



T-Stream™ for PET Bottles and Preforms

Smoother PET Processing, from Preform to Filling Line

PET bottles and preforms pass through multiple production and downstream stages, including injection and blow molding, handling, storage, transportation, filling, sleeving, and labeling.

During these processes, surface friction and bottle-to-bottle contact can cause preforms and bottles to stick or block. This may disrupt material flow, slow production lines, complicate handling, and increase downtime, particularly as producers work to increase the use of recycled PET.



Tosaf's T-Stream™ additive improves the surface properties of PET and rPET bottles and preforms, reducing friction, sticking, and blocking. The solution supports smoother production and more reliable downstream motion while maintaining consistent bottle quality, even with high levels of rPET.

Less Sticking. More Flow.

High surface friction can affect PET packaging at multiple points in the production process. Preforms and bottles may stick during handling and storage, accumulate on conveyor and filling lines, or create difficulties during sleeving and labeling.

T-Stream™ provides a direct route to improved flow by integrating slip and antiblock functionality into the PET during production.

Main Applications

PET and rPET Preforms • Blow Molded PET Bottles

Beverage and Water Bottles • Personal Care and Household Packaging

Key Benefits

- ✓ **Reduced Sticking and Blocking:** Helps prevent PET bottles and preforms from adhering to one another during production and downstream conversion processes
- ✓ **Smoother Production:** Supports easier processing of preforms and blow molded bottles and promotes reliable processing and conversion
- ✓ **Better Handling and Transportation:** Improves the flow of bottles and preforms during storage, conveying, packing, and transportation
- ✓ **Easier Sleeving and Labeling:** Enhances surface properties to support smooth application of sleeves and labels
- ✓ **Enhanced Sustainability:** Helps manufacturers increase the use of rPET while improving process efficiency and reducing production interruptions. Supports a fully recyclable PET-only product

From Preform Production to the Filling Line

The final performance depends on the bottle design, PET formulation, production conditions, and required visual effect. Tosaf's PET and color experts work with packaging producers and brand owners to develop the right solution for each application and support its implementation in production.

Looking to
Improve the
Flow of PET
Bottles and
Preforms?

***We'll help
make it
happen.***

