

Packaging

Sustainable product packaging

We design our packaging with the environment in mind. For every product, the Lexmark packaging team carefully considers the following environmental concerns:

- The amount of packaging used
- The effects of packaging on shipping
- The types of materials used
- The recyclability of packaging materials

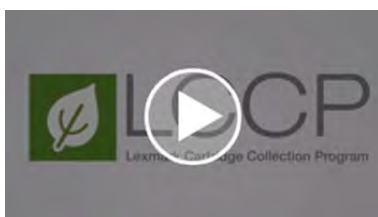
During the design phase, Lexmark engineers determine the shipping requirements of each product. They consider the overall size of the product, its shape and accompanying accessories. The overall ruggedness of the printer is another significant factor: the more robust the printer is, the less packaging it requires. Less packaging lowers costs, reduces materials disposed of in local landfills and ensures that goods are transported in the most efficient manner. These efficiencies result in energy and natural resource savings, and fewer greenhouse emissions.

Package design revisions in the Lexmark CX73x printers improve container efficiency during shipping by over 47% through volume-efficient packaging and use of alternative materials. The new design uses 17% less plastic, to facilitate an increase in recovery and recycle, and reduces total material by 30%.

At Lexmark, we apply this eco-logic not only to printers but also to supplies and service parts. Our packaging materials are derived from both renewable and non-renewable sources. Those derived from renewable sources include corrugated cardboard boxes, moulded pulp cushions and wooden pallets. Those derived from non-renewable sources include cushions made from expanded polystyrene (EPS) or expanded polyethylene (EPE); polyethylene bags; fasteners such as staples, twist ties and tape; plastic strapping and plastic stretch wrap.

To incorporate sustainable materials in our packaging, Lexmark replaced 30% of the virgin plastic in our high-density polyethylene (HDPE) cartridge bags with post-consumer recycled (PCR) plastic. Designing packaging with PCR material helps us to reach our goal of reducing single-use plastic packaging by 50% from 2018 to 2025.

Additionally, the minimum recycled content of Lexmark packaging materials is 35% for corrugated fibreboard and 100% for moulded pulp. Lexmark catalogues the amount of packaging material used with every product to ensure that designs adhere to a minimalist approach and remain highly recyclable.



[Watch](#) how Lexmark recycles waste paper into pulp that's moulded into product packaging.



Recycled paper becomes product packaging

Protecting our products with re-designed packaging allows us to reuse material and minimise waste. Lexmark supplies-packaging engineers designed a process to create moulded pulp cushions composed of used paper. Cost-effective and practical, these packaging cushions not only provide excellent protection for our cartridges during shipping but can also be recycled. They are made from 100% post-consumer waste. In 2021, our pulp cushions gave over 190 metric tonnes of used paper a second life protecting our cartridges.

For our efforts on this project, Lexmark was recognised as a Manufacturing Leadership 100 Award winner (ML 100) in the Sustainability Category. Presented by the Manufacturing Leadership Council, the ML100 Awards honour businesses that shape the future of global manufacturing.

Supplies packaging with reduced carbon footprint

Lexmark packaging engineers design our supplies cartons to reduce their environmental impact whilst maintaining their structural integrity. The durability of our supplies packaging is put to the test by being shipped twice - once to ensure that the product is safely delivered to the customer; the second time to ensure that the product is securely packaged in its return trip to Lexmark.

Lexmark makes it easy for customers to participate in sustainable practices by using our free [Lexmark Cartridge Collection Programme](#) to return cartridges and packaging. Lexmark also offers recycling of printer packaging. For more information about the Lexmark Equipment Collection Programme, click [here](#).

¹Weighted for total sales based on 2018 sales volumes.