



SorensonTM

BioScience, Inc.

Sustainability and Environmental Policies
Zack Heath, Product Line Manager
July 2025

Distributed by



Environmental Policy



Sorenson BioScience is committed to protecting the environment through continuous improvement of our processes, products, and services... Sorenson is committed to the prevention of pollution and protecting the environment.

-- From Sorenson Environmental Policy

Like most companies, we claim to be sustainable and environmentally friendly. But unlike other companies, we have verifiable proof:

- ISO 14001:2015 (environmental management system) certified since 2013.
 - Confirmed via annual audits performed by 3rd party; see certificate on final slide of presentation.
- ISO 13485:2016 (quality management system) certified since 2018.
 - Confirmed via annual audits performed by 3rd party; see certificate on final slide of presentation.
- EnergyStar Certified since 2016.
 - This means our building is among the top 25% for least energy usage and least greenhouse gas emissions compared to similarly sized industrial use buildings.
- Complete corporate commitment to sustainable policies and compliance to all USA environmental policies.
 - Audited every three years by Corning corporate.
- Full-time staff at Sorenson dedicated to environmental, health, and safety policies.

Sorenson BioScience offers many sustainable product options.

- HybridRack is Sorenson's flagship sustainable product. Featuring a 70% reduction in polypropylene and a stable pipetting platform, HybridRack combines sustainability and functionality.
 - In July 2025, HybridRack was awarded the MyGreenLabs [ACT Label](#), with one of the lowest, most sustainable scores awarded for a pipet tip product.
- OneTouch tips with *E·dek* packaging is the world's first paperboard pipet tip rack. *E·dek* pipet tip racks can be recycled along with other paper waste, making recycling much easier.
 - *E·dek* racks are made with paperboard sourced from sustainable forests and printed with soy and vegetable-based inks.
 - *E·dek* racks launched in 2008, proving Sorenson's long-term commitment to sustainability.
- Sorenson uses internally **recycled raw material** wherever possible. We are constantly investigating where we can expand the use of recycled raw material. Several products are made using recycled raw material:
 - 1000ul tips, 200ul BH/NX tips, and 200ul standardization tips are manufactured using **recycled** polypropylene.
 - Pipet tip racks for 10ul and 200ul size tips are manufactured using **recycled** polypropylene.
 - Polystyrene cluster tubes are manufactured using **recycled** polystyrene.
- Bagged and Reloadable pipet tip formats encourage customers to reuse pipet tip racks, allowing us to **conserve** plastic. Sorenson offers multiple reload formats in a variety of tip volumes.

Sorenson BioScience uses sustainable manufacturing techniques throughout the facility.

- Over the past decade, Sorenson BioScience has been transitioning from hydraulic injection molding machines to electric injection molding machines. Approximately 66% of Sorenson's molding machines are now electric.
 - Electric injection molding machines use about **60% less power** compared to hydraulic injection molding machines.
 - Electric injection molding machines **do not require harmful hydraulic fluid and require significantly less oil** during the manufacturing process.
 - Additionally, the long-term cost savings from **using less energy** allows us to remain cost competitive.
- In addition to electric molding machines, Sorenson is also transitioning to "hot runner" molds.
 - Hot runner molds **use raw material more efficiently**, creating less waste during production when compared to cold runner molds.
 - Hot runner molds also have faster cycle times than cold runner molds, meaning they make more product in the same amount of time, **using less energy and less raw material**.
- Where cold runner molds are used, we are focused on expanding the process of capturing excess waste and recycling/regrinding it. We recycle some waste in-house and sell some of our recycled waste to other companies.

Sustainable Mentality



There are several other smaller impact actions we have taken in the last several years.

- Sorenson utilizes a closed loop **water recycling system**. The only reason water is replaced in this system is due to evaporation.
- Sorenson uses power sourced from Murray City, which derives about half of its power from **renewable** sources.
- Ultra efficient LED lighting is used across the production floor and office areas, **saving energy** and keeping cost down.
- Sustainable raw materials are used whenever possible, including cardboard boxes made from up to **75% recycled** materials.
- All aspects of manufacturing (including sterility) happen within 10 miles of the facility, resulting in **less transportation emissions** and less transportation costs than competitors.
- Expired product is donated to local high schools, **recycled in-house**, or sold to a recycler instead of being thrown away.
- Sorenson is compliant to all United States **Environmental Protection Agency** laws and regulations.
- Earth day is celebrated at the plant, where we educate our employees about what they can do to live more sustainable and pass out seeds to plant home gardens.

Sustaining to the Future

Sorenson BioScience remains committed to developing sustainable solutions that are eco-friendly and fulfill customer demands.

- Expanding our sustainable pipet tip rack offering is a top priority for Sorenson BioScience. We currently have two projects that are early in the development phase:
 - Bringing an improved *E-dek* style rack to market for OneTouch tips and expanding the paperboard rack to traditional tips.
 - Bringing a polyethylene rack to market. Polyethylene is the easiest plastic to recycle, all over the world.
- Continuing our strategic shift towards electric injection molding machines and hot runner molds and expanding our use of recycled/reground plastic.
- Finding additional opportunities to move to more sustainable packaging, including shrink wrap, tapes, labels, case boxes, and pack boxes.
- Continually investigating new raw material options for chemicals used in the manufacturing process (low binding treatment, inks, oils, etc.)

CERTIFICATE

Certificate Number: 540172.001

The Environmental Management System and implementation of:

CORNING - Sorenson BioScience, Inc.

With Central Functions At:
6507 South 400 West
Salt Lake City, UT 84107
United States

meets the requirements of the standard:

ISO 14001:2015

Scope:

The design, manufacture, and distribution of disposable liquid handling products for research in molecular biology and related fields.

Site Activities:

6507 South 400 West, Salt Lake City, UT 84107 – The design, manufacture, and distribution of disposable liquid handling products for research in molecular biology and related fields.

6512 South 400 West, Salt Lake City, UT 84107 – Engineering.

6530 South 400 West, Salt Lake City, UT 84107 – Storage.

Certification Structure: Campus

Certificate Expires: March 02, 2026
Certificate Issued: March 03, 2023
Certified Since: March 03, 2014



Dr. Cem O. Onus
Managing Director

DEKRA Certification, Inc.
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<https://www.dekra.us/en/audits/>



Certificate of Registration
of Quality Management System
to I.S. EN ISO 13485:2016
The National Standards Authority of Ireland certifies that:
Corning Incorporated
836 North St.
Building 300
Suite 3401
Tewksbury, MA 01876
USA

has been assessed and deemed to comply with the requirements
of the above standard in respect of the scope of operations given
below:

The Design and Development, Manufacture and Distribution of Sterile and
Non-Sterile Fluid Handling and Tissue Culture Products, Disposable Medical
Labware, General VFD Products, Sterile Cell Culture Media, Salt Solutions,
Antibiotics, Supplements and Reagents, Molecular Biology Buffers, and
Animal Sera used in conjunction with VFD Applications and Cellular
Therapies.

Additional sites covered under this multi-site certification are listed on the Annex
(File No. 6018-0117)

Approved by:  Approved by: 
Caroline Dine, Managing Director of Medical Devices / Head of Certified Body

Registration Number: 6018-0117
Certification Granted: March 23, 2018
Effective Date: January 23, 2022
Expiry Date: January 22, 2023



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