

RENEW™ RFP-02 PS Labels/Enables Recycling

Our Solution:

Sustainable pressure sensitive label materials that wash off during the recycling process.

As the global drive to reduce plastic waste continues to gain speed, more and more packaging companies are looking for new and innovative solutions to maximize the recyclability of PET containers. Due to its clarity and natural CO₂ barrier properties, PET is one of the most widely used packaging resins.

Standard pressure-sensitive labels limit PET recyclability into food-grade recycled PET due to adhesive and ink contamination. With Fortis Solutions Group's RENEW™ family of products you now can support the circular economy with a pressure sensitive label that washes off during the recycling process.

The label utilizes a water-based adhesive which separates cleanly from the substrate in the water bath stage at the recycler. This enables the label and adhesive to cleanly separate from the PET flake resulting in pure recycled PET flakes, the conservation of virgin PET resources and less landfill waste.

Association of Plastic Recyclers (APR) Compliance

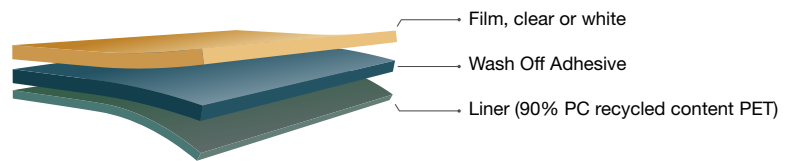
The APR Design® Guide for Plastics Recyclability is the most comprehensive resource outlining the plastics recycling industry's recommendations in the marketplace today and serves as a performance assessment for labels in the plastic recycling process. Labels that passes the APR Benchmark Test provide the best possible performance in the plastic recycling processes.

*Laminations, varnishes, inks and additives can impact the recyclability of the package. Prior testing to APR guidelines should be completed.

The materials and equipment Fortis Solutions Group utilizes for printing of this package are inherently sustainable: renewable water-based inks, solvent free adhesives and a process that avoids expending greenhouse gas emissions.

This information represents the typical values for this material. It is not intended to be used for certification standards, specification limits, or other finite acceptable or rejectable criteria. Customers must determine the product's suitability for the intended applications and should consider the fact that the property values will vary within reasonable tolerances, and that some of the material properties may change due to secondary converting operations, temperature, and age.

Structure



Key Performance Characteristics

- Wash-off label solution for PET container recycling
- Designed to increase the yield of recycled PET flakes
- Available with clear, white, and metallized film face materials
- Recognized by the Association of Plastic Recyclers (APR)
- Available with 90% post-consumer recycled content PET liner

Contact us for more information about how we can develop a solution for your unique application.



800-388-1990
2050 Wardrobe Avenue
Merced, CA 95341
www.labeltech.com/lti