

We design hardware and packaging with a circular economy in mind. By using recycled materials and removing single-use plastic from our packaging, we are working to ensure that resources can be given a new life.

Sustainable Materials

Our products give a new life to materials

We are constantly looking for ways to minimize our impact on the land and sea. By focusing on plastic waste as one of the biggest threats to the marine environment, we have developed technology to recycle discarded fishing nets and are continuing our efforts to improve circularity by recycling resources.

Along with the recycled plastic, rare earth elements, steel, and glass, the Samsung Galaxy S25 Series released in 2025 incorporates new recycled materials such as recycled gold, copper, cobalt, and aluminum. The Galaxy S25 and S25+ frames also incorporate recycled Armor Aluminum.

In addition, the Galaxy S25 uses recycled cobalt extracted from previously used Galaxy smartphones and batteries discarded during the manufacturing process through Circular Battery Supply Chain. Furthermore, recycled plastics from wafer trays discarded during the semiconductor manufacturing process have been newly applied.

Our efforts to scale the use of recycled materials extend to televisions as well. The graphite sheets of the 2024 and 2025 Neo QLED 8K televisions, used for internal heat dissipation, contain recycled graphite⁹⁾ extracted from end-of-life batteries.

**2025**

- All of our mobile products incorporate recycled materials
- 768,811 tonnes of plastic containing recycled materials used cumulatively in DX products since 2009
- Eliminated single-use plastic from mobile packaging
- Incorporate recycled cobalt in S25 sourced through Circular Battery Supply Chain

2030

- Incorporate at least one recycled material in every module of every mobile product by 2030
- Apply recycled plastic to 50% of plastic parts in DX products
- Establish a recycling system for minerals from collected waste batteries

2050

- Apply recycled plastic to 100% of plastic parts in DX products

Source: 2025 Global Sustainability Report

Chemical Management

We have shown leadership in the removal of high global warming potential (GWP) refrigerants from our refrigerator products, moving to the more environmentally preferable R-600 (isobutane), ahead of U.S. Federal and State restrictions

Samsung remains committed to facing the challenge that PFAS poses to the complex consumer products industry. We have conducted extensive reviews of food contact and drinking water contact parts in our appliances to determine if any PFAS was present, and we have worked to replace affected parts with PFAS-free alternatives prior to State requirements. We require all suppliers of all parts to disclose any PFAS in all homogenous materials - regardless of application - as we work to address the ongoing challenge of PFAS in complex products.

Product Packaging

We continue to expand our mobile, TV and appliance boxes and manuals to include recycled and/or sustainably sourced materials. All interior packaging has been redesigned to reduce its environmental footprint and consume fewer resources.

Packaging for the Galaxy S25, Fold7, and Flip7

0%

virgin plastic

100%

recycled and FSC-certified paper

100%

of the paper we use in packaging and manuals is certified by global environmental organizations like the Forest Stewardship Council.

100%

of the smelters we source metals from are certified by the Responsible Minerals Assurance Process to avoid conflict minerals.



We have eliminated all plastic in mobile packaging this year. However, some countries continue to use shrink wrap (e.g., Indonesia, Pakistan, Thailand) and plastic sealing label (e.g., Peru) as per requests from partners.

Chargers produced and approved before 2021 use plastic packaging and may still be available in some countries.