

## PACKAGING UP SUSTAINABILITY FOR WINCHESTER

*This sustainability story is one of many that shows how Olin products, technologies, ideas, and people are having a positive impact on our world.*

### SUSTAINABILITY CHALLENGE

- Olin's Winchester Ammunition used foam tray-style inserts to safely package 50-round boxes of one of our highest volume products.
- This package configuration required a bulky, non-sustainable tray in each individual box.

### OLIN'S SOLUTION

- Our Oxford, Mississippi team introduced new robotic packaging equipment to improve the packaging of this 9mm product.
- An "oriented bulk pack" configuration now optimizes volume and material needed for each box.
- Additionally, the new equipment provides multiple levels of visual inspection, further improving product quality.

### POSITIVE IMPACT

- The difference of these efforts lead to:
  - 50% reduction in glue usage
  - 27% reduction in paperboard (cartons)
  - 58% reduction in corrugated cardboard (cases)
  - 45% total reduction in foam trays
- This adds up to a 350,000-pound reduction in cartons, trays, cases, and glue per year.
- The smaller packaging configuration allows Winchester to ship the same amount of ammunition on pallets that are 200 pounds lighter with 40% less volume.
- Now, more than 20 tractor-trailer loads of supplies can be eliminated, reducing 25.8 tons of CO<sub>2</sub> emissions, annually.

**DID YOU KNOW?**



In 2023, Winchester introduced a new line of environmentally friendly shotshells that utilize bio-polymer wads instead of conventional plastics, eliminating hundreds of pounds of plastic in the environment each year.