Solstice

ACLAR SUSTAINABILITY UPDATES

ZERO WASTE TO LANDFILL

We have committed to certifying our PCTFE film production facility in Pottsville, PA as zero-waste-to-landfill. Therefore, we are actively working to achieve zero waste to landfill by the end of 2026.

20% REDUCTION IN CARBON FOOTPRINT

We expect the upcoming Product Carbon Footprint (PCF) for Aclar in 2025 to show a reduction of up to 20%, compared to the 2020 baseline, due to process improvements and enhanced monitoring.

EFFECTIVE END OF LIFE

Our new peer-reviewed study shows that under representative municipal waste incineration conditions, Aclar's fluorinated content is effectively destroyed, resulting in negligible formation of PFAS emissions.[1]



At 850° C
< 0.1



At 1150° C
< 0.0001

Link to article

[1] Yamada, T., Kahandawala, M., Law, Y.Y., Alagappan, T., & Taylor, P.H. (2026). Bench scale incineration of polychlorotrifluoroethylene Chemosphere, 401, 144908

LESS PACKAGING, FASTER PRODUCTION

Packaging trials conducted with the Wasdell Group demonstrate that Aclar delivers lighter packaging, faster production and reduced waste versus Cold Form Foil, including during setup and production, while also reducing the amount of secondary and tertiary packaging required.



-46%



-40%



-63%

Reduction in packaging per blister pack, total manufacturing waste, and shipping materials

ADVANCING SCIENCE FOR SMARTER OUTCOMES