



Amalgam Capsule

Version:200901

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Introduction

- The manufacture, AT&M Biomaterials Co., Ltd., has passed the certification of ISO13485:2003.
- Alloy Composition: 43%Ag, 32%Sn, 25%Cu.
- No Zinc and No Gamma 2 Phase.
- Conform to standard ISO24234: 2004.

Physical Properties

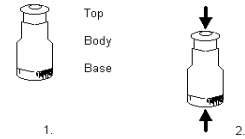
- 1 hr Compressive Strength > 90 MPa
- 24 hrs Compressive Strength > 400 MPa
- 24 hrs Volume Change (%) < +0.07
- 7 days Static Creep (%) < 0.2

Package

- 1/2 spill: 200mg (White) •1 spill: 400mg (Yellow)
- 2 spills: 600mg (Blue) •3 spills: 800mg (Red)
- 50 pieces / box

Operation

1. Select appropriate package according to color coding.
2. Press down plunger end of the capsule and allow mercury enter mixing chamber.
3. Carefully insert capsule in the clip arm of amalgamator and make sure the capsule is securely positioned in the clip arms.
4. Select the appropriate vibration frequency and amalgamation time (Recommendation: vibration frequency 4500~5500rpm, mixing time10~15s).
5. After amalgamation has been completed, remove capsule from clip and separate the capsule.
6. Empty contents and use amalgam immediately.



Precautionary notes

1. Spillages. Mercury presents a health hazard if incorrectly handled. Spillages of mercury should be removed immediately, including from places which are difficult to access. Use a plastic syringe to draw it up. Smaller quantities can be covered by sulfur powder and removed. Avoid inhalation of the vapor.
2. Moisture contamination. If moisture is introduced into the amalgam before it has set, properties such as strength and corrosion resistance may be affected adversely. Whenever it is possible, Use a dry field.

Warning

	WARNING
	Mercury Toxic by Inhalation Danger of cumulative effects Corrosive to metals
	Waste material and all primary containers that hold mercury shall be disposed of as hazardous waste Refer to safety data sheets