

NORDENIA U.S.A.



A RELATIONSHIP FOR THE AGES.
GAINING THE GLOBAL PERSPECTIVE.

When you choose NORDENIA U.S.A., you're choosing a vertically-integrated packaging partner with an unwavering focus on complete customer satisfaction. Our convenient packaging solutions can provide the crucial link between your product and your customers.

NORDENIA has more than 40 years of expertise in the global marketplace. We have facilities in Europe, Asia, North America and Africa. By partnering with us, you'll benefit from a long history of best practices and a worldwide knowledge transfer.



THE SILENT R OF SUSTAINABILITY – RESEARCH & DEVELOPMENT.

NORDENIA's manufacturing and Research and Development departments are constantly examining all aspects of the business in an effort to refine processes, maximize efficiency and minimize adverse global impact. Together with our customers and suppliers, we continually explore, evaluate and develop market-driven products and processes that can pave the way for new, value-added solutions. Utilizing the latest technological advances available, we offer our customers total packaging solutions to meet their current and future needs.



NORDENIA U.S.A.



Introducing
GR-8
sustainable packaging solutions for now and the future



CERTIFICATIONS

AIB Superior Rating

ISO 9001:2000 Certified

ISO 14001 Certified

NORDENIA U.S.A.

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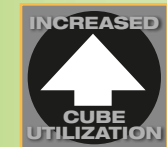


The packaging of the future ensures there will be a future.

GR-8

At Nordenia we know the importance of respecting the environment. We are committed to reducing the impact on planet earth. Our sustainability efforts in both products and processes have made considerable advancements. Through reduced impact on the environment and material down-gauging techniques, we at Nordenia are making the future better today.

GR-8 ISN'T JUST NEW, IT'S RENEWABLE.
REMOVE, REDUCE, & READ.

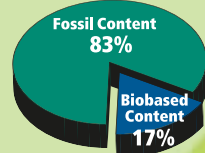


GR-8 is the right-size packaging solution we can all live with for generations. It possesses the strength of materials many times its bulk and weight. And with GR-8's printable surfaces, it's easy to apply messages consumers can immediately recognize as environmentally responsible.

Compared to packaging with similar strength and performance capabilities, GR-8 results in better cube utilization.

WANT NOT. WASTE NOT. RENEW, REVENUE, & READ.

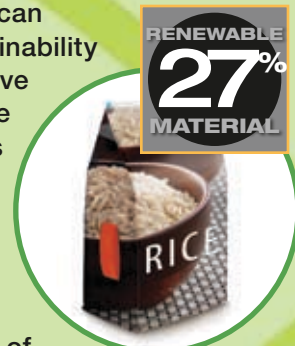
With GR-8, you can meet your sustainability goals and improve revenue because GR-8 maximizes efficiency at every stage of its life cycle. One example of the GR-8 line is a multi-laminate of PLA (polylactic acid – a renewable product derived from corn starch), and cellophane (which comes from wood), so it uses processes, systems and materials that won't deplete resources or harm natural cycles.*



IF SOMETHING CAN GO ON FOREVER IT WILL. RECYCLE.

Nordenia is focused on being environmentally responsible. Our GR-8 family of packaging products is a giant step forward to creating a beneficial, safe and healthy solution for individuals and communities throughout its life cycle.

*Mean Biobased Result: 17% report of Biobased Content Analysis using ASTM-D6866; proportions Biobased vs. Fossil Based indicated by carbon-14 content



THE 8 R'S OF SUSTAINABILITY.

RE-EXAMINE:
Nordenia is constantly re-examining its products and manufacturing processes to maximize the use of time and energy all the while minimizing the impact on the social and global environment. It was with this goal in mind that our new GR-8 packaging product line was developed.

REMOVE:
Transport more product and less packaging. By eliminating unnecessary boxes and layers, GR-8 allows for maximum product capacity with a minimum of packaging.

REDUCE:
By replacing a considerable portion of petroleum based raw material with a natural occurring mineral, Nordenia creates packaging solutions with less exhaustible resources.

REUSE:
Nordenia's manufacturing has many sustainability initiatives. These range from heat recovery systems, to recycling copper, aluminum and steel.

RECYCLE:
The FDA has approved our PCR resin components, making a GR-8 fit for food and human consumption.

RENEW:
GR-8 consists of 27% renewable raw material made from a proprietary combination of PLA and cellophane.

REVENUE:
In a big picture perspective GR-8 can help you meet your sustainability goals and enhance profitability.

READ:
GR-8 allows for clear, crisp printing of high-impact graphics that stand out and get noticed. Sustainable messages identify the packaging as environmentally responsible and educate consumers about why GR-8 is a better choice for our planet.



FLEXIBLE VS. RIGID RENEW, REVENUE, RECYCLE, & READ.

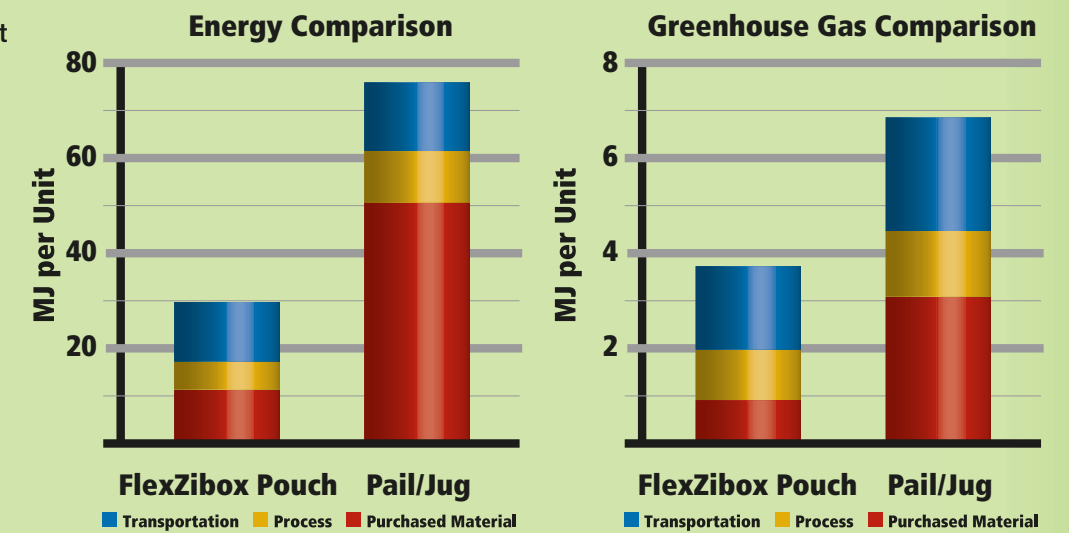


The GR-8 family has a better product to package ratio than similar packaging, as demonstrated by replacing a pail with our FlexZibox™. And the GR-8 line is built tough to take the abuse of improper container handling which leads to spoilage and waste – all without giving up convenience.

WAIT NO LONGER.

Add the cost savings benefits to the benefits from using recycled content, renewable material, a mineral filled sealant with a plausible 85% source reduction, and it's easy to see why GR-8 packaging solutions are the answer to today's demand for sustainable packaging.

LCA OF FLEXZIBOX™ VS. PAIL/JUG†



†August 2008 study conducted by Allied Development

The Shared Values of NORDENIA... Central to our success and yours.

- Global • Partnership • Flexibility • Passion for Excellence •
- Quality • Independence • Innovation •

