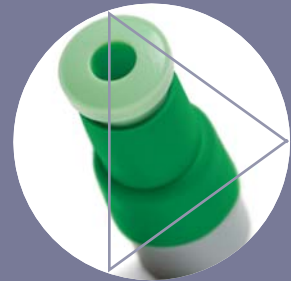


gs-80 spherical

ECONOMICAL, HIGH STRENGTH SPHERICAL AMALGAM



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

gs-80 spherical

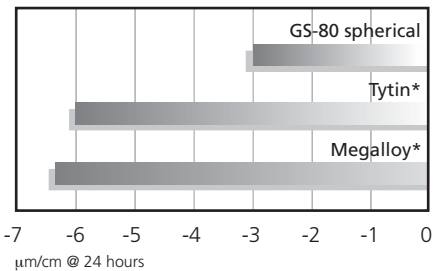


GS-80 spherical's superior quality and outstanding strength ensures greater safety margins and a tough, durable restoration

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.



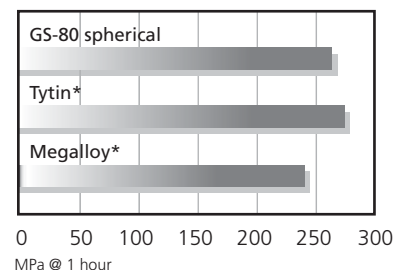
-7 -6 -5 -4 -3 -2 -1 0
µm/cm @ 24 hours

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

High compressive strength (1)

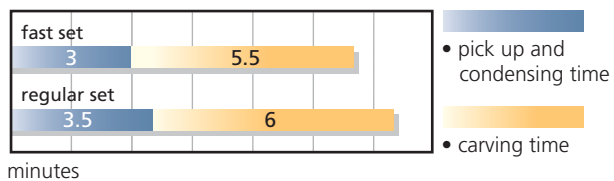
GS-80 spherical's high compressive strength minimises the risk of fracturing the restoration. High compressive strength ensures a tough, durable and long lasting restoration.



0 50 100 150 200 250 300
MPa @ 1 hour

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

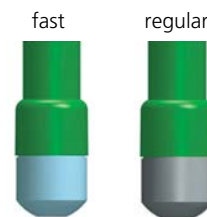
GS-80 spherical's consistent mix, ease of loading, placement in preparations, condensability, burnishability, quality of interproximal contact, carvability, and setting characteristics ensure the final restorations meet the needs of the operator.

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.

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.



gs-80 spherical



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



Made in Australia by SDI Limited
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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

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

