



Responsive

and dedicated to a more
sustainable world.

It's all about **the chemistry™**





Contributing to a sustainable tomorrow, today.

In SONGWON's more than 50 years of history, we have learned to constantly prepare for the future and the many changes it brings. And as our business expands around the world, so do our sustainability priorities and they drive our efforts to create value for future generations.

We consider it our duty to contribute something that will last, to act with environmental responsibility and to respect and preserve our world for the future.



We stand for

SUSTAINING PEOPLE AND THE ENVIRONMENT

Committing to deep, ongoing sustainability, social and ecological responsibility, while creating value through innovation represents the very core of what SONGWON is all about.

DOING THINGS RIGHT

Conducting our business and our affairs in full compliance with all relevant laws and regulations and in accordance with the highest ethical standards is one of our top priorities.

ACHIEVING WITH PRIDE

Receiving recognition and acknowledgement for the dedicated efforts of our people makes us proud and encourages us to forge ahead.

For the 3rd consecutive year, in 2019 we have been awarded **the EcoVadis* gold recognition** level for Corporate Social Responsibility which places SONGWON among the top 3% of all businesses assessed.

SENDING CLEAR SIGNALS

Demonstrating that we take our responsibilities and obligations seriously, and have always been committed to transparency is very important to us. Each year in our Sustainability Report, we communicate our impacts, strategies and contributions to sustainable development in accordance with the GRI guidelines**.

* EcoVadis is an independent rating agency specializing in sustainable development and performance monitoring. Their detailed rating methodology is built on international CSR standards, including the Global Reporting Initiative, United Nations Global Compact and ISO 26000.

** Global Reporting Initiative (GRI) guidelines facilitate transparency and accountability by providing a universally applicable, comparable framework for reporting an organization's economic, environmental, and social performance.



The environment around us

**Dedicated
to ecological
stewardship.**



We are deeply committed to reducing our impact on our surroundings, addressing local and global environmental challenges and striving to advance environmental sustainability.



MATERIALS

To create a sustainable environment now and in the future, we view making every effort to conserve and enhance natural resources as one of our highest obligations. We seek to capture every opportunity to use raw materials from renewable sources to improve SONGWON's environmental performance and to ensure that we can recycle those materials.

In cooperation with the German based innovative packaging specialists, RPC bpi nordfolien (www.nordfolien.com/en/), SONGWON has become one of **the 1st chemical companies in the world** to pack products in 20kg PE-bags made of 50% recycled polyethylene.



WATER

Water is one of our most vital and valuable natural resources. It is also an important part of SONGWON's manufacturing process and we challenge ourselves on an ongoing basis to identify and implement ways to reduce our water consumption and improve the quality of discharged.



BIODIVERSITY

Although SONGWON's current operations have no direct effect on biodiversity, we still support conservation and the sustainable use of biodiversity. Ensuring that a healthy biodiversity is maintained is essential to the survival of all living things and it is something we feel very strongly about.



GREENHOUSE GAS MISSIONS

Reducing greenhouse gas emissions on a global scale is crucial if we are to avoid drastic global warming. Although renewable energy is growing fast, unfortunately it is not growing fast enough. This is why one of our main objectives is to continue to reduce SONGWON's total carbon emissions overall and per each product we produce.



EFFLUENTS AND WASTE

SONGWON always seeks to take advantage of the most practical and sustainable waste management solutions available today. We continue to lower our levels of effluents and waste and are in fact, exceeding current standards in terms of quantity and quality.



ENERGY

We understand the important role good energy management plays in sustainable development. Wholly committed to improving the efficiency of SONGWON's operations, we are reducing our energy use and associated costs and engaging in an energy consumption reduction program.

Here are just a few of our successfully implemented initiatives:

- optimizing the use of steam during the distillation step
- recycling (partial) of washing solvents and mother liquors after the crystallization step
- reusing the steam condensate as boiler feeder water
- installing solar panels on the warehouse roof
- using an inverter to save electricity
- recovering solvents from the final product drying step
- direct recycling in crystallization of the recovered solvents
- improving process by eliminating the use of solvents
- reusing recovered products, intermediates and raw materials from tars and solid wastes

Aligning our processes with our sustainability goals.

At SONGWON, we aim to raise the bar on manufacturing excellence. Our continual investment in the latest technologies enables SONGWON to deliver superior quality, high performance products to our customers in the most efficient and environmentally responsible way possible today.

EFFICIENCY

With our commitment to exceeding industry standards, a multi-faceted approach to optimizing our operations and world-class production techniques, we achieve manufacturing efficiency and deliver products of the highest quality. Wherever we can, we also concentrate on reducing costs and improving our chemical yields to reduce SONGWON's utility consumption level.

AWARENESS

We foster a culture of environmental awareness that promotes sustainable work practices and keeps health and safety at the top of our priority list. Our people are given regular safety trainings and extensive guidance on EH&S especially in relation to chemical hazard management.

PREVENTION

For us, a core part of sustainable development and long-term planning is sharing resources and knowledge across the organization in order to withstand any risks which may arise. In addition to regularly assessing our facilities and defining risk reduction and mitigation actions, all of SONGWON's employees actively engage in identifying and managing risks, as well as finding ways to improve EH&S.





A closed system and single step process, FFS technology offers us a wide range of sustainable advantages:*



reduced packaging



highly efficient



improved safety



improved storage



low maintenance



increased protection

**FFS (Form, Feed and Seal)*

In 2017, we installed the FFS (Form, Feed and Seal) technology into SONGWON's Maeam plant in South Korea. It represents a significant step forward in our drive for increased flexibility and supports us to meet the demands of the market while adhering to our sustainability targets.



Innovation

**Mastering global
challenges with
leading-edge
solutions.**



AUTOMOTIVE COMPOUNDING

SONGXTEND® 2124 was especially designed to meet the demand for glass-fiber re-enforced polypropylene which further reduces wall thickness and makes lighter design possible.



AUTOMOTIVE INTERIORS

SABO®STAB 228 50PP and SABO®STAB UV 229 50PP with their excellent polyolefin stability and compatibility were developed to meet the automotive industry's stringent demands in terms of low VOC, fogging and blooming, as well as total carbon emission.



BUILDING & CONSTRUCTION

SONGXTEND® 1301 was developed to protect polymeric flame retardants in XPS applications. SONGFLAME* 201 is a powerful enabler for halogen-free expanded polystyrene (EPS) foams, which are crucial to the design of energy-efficient buildings based on sustainable materials. SONGFLAME* technology advances the development of environmentally compatible flame-retardant wood construction elements that fulfill the latest durability and fire-safety standards.



AGRICULTURAL FILMS

SABO®STAB UV 216 provides protection and extends the life of agricultural films, even when high levels of pesticides are used. SONGWON's products are also used in the production of greenhouse and mulch films which both reduce water consumption levels.



COATINGS MANUFACTURING

SONGSORB® CS 400 liquid triazine UV absorber was developed to allow the formulation of low-to-zero VOC coatings, while enhancing durability and substrate protection.



RECYCLING

SONGXTEND® 2721 stabilizer improves the long-term thermal stability (LTTS) of recycled polypropylene compounds and was designed to meet the stringent European automotive OEMs' LTTS requirements for interior or under-the-hood applications.

“To fulfill our commitment to sustainable sourcing practices that create, protect and grow long-term environmental, social and economic value, we partner with suppliers who adhere to the same high sustainability, safety and ethical standards as SONGWON.”

Sourcing

Ensuring a reliable and sustainable supply chain.

At SONGWON, we have always been mindful of the importance of conducting our business in a responsible manner. This involves embracing professional business ethics which include the responsible sourcing and procurement of materials in our quest to provide customers with high quality, sustainable products. We also invest in making our supply chain stronger and more efficient while fostering sustainability at every stage.





RELATIONSHIPS & RELIABILITY

Relationship building is our DNA. From the founding of our organization, we have always sought to build relationships based on the principles of responsible sourcing. We also expect SONGWON's supply partners to abide by the highest social, ethical and environmental performance and safety standards as we at SONGWON do.

SUPPLIERS' CODE OF CONDUCT

We evaluate our suppliers' sustainability performance based on key factors such as labor laws, EH&S, human rights, business ethics, etc. This is how we make sure that SONGWON works with the best in the business worldwide and can contribute to a healthier, controlled, more transparent, and ecologically sound supply chain.



People

Our commitment to sustainability unites us.

With everything we do, we think about how it relates to people and the environment. Being a successful organization is not just about SONGWON's performance and achievements but about acting in a responsible, ethical and law-abiding way. For us, it's important that our employees feel engaged and proud of being a part of a company that has the highest standards of integrity, passionately protects its people and acknowledges their valuable contribution.

Highly responsible culture

Our inherent sense of responsibility begins from within and is demonstrated by how we respectfully behave towards each other and all of our stakeholders, as well as how we really live SONGWON's values on a daily basis. A fundamental part of our corporate culture is making sure that our employees diligently follow SONGWON's rules of business engagement with regard to external legislation and regulations, as well as our guidelines and the internal control documentation required by law.

How SONGWON values and supports employees at all levels



EMPOWER

By providing an environment for innovating, contributing and collaborating



SUPPORT

By inspiring innovative creativity and entrepreneurial team spirit



ENCOURAGE

By creating the "room" for expressing ideas and opinions



ENABLE

By granting the "space" for taking responsibility & decision-making



VALUE

By applauding diversity & unique perspectives



ENDORSE

By establishing an open atmosphere for honest 2-way communication & trust-building



CHALLENGE

By stimulating individual development, learning & realizing full potential



ACKNOWLEDGE

By commending efforts, hard work & achievements

Code of conduct

Our Code of Conduct is a clear summary of SONGWON's values, ethical principles, compliance with laws, rules and regulations, and also contains internal guidelines and procedures.



“We see CRS as a compass that ensures SONGWON continues to grow in a responsible way. Our commitment to helping humanity is not simply made by the donation of money but also by the initiatives directly initiated by our people which makes us really proud.”

Responsibility

Deeply committed to giving back.

As a leader, our sense of responsibility goes beyond minimizing our environmental footprint. We look beyond our organization to see where we can make a positive contribution to humanity and support the vulnerable and less privileged in our communities.

SOME OF OUR CSR EFFORTS

At SONGWON, CSR (Corporate Social Responsibility) is an ongoing effort and an obligation that we take very seriously. For us, a great business is powered by driven people who embrace the global principles of corporate social responsibility.

CARING FOR THOSE IN NEED

Our sense of responsibility is as great as our capacity to act. Addressing some of the wider issues that affect us as global citizens, we support a variety of socio-economic, educational and health initiatives and programs.



SONGWON *has supported:*

"HEALING SHOES"

a charitable program for underprivileged children in Laos and Cambodia.

"CLEANING HANDS"

a Korean Health and Welfare program aimed at raising awareness of how important cleanliness is to remaining healthy.

BLUE CROSS YOUTH CORPS

educates Korean medical healthcare students on how to handle various types of medicine, but also on ways to discard medicine waste properly to prevent polluting and damaging the environment.

WORLD ENVIRONMENT DAY

initiated by the UN in 1972, the special day is dedicated to creating a cleaner, greener and brighter world.

STREET TO SCHOOL-STS

a sponsorship program aimed at supporting education in a local community in Karachi, Pakistan.

FRESH WATER PROJECT

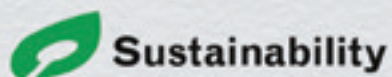
an initiative to help a local community in Karachi, Pakistan to gain access to a fresh water supply.

RED TIE CAMPAIGN

National Hemophilia Foundation initiative in the US that raises awareness and advance the fight against inheritable bleeding disorders.

CHILDREN'S MIRACLE NETWORK HOSPITALS (CMN)

since 1983, CMN has increased funds and awareness for 170 children's hospitals across the United States and Canada and helped numerous ill children.



At SONGWON, we fully embrace our obligation to sustainability through our pursuit of innovative technology that contributes to building a healthier, less wasteful and more ecologically sound tomorrow.

In line with this, we offer customers the freedom choice with regards to information. Although still offering high-quality printed brochures, we also offer the paper-free option of downloading them quickly and easily via a QR code.

Furthermore, we have progressively reduced the overall number of printed materials we produce. Those we do still produce are printed as sustainably as possible. Using a climate neutral printing process which has earned us the Climate Partner label, we print on FSC certified paper made with materials from well-managed forests and/or originating from recycled sources. Our efforts don't end there but extend to distribution. To achieve more sustainability, we use the eco-friendly DHL Go Green - a worldwide environmental protection program with the global target of zero emissions by 2050, to distribute our materials.

This brochure was made as sustainably as possible.



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