

# gs-80 spherical

ECONOMICAL, HIGH STRENGTH SPHERICAL AMALGAM

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technically advanced,  
non-gamma 2 spherical  
amalgam at an  
affordable price

# gs-80 spherical

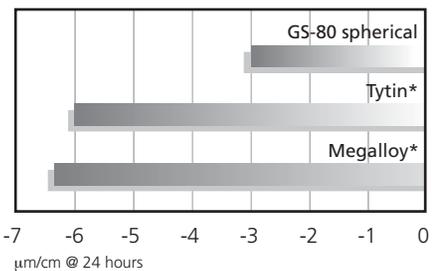


GS-80 spherical's superior quality and outstanding strength ensures greater safety margins and a tough, durable restoration

GS-80 spherical has optimised plasticity which enables easy placement producing minimum porosity and maximum strength

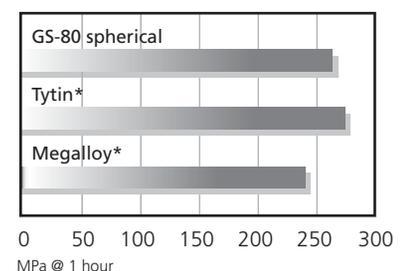
#### Dimensional change (1)

GS-80 spherical has a small negative contraction. Large negative values can contribute to post operative sensitivity.



#### High compressive strength (1)

GS-80 spherical's high compressive strength minimises the risk of fracturing the restoration. High compressive strength ensures a tough, durable and long lasting restoration.

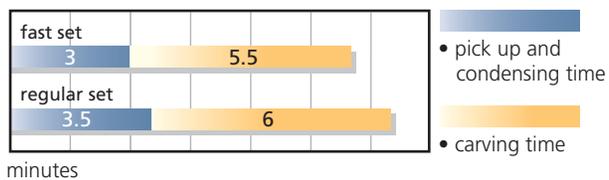


#### Physical properties

composition	Ag 56%, Sn 29%, Cu 15%
mercury to alloy ratio	0.74 : 1 (42.5% Hg)
alloy particle	spherical
compressive strength @ 1 hour	260 MPa (37,700 psi)
compressive strength @ 24 hours	530 MPa (76,850 psi)
diametral tensile strength @ 1 hour	25 MPa (3,625 psi)
diametral tensile strength @ 24 hours	50 MPa (7,250 psi)
static creep @ 7 days	0.1 %
dimensional change @ 24 hours	-3 µm/cm

### Choice of setting times

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



### Capsule system



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

### Optimal handling characteristics

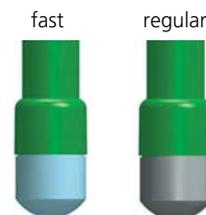
GS-80 spherical's consistent mix, ease of loading, placement in preparations, condensability, burnishability, quality of interproximal contact, carvability, and setting characteristics ensure the final restorations meet the needs of the operator.

### Choice of capsule sizes

the plungers denote the spill size:



the rest of the capsule denotes the setting speed:



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

## ultrammat 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.



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\* Tytin and Megalloy are not the registered trademarks of SDI Limited.  
(1) Source-Published and SDI test data.



Made in Australia by SDI Limited  
Bayswater, Victoria 3153  
Australia 1 800 337 003  
Austria 00800 022 55734  
Brazil 0800 770 1735  
France 00800 022 55 734  
Germany 0800 100 5759  
Ireland 01 886 9577  
Italy 800 780625  
New Zealand 0800 734 034  
Spain 00800 022 55 734  
United Kingdom 00800 022 55 734  
USA & Canada 1 800 228 5166  
[www.sdi.com.au](http://www.sdi.com.au)

**Boxes of 50 capsules - one spill 400 mg alloy**

4401363 regular set  
4401262 fast set

**Boxes of 50 capsules - two spill 600 mg alloy**

4402363 regular set  
4402262 fast set

**Boxes of 50 capsules - three spill 800 mg alloy**

4403363 regular set  
4403262 fast set

**Boxes of 50 capsules - five spill 1200 mg alloy**

4405060 regular set

**Jars of 500 capsules - one spill 400 mg alloy**

4421363 regular set  
4421262 fast set

**Jars of 500 capsules - two spill 600 mg alloy**

4422363 regular set  
4422262 fast set

**Jars of 500 capsules - three spill 800 mg alloy**

4423363 regular set  
4423262 fast set

**Jars of 500 capsules - five spill 1200 mg alloy**

4425060 regular set

**Introductory Pack**

Contains: 50 assorted conventional GS-80 spherical capsules.  
10 x 1 Spill, 25 x 2 Spill, 10 x 3 Spill, 5 x 5 Spill.  
Total alloy weight 33g.  
4402266 regular set

