



TC100

Certincoat® TC100 is a hot-end coating formulation for use on glass containers and tableware.

When applied with the Certincoat® Hot-End Coating System, TC100 forms a uniform layer of tin oxide on each glass container. This layer provides an excellent surface for cold-end coating adhesion. The combination of both coatings permits:

- Increased scratch resistance
- Improved lubricity
- Reduced breakage rates
- Faster filling line speeds
- Enhanced bottle appearance

TC100 has distinct advantages over other organotin and tin tetrachloride hot-end coating materials. The benefits of TC100 include the following:

- Stabilized formulation which improves shelf life, coating performance, and reliability
- Liquid state from -62°C to 193°C (-80°F to 380°F) allows easy pumping throughout the year
- Low vapor pressure minimizes exposure to fumes when opening a drum or cylinder
- Nonflammable material allows easy storage
- Relatively unaffected by moisture, minimizing the problem of clogged coating equipment
- Unique chemistry reduces the production of corrosive by-products

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Technical Data - Certincoat TC100 Coating Material

Appearance: Stable, straw/brown colored liquid
Specific Gravity: 1.72 @ 25°C (7°F)
Molecular Weight: 282.2
Freezing Point: -63°C (-81°F)
Boiling Point: @ 760 mm: 190° C– 200°C (374°F– 392°F) @ 10 mm: 92°C– 100°C (198°F– 212°F)

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