Minimizing risk. Maximizing sustainability.

3M™ Petrifilm™ Plates
Sustainability has become an increasingly important goal for companies all over the world—and that includes 3M. That’s why we continue to invest in products and technologies that can help companies everywhere meet their business and sustainability goals.

3M™ Petrifilm™ Plates are a prime example of our innovation delivering sustainable results. For more than 30 years these “little red dots” have helped our customers reduce waste, cut greenhouse gas emissions, 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 recent study compared the environmental impacts of 3M Petrifilm Plates with traditional agar methods. The study found that when comparing raw materials, manufacturing, packaging, use and disposal, 3M Petrifilm Plates used 76% less energy and 79% less water, emitted 75% less greenhouse gas and produced 66% less waste.1 3M also has a long-standing commitment to responsible sourcing and sustainability of our forest resources.
A more sustainable solution for your business.

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, it’s no wonder that 3M Petrifilm Plates have become the standard in microbial indicator testing for companies all over the world.

Converting from agar to 3M Petrifilm Plates can cut labor costs by an average of 45%. A study of 292 food processing plants showed an average increase of 80.5% in QA personnel efficiency with 3M Petrifilm Plates—or 3.7 hours of technician time saved per day.

With 10 products that can deliver results in 24 hours or less, 3M Petrifilm Plates can provide data in about half the time of traditional agar methods.

Shelf stable and nearly as thin as paper, 3M Petrifilm Plates take up to 85% less of your valuable counter and storage space.

“Being environmentally responsible and delivering business results do not have to be at odds with each other. 3M Petrifilm Plates give users a reliable, accurate alternative to traditional test methods, allowing them to make their testing operations more efficient and reduce their environmental impact.”

—Silvia Perez, Vice President, 3M Food Safety
A commitment to improving our business, our planet and every life.

Sustainability is a core value at 3M—in our own operations and in the products we invent. As a science-based company, we work every day with customers around the world to help solve sustainability challenges at every level. Here are just a few of the global challenges we’re addressing now to help “advance every company, enhance every home and improve every life.”

Raw Materials
For decades, 3M has worked to improve the raw materials we use as a company. This process has helped us significantly boost our sustainability through increased reliance on renewable resources, steady reduction in our waste stream and a new movement to drive supply chain sustainability through tracing raw material origins.

Water
3M recognizes that improving water quality and reducing water consumption are critical elements in our commitment to environmental stewardship. While water continues to be an important component of our manufacturing systems, we are working steadily toward reducing our water footprint.

Energy & Climate
Recognizing that energy usage and climate concerns require systematic change, 3M has committed to an ambitious program of energy and climate goals for 2025, which includes boosting renewable energy to 25% of our total electricity use and cutting GHG emissions to at least 50% below our 2002 baseline.

Health, Safety, Education & Development
Awareness is growing worldwide about the need for improvements in health and safety issues as well as education and personal development. With science as our driving force and collaboration our touchstone, 3M is in a unique position to help transform the future for the next generation.

Learn more about how 3M™ Petrifilm™ Plates can help you meet your sustainability goals at 3M.com/foodsafety/sustainability and 3M’s commitment to environmental stewardship at 3M.com/SustainabilityReport.