

## Sonoco Flexible Packaging – Resource Efficiency

Sonoco's EnviroServe™ Leafy Greens packaging is manufactured in the US and designed to reduce the amount of virgin plastic use while providing an exceptional user experience. Our SmartSeal® FRESH lidding film makes the package easy for consumers to use, reseal and reopen their produce. The lidding film also provides tamper-evidence, high-impact graphics, and extended shelf life without the need for a secondary label to be applied. At every step in the process, from manufacturing to shipping, EnviroServe™ Trays with SmartSeal® FRESH lidding reduce energy consumption, emissions, and waste. Our recyclable produce packaging gives consumers the sustainable option they want and keeps their salad greens fresher longer.

The tray base uses a minimum of 70% Post-Consumer Recycled PET (primarily from water bottles). The package uses a minimum of 25% less plastic by weight when compared to a traditional hard top (sonic weld) or Tamper Evident PET Clamshells and reduces climate change impact potential from Greenhouse Gas Emissions (GHG's) released throughout its lifecycle by 45%. Additionally, the tray is recyclable in communities where PET thermoform recycling is available by removing the lidding film.

The SmartSeal® FRESH lidding film contributes a robust sealing range and antifog properties while minimizing tray flange distortion during the sealing process. The addition of antifog technology and micro-perforations promote improved product quality throughout the distribution, storage and home use by optimizing the gas exchange necessary with leafy greens and lessening pooling of moisture. The tray was also developed with innovative features that promote automation, such as wide sealing flanges, stacking strength and denesting functionality. The tray and lid combine for ease in all aspects of packing, distribution and loading into retail pusher displays.

Replacing clamshell lidding with SmartSeal® film provides a much larger area for print, negating the need for a secondary pressure sensitive label on the bottom of the package thereby facilitating recyclability, reducing material use, and reducing complexity in packing operations. Superior stacking strength makes the package easy to load and unload in retail pusher displays. The use of antifog technology on the interior provides the consumer with a clear view of the product. The lidding film peels open firmly, yet easily. Design of the opening at the peel tab and through the tamper evident feature makes for an easy to open package with an audible snap. The secure reclosing of the package promotes longer home life of the leafy greens, going beyond a standard 14-to-17- day shelf-life by a week or more reduces food waste.