

CHEMCO[®]

Packaging Made Perfect

4R PACKAGING
PATENTED

Catalog

About 4R PACKAGING

PATENTED

4R: Redefining Packaging Excellence

We believe in sustainable and innovative packaging solutions.

Our state-of-the-art shipping box is designed to revolutionize your shipping experience while minimizing environmental impact. With the 4R box, you can trust that your products will be protected, secure, and ready to conquer the world.

We are steadfast in our belief in sustainable and innovative packaging solutions. Our state-of-the-art shipping box is a testament to this commitment. This remarkable product has been ingeniously designed and expertly crafted by Chemco, a recognized leader in the packaging industry. Known as the 4R box, it is the embodiment of our drive to revolutionize your shipping experience while simultaneously minimizing environmental impact.

Our 4R box isn't just a concept, but a proven solution that has undergone rigorous evaluation and received positive acclaim from multinational corporations, validating its performance, reliability, and superior quality. Equipped with the 4R box, you can confidently ensure your products are well-protected, secure, and prepared to make a global impact. We remain dedicated to our mission of offering packaging solutions that empower businesses, advocate for sustainability, and reshape the future of shipping.

What is **4R PACKAGING** PATENTED



Recyclable



Reusable



Resistance to UV,
weather & moisture



Reduces
stress & damage

Features



Recyclable:

Play your part in preserving the planet. The 4R box is made from recyclable materials, ensuring minimal waste and a cleaner future. By choosing 4R, you contribute to a circular economy.



Reusable:

Don't settle for single-use packaging. The 4R box is built to last. It can be reused multiple times, reducing your packaging costs and minimizing your carbon footprint. Embrace sustainability without compromising on quality.



Resistant to Moisture and UV:

Protect your valuable contents from the elements. The 4R box is specially engineered to withstand moisture and UV exposure, ensuring that your products arrive in pristine condition. Say goodbye to damaged goods and hello to customer satisfaction.



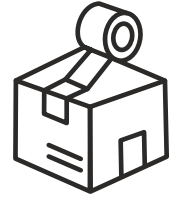
Reduces Stress and Damage:

Bid farewell to the worries of shipping fragile items. The 4R box incorporates cutting-edge cushioning technology, providing exceptional protection against shocks and vibrations during transit. Your products will arrive intact, minimizing returns and enhancing your brand reputation.

Product Description

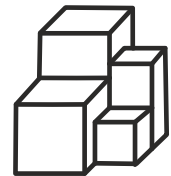
Manual Assembly

All cartons ship and store flat to save space. The boxes are **quick to construct** with the help of packaging tape. Once constructed they can be filled then sealed closed, again with the use of parcel tape.



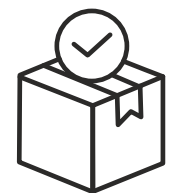
Various Sizes to Choose

Available in a variety of sizes, the 4R Packaging is the ideal solution for shipping delicate items such as electronics, ceramics, glassware, and fragile artifacts. Its robust construction and weather-resistant finish provide maximum protection, ensuring your products arrive safely during transit. Additionally, you have the flexibility to **customize your packaging**, allowing it to perfectly fit your unique requirements.



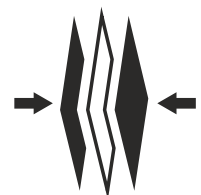
Secure Reusable Packaging

The 4R Box offers impeccable sealing, ensuring item security. Its reusability stands out; tape removal doesn't damage the carton, preserving its integrity. This sustainability promotes **cost-effectiveness**, marking it as an ideal packaging choice.



Optional Double Sided Lamination

Option for double-sided lamination ensures enhanced durability and robustness. This double lamination shields the contents from moisture and contaminants, while also elevating the carton's aesthetic appeal through high-definition printing capabilities. The cartons are consequently more resilient and engaging, making them ideal for packaging a variety of products.



Redefining Sustainability with Chemco's HDPE/PP Laminated Cartons

Welcome to the future of packaging, where strength, quality, and environmental harmony coexist. Chemco's High-Density Polyethylene (HDPE) and Polypropylene (PP) Laminated Cartons represent this vision, offering an ecologically sound alternative to conventional paper corrugated cartons.

Our cartons are crafted from 100% recycled plastics, providing exceptional strength and resilience for all shipping conditions. These advanced materials are sourced from packaging remnants in our plants, converted into robust cartons via a closed-loop recycling system, thus reducing environmental impact.

The unique lamination process makes our cartons more durable and water-resistant than traditional alternatives. This enhanced protection reduces product damage and return rates, resulting in increased customer satisfaction.

Our HDPE/PP laminated cartons are fully recyclable and reusable. Their long life cycle promotes responsible usage, decreasing the demand for virgin plastic and creating value for customers through continual reuse.

But our commitment to sustainability extends beyond the product. We monitor our carbon footprint throughout the manufacturing process, optimize resource use, and minimize waste. Our cartons' lightweight design reduces energy consumption and emissions during transportation. By using locally sourced plastic, we further diminish our overall emissions.

At Chemco, we champion transparency, keeping stakeholders informed about our environmental initiatives and advancements. Choose Chemco's HDPE/PP Laminated Cartons, the stronger, greener, and more durable solution for your packaging needs. Together, we can drive economic growth and environmental stewardship.

Technical Specification of 4R Packaging

Sr. No.	Description	Results
1	Number of Layers	3, 5, 7 Ply Kraft Paper (As per requirement) + HDPE/PP Laminated Fabric
2	Flute	B Type
3	BF	22
4	BS	12.5 kg/cm2
5	CS (Compression Strength)	450 KG +
6	Fabric GSM	90 GSM
7	UV Resistant	12%

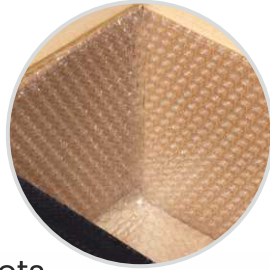
Salient Features

Our Fingerless Corrugation Fluting Machine delivers precision fluting, leading to enhanced strength and superior quality in the end product.	The Sensor-Based Cutter, equipped with a highly accurate cutting facility, guarantees a tolerance of less than 1 mm in the final product, ensuring precision in every cut.	For fluting and sheet pasting, we use export-grade adhesive that ensures robust bonding among all paper layers, contributing to an overall high-quality finish.	We use Stainless Steel (rust-free) wire for stitching pins, which provides long-lasting durability and stability of the 4R Packaging.
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ZR PACKAGING

PATENTED

Optional Internal Bubble Layer for
Added Protection and Insulation
In Transit and Storage



Double Sided
Lamination Option



Separator/Pallet Sheets

Boxes

Gaylord/Octabin



Double Sided
Lamination Option



CHEMCO®

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