



GS-80

ECONOMICAL, HIGH STRENGTH,
ADMIX AMALGAM



HIGH STRENGTH NON-GAMMA 2 ADMIX ALLOY

The technically advanced, non-gamma 2 admix amalgam at an affordable price.

GS-80's high strength and positive dimensional change ensures longevity and patient satisfaction.

Over 200 million successful GS-80 restorations have been placed since its worldwide release in 1986.

**POSITIVE
DIMENSIONAL
CHANGE**

**CHOICE OF
CAPSULE SIZES
AND SETTING TIMES**

**HIGH COMPRESSIVE
STRENGTH**

OPTIMAL HANDLING CHARACTERISTICS

GS-80's consistent mix, ease of loading, placement in preparations, condensability, burnishability, quality of interproximal contact, carvability, and setting characteristics ensure the final restorations meet the needs of the operator.



ULTRAMAT 2

The dual voltage Ultramat 2 with a high precision microprocessor controlled timer provides consistent and accurate trituration, ensuring the optimal handling and clinical characteristics of mixed materials.

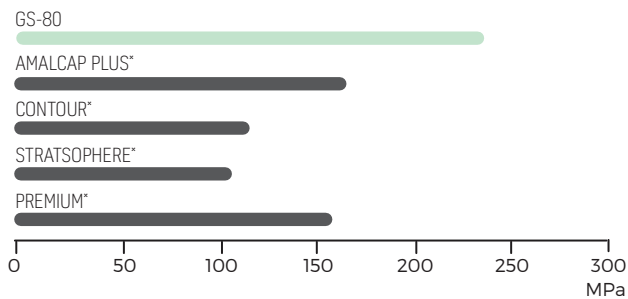


HIGH STRENGTH AND POSITIVE DIMENSIONAL CHANGE

HIGH COMPRESSIVE STRENGTH

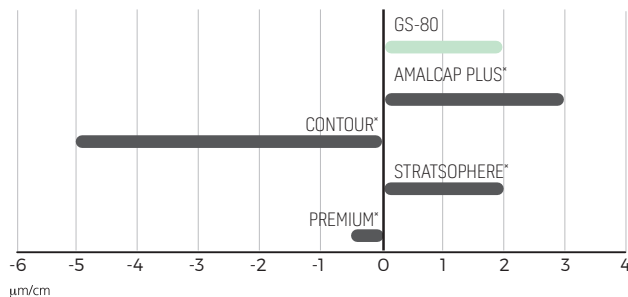
GS-80's high compressive strength minimizes the risk of fracturing the restoration^[1]. High compressive strength ensures a tough and durable long lasting restoration.

COMPRESSIVE STRENGTH @ 1 HOUR ^[1]



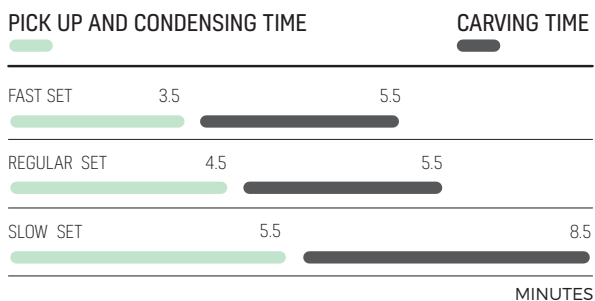
POSITIVE DIMENSIONAL CHANGE

GS-80's positive dimensional change ensures excellent sealing qualities at the margins^[1]. Negative values can contribute to post operative sensitivity.



GREATER CHOICE OF SETTING TIMES AND LARGER CHOICE OF CAPSULE SIZES

The working and setting times allow large restorations to be condensed and carved without difficulty.

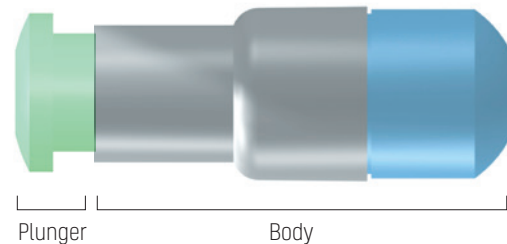


PHYSICAL PROPERTIES

Composition:	Ag 40%, Sn 31.3%, Cu 28.7%, Hg 47.9%
Alloy Particle:	Spherical and Lathe Cut
Compressive strength @ 1 hour:	225MPa [32,625psi]
Compressive strength @ 24 hours:	510MPa [73,950psi]
Diametral tensile strength @ 1 hour:	22MPa [3,190psi]
Diametral tensile strength @ 24 hours:	54MPa [7,830psi]
Static creep @ 7 days:	0.1%
Dimensional change @ 24 hours:	+2μm/cm

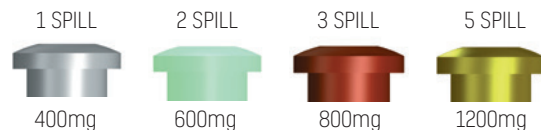
CAPSULE SYSTEM

The SDI capsule system is designed to give consistent and accurate mixes every mix.

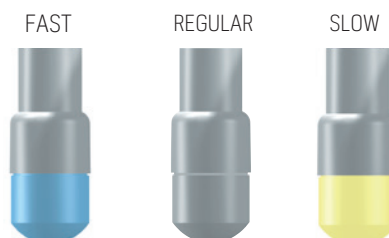


CONVENTIONAL CAPSULES

The plunger denotes the spill size:



The capsule body denotes the setting speed:



NOTE: 5 Spill only available in regular set.

ORDER DETAILS



GS-80 CAPSULES

Boxes of 50 capsules - One Spill 400mg alloy

Slow Set	4401404
Regular Set	4401403
Fast Set	4401402

Boxes of 50 capsules - Two Spill 600mg alloy

Slow Set	4402404
Regular Set	4402303
Fast Set	4402202

Boxes of 50 capsules - Three Spill 800mg alloy

Slow Set	4403404
Regular Set	4403303
Fast Set	4403202

Boxes of 50 capsules - Five Spill 1200mg alloy

Regular Set	4405000
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Jars of 500 capsules - One Spill 400mg alloy

Slow Set	4421404
Regular Set	4421403
Fast Set	4421402

Jars of 500 capsules - Two Spill 600mg alloy

Slow Set	4422404
Regular Set	4422303
Fast Set	4422202

Jars of 500 capsules - Three Spill 800mg alloy

Slow Set	4423404
Regular Set	4423303
Fast Set	4423202

Jars of 500 capsules - Five Spill 1200mg alloy

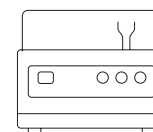
Regular Set	4425000
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GS-80 ALLOY TABLETS

Regular set 5oz	4450303
Regular set 1oz	4450505
Regular set 150g	4440303
Regular set 30g	4440304

GS-80 ALLOY POWDER

Regular set 5oz	4460303
Regular set 30g	4470303
Regular set 50g	4480303
Regular set 250g	4960303



EQUIPMENT

Ultramat 2 (USA - includes power cord for USA)	5546045
Ultramat 2 (All countries - includes power cord for the region the product is shipped to)	5546052

MIXING TIMES

Ultramat 2	
Frequency	Fixed (4550 rpm)
1, 2 & 3 Spill	8 ± 1 sec
5 Spill	6 ± 1 sec



WARNING: This product can expose you to mercury, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

GS-80 capsules conform to ISO 24234, ANSI/ADA Specification No.1.
*Amalcap Plus, Contour, Stratosphere and Premium are not the registered trademarks of SDI Limited.
[1] Source-Published and SDI test data.



YOUR SMILE. OUR VISION.



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