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Reynolds Wrap® Foil from 100% Recycled Aluminum Recycling Process Fact Sheet

Over the life cycle of the product, the process of making aluminum foil from recycled aluminum uses 80 percent less energy than it takes to make aluminum foil from new, also referred to as virgin, aluminum. Below is an overview of how Reynolds Wrap® Foil from 100% Recycled Aluminum is made:

COLLECT

- Collect post-consumer aluminum
(Can include stadium seats, automobile parts, cookware, gutters / siding, used beverage containers)



MELT

- Melt cable scrap & aluminum in furnaces at temperatures in excess of 1200°F
- Form into large bars called ingots
- Ship to manufacturing plants



RE-MELT

- Melt ingots and industrial aluminum in furnace in excess of 1200°F
- Blend alloys together
- Filter molten metal to remove debris



CAST

- Cast liquid aluminum into sheets
- Wind sheets onto casters
- Roll aluminum through sheet mills



PACKAGE

- Cut sheets to size
- Spool sheets onto cores
- Package rolls of aluminum foil
- Distribute

