

Amalgams

ventura

Since 1986

with the best materials we...

reconstruct unique pieces

*M*adespa



“According to the FDI and WHO, dental amalgams are commonly used to restore decayed teeth.

These materials have been successfully used for over a hundred years and their quality has improved over this period. Amalgam-based restorations are very strong and cost-effective; they do not reproduce, however, the tooth colour. Although a great deal of research has focussed on the development of novel dental restorative materials, there is currently no other direct filling material with such broad indications for use, such good physical properties and so easy to handle as dental amalgam. The current restorative materials that can replace dental amalgam significantly increase the cost of dental care”.

Declaration FDI

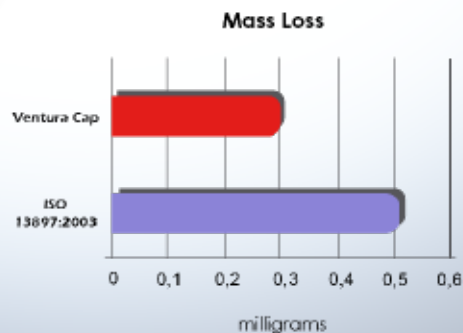


ventura

Amalgam capsules

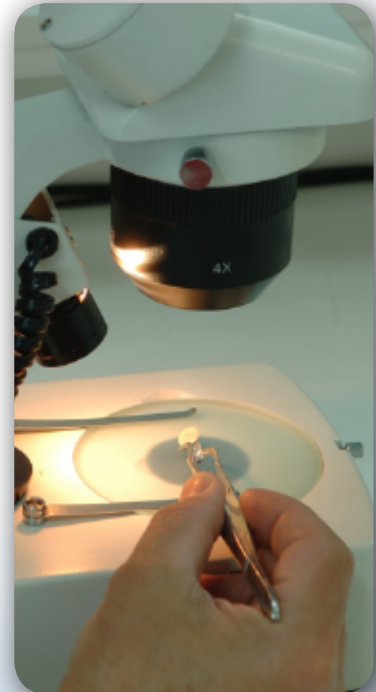
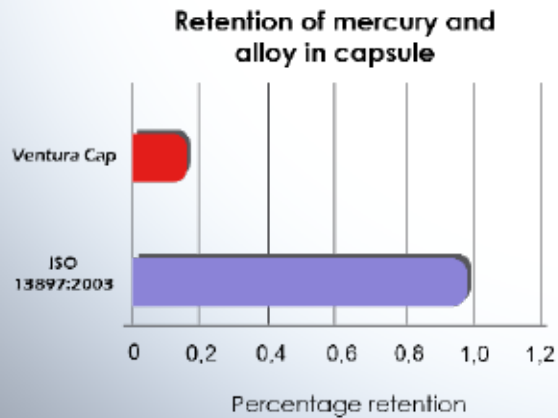
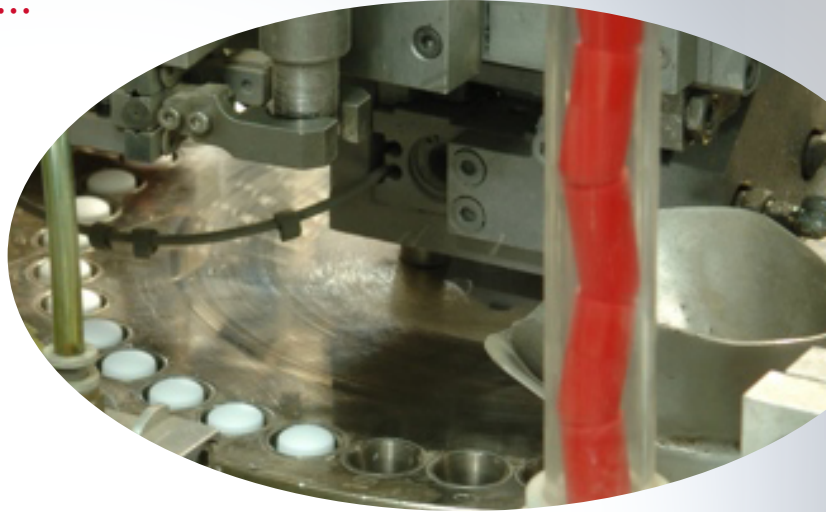


Self-activating ventura capsules allow simple and safe handling and fast amalgamation. The encapsulation system is designed to ensure accurate dispensing of the alloy and mercury powder. Similarly, this system results in minimal mercury release and mass loss.



Safety to mercury exposure...

Given current concerns regarding exposure to mercury vapours, Madespa packages this metal in an ultrasound-sealed sodium ionomer material, thereby preventing the release of mercury vapours and COMPLETELY isolating it from the alloy until the capsule is activated during mixing.



ventura **ng**

the 21st Century amalgam

40,5 % Ag

ventura **ng** is a technically advanced NON GAMMA 2 amalgam with a high copper content that offers optimal performance.

Composition: Ag: 40.50% - Sn: 31.90% - Cu: 27.60%.

Particle types: 70% spherical / 30% irregular.



Advantages

- Firm condensation.
- Optimal polishing.
- Easy to shape.
- Its size stability ensures an excellent marginal seal, thereby decreasing the possibility of microfiltrations and subsequent post-operative sensitivity.

The high 1-h compressive strength of **ventura ng**, which far exceeds the value established in international standards, minimises the possibility of marginal fractures and eliminates the risk of fractures due to premature masticatory forces.

PHYSICAL PROPERTIES

	NG	ISO 24234:2015
Compressive strength (1 h)	177 MPa	min 100 MPa
Compressive strength (24 h)	395 MPa	min 350 MPa
Creep	0,19 %	max 2%
Size change	-0,02 %	-0,10 + 0,15 %

Dose

Alloy 400 mg
Hg 377 mg

Nº 1

Alloy 600 mg
Hg 565 mg

Nº 2

Alloy 800 mg
Hg 753 mg

Nº 3

ventura **high alloy**

the traditional amalgam

ventura **high alloy** is a DISPERSED PHASE non gamma 2 amalgam with a high silver content.

69,2 % Ag

Composition: Ag: 69.2% - Sn:18.6% - Cu:11.9% - Zn: 0.3%

Particle types: 30% spherical / 70% irregular.



Advantages

- Ideal mixing consistency.
- Optimal polishing properties.
- Excellent quality of contact points.
- Easy to shape.
- Guaranteed marginal seal.

Restorations performed with ventura **high alloy** are smooth and present an excellent marginal seal, especially after polishing, thus ensuring that the final restoration will comply with dental requirements.

PHYSICAL PROPERTIES

	High Alloy	ISO 24234:2015
Compressive strength (1 h)	173 MPa	min 100 MPa
Compressive strength (24 h)	447 MPa	min 350 MPa
Creep	0,67 %	max 2%
Size change	0,11 %	-0,10 + 0,15 %

Dose

N° 1	Alloy 400 mg Hg 435 mg
N° 2	Alloy 600 mg Hg 653 mg
N° 3	Alloy 800 mg Hg 865 mg

Amalgamators

A high-energy amalgamator with a minimum of 4200 rpm must be used to ensure a homogeneous mixture of amalgam alloy and mercury for an easy handling.

ventura **mix**



Ref : 0201

A high-energy amalgamator suitable for all types of amalgam capsules.

- Digital control.
- Times can be pre-programmed.
- ∞ Vibration at 4300 rpm.

ventura **mix 2**

A high-energy amalgamator suitable for all types of amalgam capsules, cements and glass ionomers.

- Digital control.
- Times of between 1 and 99 seconds can be pre-programmed.
- ∞ Vibration.
- Eight speeds:
3900/4000/4100/4200/
4300/4350/4400/4500 rpm.



Ref: 0203

Packaging

ventura **ng**



500 capsules

50 capsules

Spill n°1 0283

0282

Spill n°2 0286

0285

Spill n°3 0289

0288



Powder: 30 gr

0257

Powder: 250 gr

0258

ventura **high alloy**



500 capsules

50 capsules

Spill n°1 2516

2515

Spill n°2 2519

2518

Spill n°3 2523

2522



Powder: 30 gr

0264

Powder: 250 gr

0265



You can find out more about our filling materials in our composite brochure.



Distributed by:



Madespa

Río Jarama, 120
45007 - Toledo - España (Spain)
www.madespa.com
info@maadespa.com
international@maadespa.com
tel: (+34) 925 241 025