



# 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.

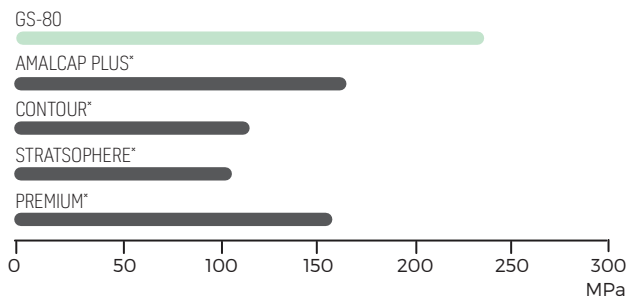


# HIGH STRENGTH AND POSITIVE DIMENSIONAL CHANGE

## HIGH COMPRESSIVE STRENGTH

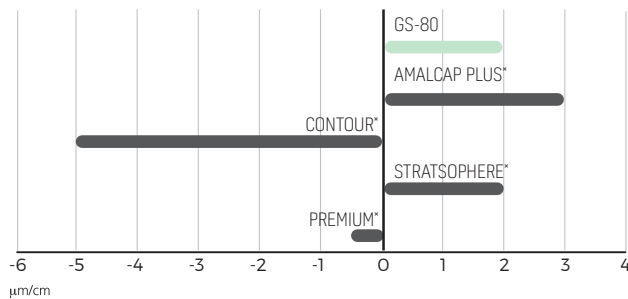
GS-80's high compressive strength minimizes the risk of fracturing the restoration<sup>[1]</sup>. High compressive strength ensures a tough and durable long lasting restoration.

### COMPRESSIVE STRENGTH @ 1 HOUR <sup>[1]</sup>



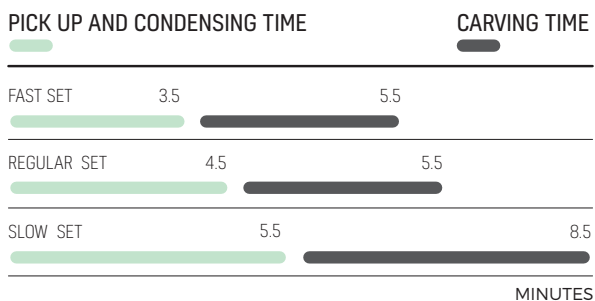
## POSITIVE DIMENSIONAL CHANGE

GS-80's positive dimensional change ensures excellent sealing qualities at the margins<sup>[1]</sup>. 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.

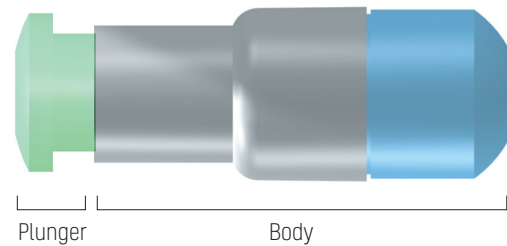


## PHYSICAL PROPERTIES

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

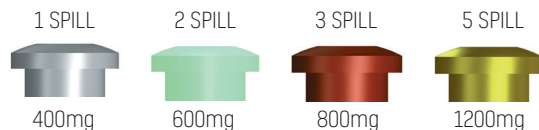
## CAPSULE SYSTEM

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

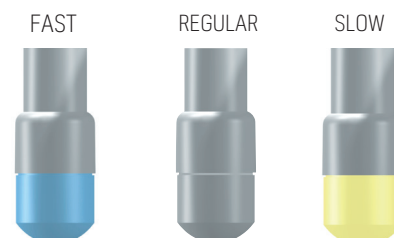


## CONVENTIONAL CAPSULES

The plunger denotes the spill size:

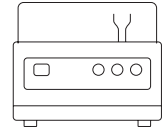


The capsule body denotes the setting speed:



**NOTE:** 5 Spill only available in regular set.

# ORDER DETAILS



## GS-80 CAPSULES

<b>Boxes of 50 capsules - One Spill 400mg alloy</b>	
Regular Set	4401203
Fast Set	4401202
<b>Boxes of 50 capsules - Two Spill 600mg alloy</b>	
Slow Set	4402404
Regular Set	4402303
Fast Set	4402202
<b>Boxes of 50 capsules - Three Spill 800mg alloy</b>	
Regular Set	4403303
Fast Set	4403202
<b>Boxes of 50 capsules - Five Spill 1200mg alloy</b>	
Regular Set	4405000
<b>Jars of 500 capsules - One Spill 400mg alloy</b>	
Slow Set	4421404
Regular Set	4421403
Fast Set	4421402
<b>Jars of 500 capsules - Two Spill 600mg alloy</b>	
Regular Set	4422303
Fast Set	4422202
<b>Jars of 500 capsules - Three Spill 800mg alloy</b>	
Regular Set	4423303
Fast Set	4423202
<b>Jars of 500 capsules - Five Spill 1200mg alloy</b>	
Regular Set	4425000

## EQUIPMENT

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

## MIXING TIMES

<b>Ultramat 2</b>	
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](http://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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**GERMANY** 0800 100 5759

**ITALY** 00800 0225 5734  
**NEW ZEALAND** 0800 808 855  
**SPAIN** 00800 022 55 734  
**UNITED KINGDOM** 00800 022 55 734  
**USA & CANADA** 1 800 228 5166