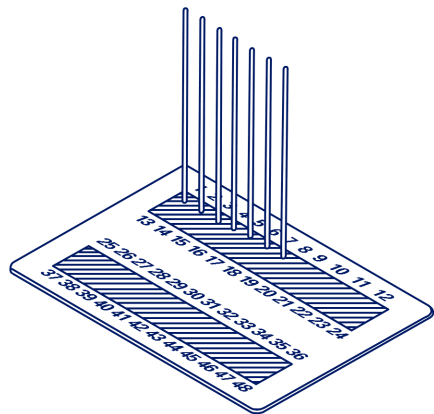


REF 361050



## Tube Sealer and Holder for Micro-Capillary Tubes

For In Vitro Diagnostic Use.



### BD Seal-Ease™ TUBE SEALER and HOLDER

BD Seal-Ease™ Tube Sealer is a special material that has been designed for the flameless sealing of capillary tubes. Many technologists and physicians have found the BD Seal -Ease™ Tube Sealer method to be one of the most simple and satisfactory ways of closing microhematocrit and other capillary tubes in the laboratory, at bedside, and in the office.

The BD Seal-Ease™ Tube Sealer holder contains two strips of sealing material and has been designed to hold and carry up to 48 capillary tubes at one time. For convenience, each strip contains 24 numbered positions, providing easy identification of tubes in the holder.

When not being processed, capillary tubes can be routinely inserted and held in the BD Seal-Ease™ Tube Sealer holder, which can be carried easily in a tray with other blood collection supplies.

### To Use

1. Fill the capillary tube with blood. If the capillary is to be centrifuged, as in a micro-hematocrit, the use of a capillary tube with at least one fire-polished end is advisable. On these tubes, the fire-polished end is generally marked with a colored ring. Always fill capillary centrifuge tubes from the end that is not fire-polished; that is, the end without the colored ring.
2. Immediately after the blood specimen has been taken into the capillary, push the dry end of the tube down through the BD Seal-Ease™ Tube Sealer, completely to the bottom of the holder. It is important that the seal be made at the dry (or colored) end of the tube – the end opposite the filling end. The presence of any blood in the capillary at the end being sealed will prevent a successful closure. The sealer must be forced into the dry end of the tube to avoid leakage.

If there is a tendency for the blood to flow down toward the dry end, the BD Seal-Ease™ Tube Sealer holder may be held vertically and the capillary tube pushed horizontally into the holder.

3. **IMPORTANT:** Before removing a tube from BD Seal-Ease™ Tube Sealer, rotate the tube between fingers to prevent the sealing plug from pulling out upon withdrawal of the capillary.
4. For centrifugation, place the sealed capillary centrifuge tubes in a Micro-Hematocrit Centrifuge (Clay Adams Autocrit® Ultra-3, Adams® Microhematocrit Centrifuge, Readacrit® Centrifuge) with the sealed fire-polished ends against the rubber strip at the rim of the head. Should punctures or uneven spots develop in the elastic strip, it may be moved to a new position or replaced if necessary. To prevent leakage during centrifugation, sealed ends of the capillary tubes must rest against a smooth, clean surface.

### Caution

1. Lint and foreign particles on the surface of the BD Seal-Ease™ Tube Sealer may result in poor sealing. Therefore, keep surface of BD Seal-Ease™ Tube Sealer clean and lint-free. If the sealing material is reworked and smoothed, be sure that no air bubbles are trapped in the sealing material.
2. If BD Seal-Ease™ Tube Sealer is kept open for long periods of time in an exceptionally dry atmosphere, the sealing material may show a tendency to dry out and shrink.
3. BD Seal-Ease™ Tube Sealer should be stored and used at room temperature. Exposure to temperatures above 80° F. will adversely affect consistency. *Keep away from heat.*

## Plastic Clad Micro-Capillary Tubes

*One end fire-polished:*

- #361021 Plastic Clad tube/Heparinized, 75 mm. x I.D. 1.0 – 1.2 mm., O.D. 1.4 – 1.6 mm.
- #361025 Plastic Clad tube/Plain, 75 mm. x I.D. 1.0 – 1.2 mm., O.D. 1.4 – 1.6 mm.

*Both ends fire-polished:*

- #361027 Pre-Cal Plastic Clad tube/Heparinized, Calibrated 60 mm. from end. 75 mm. x I.D. 0.55 ± 05 mm., O.D. 1.4 – 1.75 mm.

Manufactured for:  
**BD VACUTAINER Systems, Preanalytical Solutions**  
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Franklin Lakes, NJ 07417-1885

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