen. That's why we continue to invest in products and technologies that can help companies everywhere meet their business and sustainability goals.

Neogen Petrifilm Plates are a prime example of our innovation delivering sustainable results. For 40 years these “little red dots” have helped our customers reduce waste, cut greenhouse gas emissions (GHG), save energy and consume less water. What's more, they've delivered these benefits while helping to streamline, standardize and simplify the entire process of microbial indicator testing.

A study compared the environmental impacts of Petrifilm Plates with traditional agar methods and found that when comparing raw materials, manufacturing, packaging, use and disposal, Petrifilm Plates used 76% less energy and 79% less water, emitted 75% less greenhouse gas (GHG) and produced 66% less waste.<sup>2</sup>

<sup>1</sup> Results compared to traditional agar plates.

<sup>2</sup> “Reduction in Primary Energy Demand, Blue Water Consumption and Greenhouse Gas Emissions from Neogen® Petrifilm® Plates Compared to Traditional Microbiological Analysis Method,” Neogen, 2023.



**Being environmentally responsible and delivering business results do not have to be at odds with each other. Petrifilm Plates give users a reliable, accurate alternative to traditional test methods, allowing them to make their testing operations more efficient and productive while reducing their environmental impact.**



As important as environmental sustainability is to the planet, economic viability is just as critical for your business. The long-term financial success of your company is ultimately built on the productivity and efficiency of your processes and employees. With significant productivity and performance advantages over traditional agar plates,<sup>2</sup> it's no wonder that Petrifilm Plates have become the standard in microbial indicator testing for companies all over the world.



# Together, we can serve our global community in the most responsible way possible

Operating in a sustainable manner is critical to our mission of protecting the people and animals we care about, and doing so benefits Neogen, as well as our customers, partners, and shareholders.

It is our responsibility to our world to assess the impact we have on our environment and manage our resources in a way that protects future generations. We must consider the environmental impact of all we do.

We also enable our customers to be more sustainable. We partner with our customers, making their businesses more compliant, efficient, and sustainable by providing innovative biosecurity and environmental monitoring solutions that assist in managing harmful pests, microbes, and disease-causing pathogens.

## To reduce environmental impact, we strive to:

- Minimize or eliminate the production of pollutants
- Minimize the energy required by our processes and products
- Minimize the materials used in our products and packaging
- Maximize recyclability of our products and packaging materials
- Minimize production waste
- Recycle production components
- Provide solutions for the control of harmful microbes, and pests that can result in waste
- Dispose of waste only in ways approved by environmental agencies

Learn more about improving your lab's sustainability at [info.neogen.com/petrifilm](https://info.neogen.com/petrifilm)



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