



# ENVIRONMENTAL SUSTAINABILITY



Safety at work®





## Innovating for You ... for the Planet ... for a Better Future

We're committed to helping keep your workers safe. At the same time, we take our responsibility as good stewards of the environment seriously, and that helps keep *everyone* safe.



Our solar array will provide energy over its lifetime equivalent to removing **40,000** gas-powered cars from the roads! That reduces our carbon emissions by approximately **5,700** metric tons of CO<sub>2</sub> every year.



31-acre campus in Romeoville, IL

## CREATING ENERGY & CONSERVING RESOURCES

We began our sustainability journey over a decade ago as we grew into a new Corporate Headquarters and sought ways to conserve energy and resources in our manufacturing operations. Today, we continue to make progress for the good of the community and the planet we all share.

### [The Largest Privately Held Rooftop Solar Array in the Midwest](#)

**Solar Panels** | We topped our 700,000 sq ft. facility with the largest privately held rooftop solar array in the Midwest with over 10,000 photovoltaic solar panels.

**Storage Batteries** | Beyond storing energy, our state-of-the-art batteries allow us to participate in an energy consortium that provides stabilizing voltage regulation for the Eastern Interconnection Power Grid serving 13 states and Washington D.C.

### [Energy Conservation](#)

**Electric Cars** | Charging stations allow team members who drive electric cars to charge them at work for free.

**Conserving Water & Electricity** | Plumbing and lighting fixtures in our facility are high-efficiency, auto-shutoff, and motion activated to minimize the water and energy we use. Our dual closed loop HVAC system reuses water to cool and heat our building.



# DURABLE & SUSTAINABLE PPE

We're on a mission to manufacture durable products with the minimum environmental impact.

## Sustainability

The GP102, our flagship sustainable glove, switches away from the traditional process of manufacturing micro-foam nitrile coated gloves, which wastes an enormous amount of drinkable water.

- ▶ Honored by *Environmental Protection's* 2023 New Product of the Year, the GP102 has a 90% recycled knit shell and a palm coating manufactured using no clean drinking water.
- ▶ This foam coating is softer and more flexible than standard nitrile, while maintaining the oil and water resistance of traditional foam nitrile.

## Durability

Many of Magid's new technologies and materials are significantly more durable and last longer than items that may only seem economical. A durable glove that lasts many hours on the job reduces the number of gloves you purchase, lowers your lifetime cost, and keeps discarded gloves out of the landfill.

|                      | Cheaper Glove | Durable Glove |
|----------------------|---------------|---------------|
| Cost per Pair        | \$2.61/pair   | \$7.75/pair   |
| Wear Time on the Job | 4.1 hours     | 63.87 hours   |
| Cost per Hour        | 64 cents      | 12 cents      |
| Annual Cost Total*   | \$399,360     | \$74,880      |

\*Based on 300 employees working 40 hours for 52 weeks.

## PROTECT YOUR HANDS SAVE THE PLANET

Soft, flexible, and sustainably manufactured foam nitrile coating ensures reliable grip of small parts even in wet/oily conditions.

### SUSTAINABLY MANUFACTURED PALM COATING USES NO CLEAN DRINKING WATER

One 40-foot container of traditional micro-foam nitrile coating uses an entire year's worth of drinking water for 688 people. GP102's palm coating uses NO drinking water AT ALL!



90% recycled polyester & 10% spandex blend shell adds stretch and breathability.

Packaged in 100% recycled material.



We work every day to find ways to be greener in our products, our packaging, and our manufacturing practices to achieve our sustainability goals.

Gary Cohen, Senior Director Global Product Strategy & Quality





# | GREENER MANUFACTURING & PACKAGING

Our first steps on the way to greener manufacturing and a more sustainable product line.

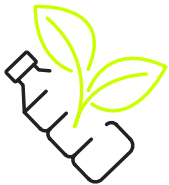
**Recyclable Packaging** | Every new product innovation is packaged in cardboard sleeve packaging instead of plastic polybags.

**Leather** | We use the latest technology in computer-assisted laser leather cutting in both our Romeoville, IL and Philippines manufacturing plants to minimize leather waste.

**Planning for the Future** | Like the GP102, our future product innovations will be made from recycled yarn polymers wherever possible.



**CARDBOARD**



**PLASTICS**



**METALS**



**YARNS**

## | REDUCING, REUSING, & RECYCLING

Wherever possible, we reduce, reuse, and recycle materials. We're always on the lookout for ways to reduce our carbon footprint and keep materials out of the landfill.

### Thinking Outside the Box

- ▶ Most manufacturing facilities discard broken pallets, but we collect the pieces and build new ones!
- ▶ We even reused the rocks that used to cover our facility roof for landscaping purposes to conserve water and nurture trees!



# OUR COMMITMENT TO FUTURE GENERATIONS

We're on a journey to...

- ▶ Continuously review our practices and products to see how we can make them greener.
- ▶ Review the life cycle of every new product to see how we can make improvements throughout the supply chain.
- ▶ Choose like-minded suppliers for our distribution business.

Join us!

Magid Glove & Safety Manufacturing, LLC hereby disclaims any warranty or representation, express or implied, including the products' or goods' fitness for any particular purpose. Specifications are subject to change without notice. Trademarks are the property of their respective owners. ©2024 Magid Glove & Safety Mfg. Co. LLC. All Rights Reserved. FLYSUSTAIN Rev. 0524

800-444-8030 | [marketing@magidglove.com](mailto:marketing@magidglove.com) | [magidglove.com](https://magidglove.com)

**MAGID**  
Safety at work®