

Consumables Take-Back Programs



The Ricoh difference

We value and emphasize technologies that help our customers lower costs while driving sustainability for our future — but we don't stop there. We also encourage recycling Ricoh branded end-of-life consumables and supplies, such as used toner cartridges. Recycling used toner cartridges keeps them out of landfills and reduces the environmental impact. Our Consumables Take-Back Programs not only make returning these items easy, but they also demonstrate high standards for material recovery and reuse.

Free to customers

Proper recycling doesn't have to be a burden. If the carton has a prepaid label in the box, utilize it to return the Ricoh used cartridge for recycling. If there is not a prepaid label in the carton, go to the link for "Prepaid Labels" on the lower portion of the page at www.ricoh-usa.com/recycling and print a prepaid return label. You can also reduce additional transportation impact by combining a number of Ricoh consumables into a larger box (that meets UPS size guidelines) — the cardboard will be recycled too.

Recycled in the U.S.

We partner with experts in the United States who know how to get the most quality out of previously used materials. Our recycling partner has patented innovative techniques to be able to process plastics. The plastics are separated

by type into clean material streams that can be processed to manufacture other plastic products. Those plastics that can't be separated through conventional means are converted from plastic to oil. Not only does this process help conserve natural resources, but it also repurposes these plastics into viable commodities.

What happens to consumables?

First, toner/printer cartridges that can be re-manufactured are disassembled, cleaned and inspected using sophisticated testing systems and equipment. Toner/Printer cartridges or components that Ricoh does not re-manufacture or that do not pass inspection are sent to be recycled through the material recovery process into various material streams — plastics, ferrous metals and non-ferrous metals. See the diagram on Page 2 for more information.

From plastic to usable oil

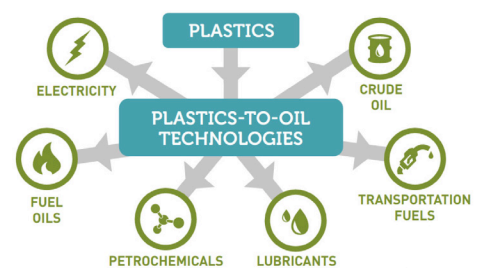
For the portion of the plastics that cannot be separated into usable material streams, the remainder undergoes the plastics-to-oil process.

Plastics-to-oil technologies help produce fuel, petrochemicals, electricity, lubricants and crude oil. Once plastics are converted, the resulting oil products help power our communities, manufacturing plants and transportation industries. Transforming waste into an abundant source of alternative energy also helps reduce greenhouse gas emissions and lower our dependency on the earth's resources.

How Do I Participate?

Join us in recycling responsibly and helping protect our environment.

- If the cartridge box contains a prepaid shipping label, use it to return the package in its original box.
- If not, use your own carton box and print a prepaid return label from www.ricoh-usa.com/recycling.



*Image Source: American Chemistry Council

The recycling process

The RICOH Consumables Take-Back Program maximizes material recovery and minimizes waste, so we can help preserve the earth for future generations. Innovative recycling processes help keep plastic and other materials out of landfills while yielding usable materials — such as re-manufactured toner cartridges, plastics, metals, oil and cardboard.

