Quality Alloys from the COMPANY YOU TRUST

Dispersalloy®
Dispersed Phase Alloy

The world’s most widely used alloy.
With over 30 years of proven clinical performance in millions of restorations, Dispersalloy® alloy is the world’s most widely used alloy. Its consistent mix of lathe-cut particles and silver-copper eutectic spheres virtually eliminates the Gamma 2 phase, yielding exceptional corrosion resistance and reduced ditching. And thanks to its patented self-activating capsules, no activation tool is needed.

Physical Description
Composition:
- Silver: 69.3%
- Tin: 17.9%
- Copper: 11.8%
- Zinc: 1%
- Mercury: 50%

Particle Type: Admixture of lathe-cut rods and silver-copper spheres

Handling
- Easy contouring
- Positive resistance to condensation for excellent margin adaptation

Easy Carving
- Full 3 minutes of work time
- Final set is firm and wear resistant

Excellent Physical Properties
- High early (1 hr) compressive strength, which virtually eliminates early bulk fracture or fracture of the marginal ridge

Megalloy® EZ
SPHERICAL AMALGAM

Handling
- Easy contouring
- Positive resistance to condensation for excellent margin adaptation

Easy Carving
- Full 3 minutes of work time
- Final set is firm and wear resistant

Excellent Physical Properties
- High early (1 hr) compressive strength, which virtually eliminates early bulk fracture or fracture of the marginal ridge

Physical Description
Composition:
- Silver: 58%
- Tin: 28%
- Copper: 14%
- Mercury: 42%

Particle Type: 100% spherical

Compressive Strength:
- Regular Set: 17,900 PSI @ 1hr, 60,400 PSI @ 24 hr
- Fast Set: 19,400 PSI @ 1hr, 58,200 PSI @ 24 hr

Dimensional Change (@ 24hr):
- Regular Set: -5.5µ/cm, -3.3µ/cm
- Fast Set: -6.3µ/cm

Flow (@ 24hr):
- Regular Set: 0.43%
- Fast Set: 0.40%

Creep (@7 days):
- Regular Set: 0.38%
- Fast Set: 0.38%

Condense Time:
- Regular Set: 3.30
- Fast Set: 2.30

Set Time:
- Regular Set: 4.30
- Fast Set: 3.00
## Alloy Trituration Target Speeds & Times Guide

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## Ordering Information

### Dispersalloy® Dispersed Phase Alloy

**6g Tablets – Packed in 10oz Boxes (20 Tubes of 40 Tablets each)**
- **656-2829** Regular Set (Zinc) 3 1/2 to 4 1/2 Minutes
  - 6 Boxes of 20 Tubes
- **656-2830** Fast Set (Zinc) 2 to 3 Minutes
  - 6 Boxes of 20 Tubes

**Powder – Packed in 300g Boxes (2 Bottles of 150g each)**
- **656-2821** Regular Set (Zinc) 3 1/2 to 4 1/2 Minutes
  - 6 Boxes of 2 Bottles
- **656-2822** Fast Set (Zinc) 2 to 3 Minutes
  - 6 Boxes of 2 Bottles

**Dispersalloy® Dispersed Phase Alloy Self-Activating Capsules**

**Regular Set – 10 Jars of 50 Capsules per Jar**
- 656-2891 No. 1 Spill Zinc Green (400mg each Capsule)
- 656-2892 No. 2 Spill Zinc Blue (600mg each Capsule)
- 656-2893 No. 3 Spill Zinc Yellow (800mg each Capsule)

**Fast Set – 10 Jars of 50 Capsules per Jar**
- 656-2861 No. 1 Spill Zinc Green/White (400mg each Capsule)
- 656-2862 No. 2 Spill Zinc Blue/White (600mg each Capsule)
- 656-2863 No. 3 Spill Zinc Yellow/White (800mg each Capsule)

**Regular Set – 4 Jars of 500 Capsules per Jar**
- 656291 No. 1 Spill Zinc Green (400mg each Capsule)
- 656292 No. 2 Spill Zinc Blue (600mg each Capsule)
- 656293 No. 3 Spill Zinc Yellow (800mg each Capsule)

**Fast Set – 4 Jars of 500 Capsules per Jar**
- 656261 No. 1 Spill Zinc Green/White (400mg each Capsule)
- 656262 No. 2 Spill Zinc Blue/White (600mg each Capsule)
- 656263 No. 3 Spill Zinc Yellow/White (800mg each Capsule)

### Megalloy® EZ Spherical Amalgam – Regular Set Capsules

**10 Jars of 50 Capsules**
- 603004 No. 1 Spill Red (400mg alloy each Capsule)
- 603005 No. 2 Spill Purple (600mg alloy each Capsule)
- 603006 No. 3 Spill Lime Green (800mg alloy each Capsule)

**4 Bulk Jars of 250 Capsules**
- 603014 No. 1 Spill Case Red (400mg alloy each Capsule)
- 603015 No. 2 Spill Case Purple (600mg alloy each Capsule)
- 603016 No. 3 Spill Case Lime Green (800mg alloy each Capsule)