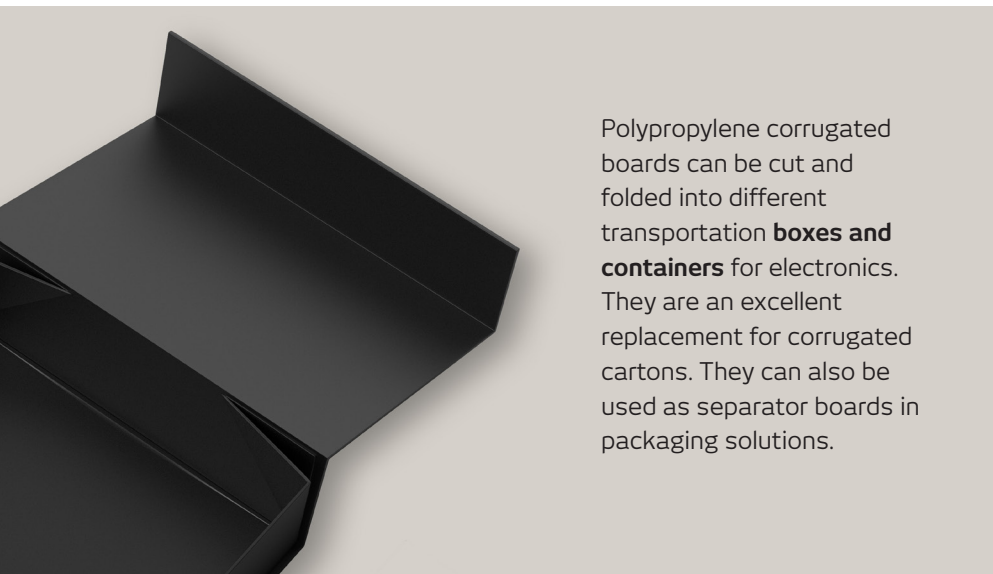


## PRE-ELEC® electrically conductive plastics Materials for ESD Sheets

The rising need for complex electronic components creates a demand for protective packaging materials for storage and transportation. ESD sheets protect fragile electronic components, such as wafers, microprocessors, and circuit boards, from unintended electrostatic discharges and mechanical incidents.



Polypropylene corrugated boards can be cut and folded into different transportation **boxes and containers** for electronics. They are an excellent replacement for corrugated cartons. They can also be used as separator boards in packaging solutions.

In EPA zones\*, conductive sheets can be used in **furniture elements and accessories**, such as **table covers, mats, and edges**. They create ESD protection for sensitive electronics, enabling longer operation times for electronic devices. EVA and TPU-based conductive plastics can be used to create anti-slipage surfaces (e.g., mats).

\* EPA zones = ESD protected areas.

Find product data at  
[premixgroup.com](https://premixgroup.com/data-center)  
/data-center



**ESD trays** provide protection against electrostatic discharge. The trays can be thermoformed to fit exactly the components they are meant for, ensuring fit and protecting the components from sudden movements during transportation. Lids and locks can be added to increase safety.



Our PRE-ELEC® compounds have high and durable conductivity and excellent dispersion. They are easy to process, recyclable, and resist wear and tear very well. Corrugated boards made of electrically conductive plastics do not emit dust, do not absorb moisture, and have excellent impact resistance.