

Quality Alloys

FROM THE COMPANY YOU TRUST

Dispersalloy®

Dispersed Phase Alloy

The world's most widely used alloy.

With over 25 years of proven clinical performance in millions of restorations, DISPERSALLOY 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

<i>Composition:</i>	Silver	69.3%
	Tin	17.9%
	Copper	11.8%
	Zinc	1%
	Mercury Ratio	50%

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

<i>Compressive Strength:</i> (in PSI @ 1hr)	<i>Regular Set</i>	<i>Fast Set</i>
	17,900	19,400
(in PSI @ 24 hr)	60,400	58,200

Dimensional Change (@ 24hr): -5.5µ/cm -3.3µ/cm

Flow (@ 24hr) 0.43% 0.38%

Creep (@7 days) 0.40% 0.38%

<i>Condense Time:</i>	<i>Regular Set</i>	<i>Fast Set</i>
	3:30	2:30
<i>Set Time:</i>	4:30	3:00

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

Value Priced

- Take the MEGALLOY EZ challenge — compare the handling and quality and then compare the price of Megalloy EZ amalgam to your current amalgam

Physical Description

<i>Composition:</i>	Silver	58%
	Tin	28%
	Copper	14%
	Mercury	43%

Particle Type: 100% spherical

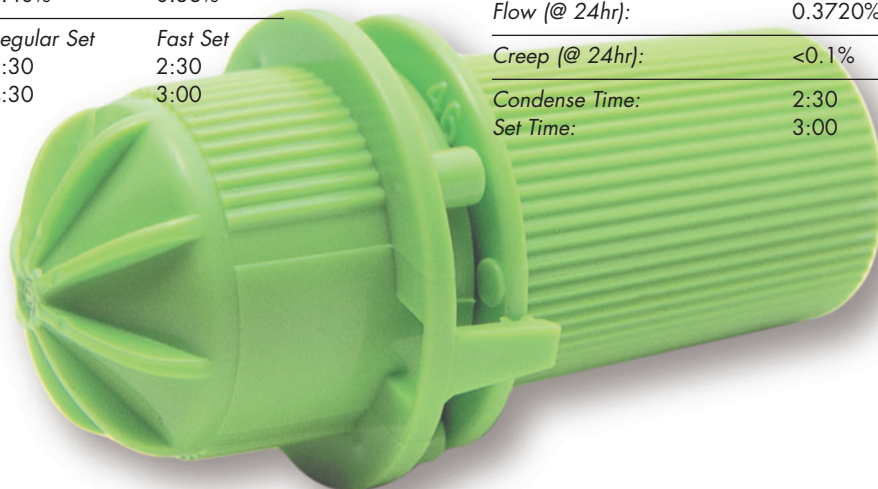
<i>Compressive Strength:</i> (in PSI @ 1hr)	35,000
	(in PSI @ 24 hr) 86,000

Dimensional Change (@ 24hr): -6.3µ/cm

Flow (@ 24hr): 0.3720%

Creep (@ 24hr): <0.1%

<i>Condense Time:</i>	2:30
<i>Set Time:</i>	3:00



Alloy Trituration Target Speeds & Times Guide

Amalgamator	Speed Setting	Dispersalloy Regular Set			Dispersalloy Fast Set			Megalloy EZ		
		1-Spill	2-Spill	3-Spill	1-Spill	2-Spill	3-Spill	1-Spill	2-Spill	3-Spill
DENTSPLY Caulk ProMix®	Turtle (3,700 cps)	11-17	11-17	10-14	11-17	11-17	10-14	—	—	—
DENTSPLY Caulk ProMix®	Rabbit (4,200 cps)	—	—	—	—	—	—	7-9	7-9	8-10
DENTSPLY Caulk Vari-Mix® II M	M2 (3,900 cps)	11-17	11-17	10-14	11-17	11-17	10-14	—	—	—
DENTSPLY Caulk Vari-Mix® II M	H2 (4,400 cps)	—	—	—	—	—	—	7-9	7-9	8-10
DENTSPLY Caulk Vari-Mix® III	M (3,900 cps)	11-17	11-17	10-14	11-17	11-17	10-14	—	—	—
DENTSPLY Caulk Vari-Mix® III	H (4,200 cps)	—	—	—	—	—	—	7-10	7-10	9-12
Wig-L-Bug® MSD	3,800 cps	12-15	12-15	10-14	12-15	12-15	10-14	—	—	—
Wig-L-Bug® MSD	4,600 cps	—	—	—	—	—	—	8-11	8-11	10-12
Wig-L-Bug® LPD	3,800 cps	12-15	12-15	10-14	12-15	12-15	10-14	—	—	—
Wig-L-Bug® LPD	4,600 cps	—	—	—	—	—	—	9-11	9-11	9-11
Zenith Stirspeed Model TP-103	Fixed (3,950 cps)	11-14	11-14	10-12	10-13	10-14	9-12	8-11	10-12	10-12
Zenith Stirspeed Model Z-1A	Speed H (4,100 cps)	10-14	10-14	10-13	10-14	10-14	10-13	7-11	7-12	10-13
Pelton & Crane Spirit Model SM	4,000 cps	9-13	10-15	10-15	10-14	11-15	11-15	12-15	12-15	13-16
Adec Model 6440	Speed #7 (4,200 cps)	11-15	11-15	10-13	11-15	11-15	10-14	9-13	10-15	10-15
ESPE CapMix	Fixed (4,400 cps)	6-7	6-7	6-7	6-7	6-7	6-7	8-10	8-10	9-12
Kerr AutoMix	4,000 cps	11-17	11-17	10-14	11-17	11-17	10-14	10-13	10-13	9-12
Vivadent Silamat Plus	Fast (4,700 cps)	6-8	6-8	6-8	6-8	6-8	6-8	6-8	6-9	7-9
Torit Capmaster	4,200 cps	13-16	13-16	11-15	13-16	13-16	11-15	10-14	10-14	9-12
SDI Ultramat 2	4,400 cps	9-12	9-12	7-10	9-12	9-12	7-10	8-12	8-12	7-10

ORDERING INFORMATION

DISPERSALLOY® Dispersed Phase Alloy

6 gr Tablets - Packed in 10 oz 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 300 gm boxes (2 bottles of 150 gm 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® Self-Activating Capsules

656-2891 NO. 1 SPILL (400 mg) ZINC - Regular Set 10 boxes of 50 Green capsules/box

656-2892 NO. 2 SPILL (600 mg) ZINC - Regular Set 10 boxes of 50 Blue capsules/box

656-2893 NO. 3 SPILL (800 mg) ZINC - Regular Set 10 boxes of 50 Yellow capsules/box

656-2861 NO. 1 SPILL (400 mg) ZINC - Fast Set 10 boxes of 50 Green/White capsules/box

656-2862 NO. 2 SPILL (600 mg) ZINC - Fast Set 10 boxes of 50 Blue/White capsules/box

656-2863 NO. 3 SPILL (800 mg) ZINC - Fast Set 10 boxes of 50 Yellow/White capsules/box

DISPERSALLOY® Self-Activating Capsules – Jars

656291 NO. 1 SPILL (400 mg) ZINC - Regular Set 4 jars of 500 Green capsules/jar

656292 NO. 2 SPILL (600 mg) ZINC - Regular Set 4 jars of 500 Blue capsules/jar

656293 NO. 3 SPILL (800 mg) ZINC - Regular Set 4 jars of 500 Yellow capsules/jar

656261 NO. 1 SPILL (400 mg) ZINC - Fast Set 4 jars of 500 Green/White capsules/jar

656262 NO. 2 SPILL (600 mg) ZINC - Fast Set 4 jars of 500 Blue/White capsules/jar

656263 NO. 3 SPILL (800 mg) ZINC - Fast Set 4 jars of 500 Yellow/White capsules/jar

MEGALLOY® EZ Spherical Amalgam – Capsules Regular Set

603004 NO. 1 SPILL (Red) 10 jars of 50 capsules - 400 mg alloy each

603014 NO. 1 SPILL BULK (Red) 4 jars of 250 capsules - 400 mg alloy each

603005 NO. 2 SPILL (Purple) 10 jars of 50 capsules - 600 mg alloy each

603015 NO. 2 SPILL BULK (Purple) 4 jars of 250 capsules - 600 mg alloy each

603006 NO. 3 SPILL (Lime Green) 10 jars of 50 capsules - 800 mg alloy each

603016 NO. 3 SPILL BULK (Lime Green) 4 jars of 250 capsules - 800 mg alloy each



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CAULK

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All data on file.

Wig-L-Bug, Zenith Stirspeed Model TP-103, Zenith Stirspeed Model Z-1A, Pelton & Crane Spirit Model SM, Adec Model 644, ESPE CapMix, Kerr AutoMix, Vivadent Silamat Plus, Torit Capmaster, and SDI Ultramat 2 are not registered trademarks of DENTSPLY International.

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