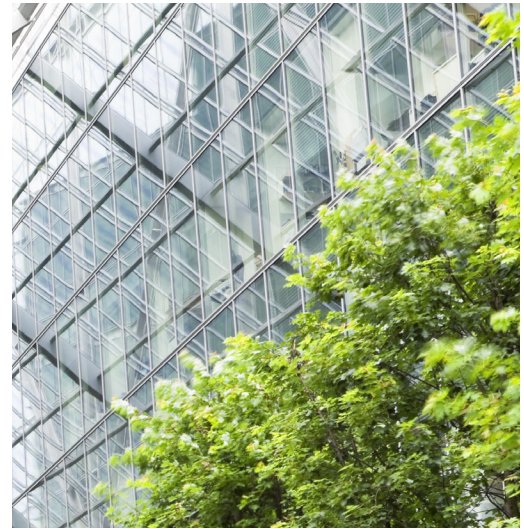
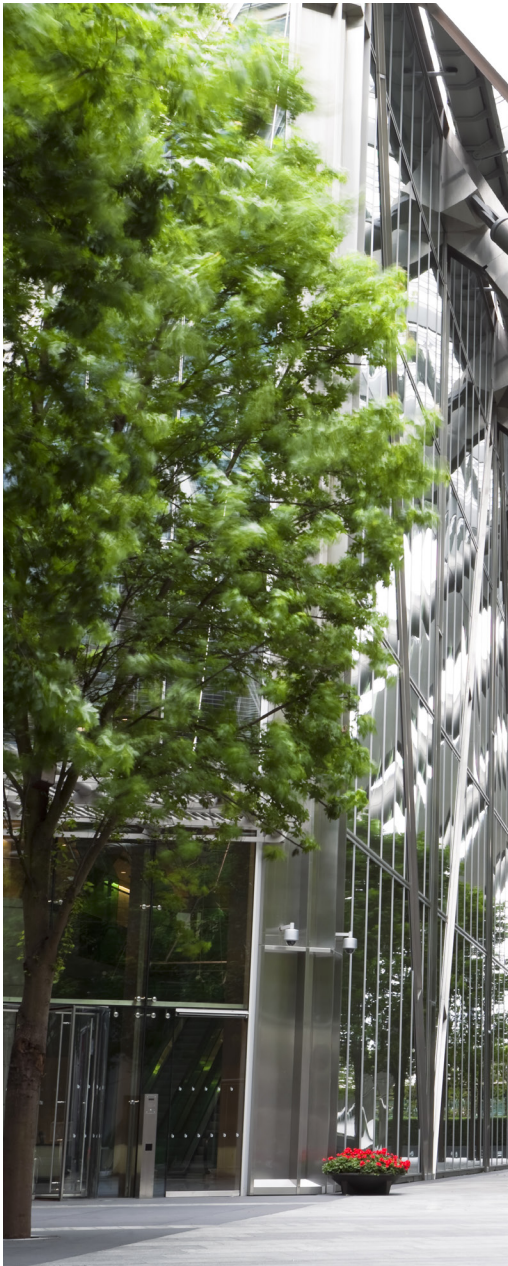


Sustainability

As a leading provider of technical insulation, we make our mark by designing solutions that help customers pursue their own sustainability ambitions, be it by saving energy, achieving acoustic comfort, enhancing fire safety, or reducing CO₂ emissions. We continually focus our innovation on megatrends while pursuing more sustainable manufacturing practices and optimizing our value chains. Our sustainability efforts are a direct reflection of our vision, engagement, and commitment to making a difference around the world.

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is the capacity to...
In ecology the word describes
how biological systems remain
diverse and productive over
time. For humans it is the
SUSTAINABILITY
has become a wide-ranging term
that can be applied to almost
any facet of life on Earth, from



armacell[®]

MAKING A DIFFERENCE AROUND THE WORLD

Our Approach to Sustainability

Solutions that save energy, protect investments, and provide value over time.

Armacell's innovative and safe thermal, acoustic, and mechanical insulation solutions are key to a wide range of everyday applications that bring sustainable value to people's lives. We are committed to caring for the environment, pursuing resource savings, and working towards optimizing our value chains to reduce the carbon footprint. We further comply with stringent local and global regulations and are aligned to legislative requirements across the world. To manage and review our progress made on our sustainability goals, Armacell's Sustainability Steering Committee (SSC) actively promotes a culture of sustainability and identifies specific areas of commitment focus. This enhanced governance ensures a constant and transparent flow of communication and provides strategic direction related to our sustainability strategy and metric development. Our strategy is built on four areas or pillars of commitment. These pillars support the implementation of our sustainability activities every day.

- Investing in our People
- Protecting our Planet
- Enabling Governance
- Furthering Sustainable Growth

FUNDAMENTALS

Sustainable development requires an integrated approach that takes into consideration environmental concerns and climate mitigation, social development, along with economic prosperity. Embracing more sustainable models opens up opportunities for Armacell to look for alternative materials, green solutions, or bio-based products to serve our customers globally. We are committed to caring for the environment, resources management, and working towards optimizing our value chains to reduce our carbon footprint. We further uphold stringent health and safety rules and international labor standards in our operations. In 2022, we continued to invest in green technology solutions like the fast-growing European district heating market that uses pre-

insulated pipes. In our interaction with customers, we spent the last twelve months identifying and formulating Environmental, Social and Governance (ESG) questions and sustainability topics that would allow us to collect data and truly understand customers' expectations. We also conducted a comprehensive assessment of our direct and indirect emissions to reinforce Armacell's carbon strategy and help define a clear path towards reducing carbon emissions in years to come.

GOVERNANCE

We focus on five of the UN Sustainable Development Goals (SDG) that are intrinsically linked to our business. Our corporate sustainability engagements reflect and will be further aligned with evolving legislative requirements and most recent global initiatives, such as the European Green Deal, EU Taxonomy, COP27 actions and the EU's Corporate Sustainability Reporting Directive (CSRD). These certifications and initiatives all demand that we deliver a material contribution to reducing greenhouse gas emissions, mitigating climate change, protecting biodiversity and human health, and preserving the natural environment.



OUR SOLUTIONS THAT PROMOTE SUSTAINABILITY

Insulation materials are among the few industrially manufactured products that actually save more energy in the course of their lives than is required for their manufacture. Armacell’s current Life Cycle Assessment (LCA) established that 140 times more energy is saved through the use of ArmaFlex products than is needed for their production, transport, and disposal. Furthermore, ArmaFlex saves 150 times more greenhouse gas emissions than are caused by its production.

As a global organization, we are ever evolving and striving to increase sustainability not only in our products, but also within our processes and systems. Armacell places the highest value on global citizenship and the social dimension of sustainability. When you partner with Armacell, we extend this vision to you and your own sustainability initiatives.

Beyond national climate goals, **22** states have official clean energy goals, and **33** states have Climate Action Plans in place in the US in 2023. ¹

DOWNLOAD OUR 2022 SUSTAINABILITY REPORT [HERE](#).

Sustainability Achievements



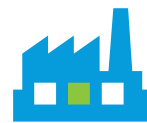
25%

reduction in packaging volume for insulating tubes



92%

recycled PET used in PET Foams



17%

energy recovery from production waste conversion



15%

of Armacell’s purchased energy was based on renewable energy



9,463

tons of production scrap was re-used in finished good



2.5

billion recycled PET bottles to create ArmaPET products

¹ <https://www.climatecentral.org/climate-matters/climate-solutions-in-every-state-2023#:~:text=Beyond%20national%20climate%20goals%2C%202022,but%20trends%20vary%20among%20states.>

GREEN BUILDING STANDARDS

The building sector is the single largest consumer of raw materials worldwide and the leading producer of greenhouse gas emissions. This is why it is imperative that we offer our valuable assistance and provide our solutions. Obtaining green or wellness building certifications is easy with our solutions as they positively contribute to the world's leading sustainability, green, and well-being methods and standards for infrastructure and buildings, such as LEED®, BREEAM®, or WELL™ building standard certifications. Many of our insulation products are also UL GREENGUARD Gold, REACH and RoHS compliant.

As the first manufacturer of flexible elastomeric insulation materials to present Environmental Product Declarations (EPD)s, Armacell has been setting high standards in the industry since 2015. In 2020, we published two new third party EPDs for our AP/ArmaFlex pipe and sheet and roll insulation in North America.

GLOBAL MEGATRENDS

To support our growth and continue to make a difference around the world, our energy saving, fire stopping, and noise-

attenuating solutions address six global megatrends which are shaping the world of today and tomorrow.

- Sustainability
- Urbanization
- Energy Efficiency
- Lightweighting
- Acoustic comfort and vibration control
- Renewable Energies

GLOBAL ARMACELL DAY

We strive to empower our employees to positively impact our company and the communities in which we work. Nine years ago, we created Global Armacell Day as the annual opportunity to focus time, energy, and resources to support projects and causes that bring a positive contribution to communities. In 2022, we turned our attention to the biodiversity that surrounds us, aiming to protect, preserve and enhance the natural ecosystems that support our lives. Across the world, teams enjoyed time outdoors in a variety of activities like tree-planting, litter clean-up, and house building. In 2023, Global Armacell Day addressed the megatrend of energy efficiency, climate change, and our leading contribution to this topic.



All data and technical information are based on results achieved under the specific conditions defined according to the testing standards referenced. Despite taking every precaution to ensure that said data and technical information are up to date, Armacell does not make any representation or warranty, express or implied, as to the accuracy, content or completeness of said data and technical information. Armacell also does not assume any liability towards any person resulting from the use of said data or technical information. Armacell reserves the right to revoke, modify or amend this document at any moment. It is the customer's responsibility to verify if the product is suitable for the intended application. The responsibility for professional and correct installation and compliance with relevant building regulations lies with the customer. This document does not constitute nor is part of a legal offer to sell or to contract.

At Armacell, your trust means everything to us, so we want to let you know your rights and make it easier for you to understand what information we collect and why we collect it. If you would like to find out about our processing of your data, please visit our [Data Protection Policy](#).

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ArmaFlex | Sustainability | WhitePaper | 112023 | NA | EN-A

ABOUT ARMACELL

As the inventor of flexible foam for equipment insulation and a leading provider of engineered foams, Armacell develops innovative and safe thermal and mechanical solutions that create sustainable value for its customers. Armacell's products significantly contribute to global energy efficiency making a difference around the world every day. With more than 3,300 employees and 27 production plants in 19 countries, the company operates two main businesses, Advanced Insulation and Engineered Foams. Armacell focuses on insulation materials for technical equipment, high-performance foams for acoustic and lightweight applications, recycled PET products, next-generation aerogel technology and passive fire protection systems.



For more information, please visit:
www.armacell.us