



Cavex Holland BV  
P.O. Box 852  
2003 RW Haarlem  
The Netherlands

T +31 23 530 77 00  
F +31 23 535 64 82  
dental@cavex.nl  
www.cavex.nl

**PRODUCT FEATURES**

- accurate
- strong and elastic
- 2 x pouring out
- 50 years of experience
- extensive Quality Control, constant high quality



**Everything you need for a perfect impression.**

**Product overview**

	Cavex CA37		Cavex Impressional		Cavex ColorChange
	NS	FS	NS	FS	FS
System Pack 6 refills + access.	AA070	AA020	AA081	AA080	AA300
6 kg Refill Pack 12 refills + access.	AA072	AA022	AA083	AA082	AA312
Economy Pack 20 refills	AA075	AA025	AA096	AA097	AA323
Pre-dose Pack 300 sample bags	AA063	AA043	AA087	AA086	AA343
Trial Pack 1 refill CA37 NS, Impressional NS, ColorChange + access. 1 refill CA37 FS, Impressional FS, ColorChange + access.					AA01 AA02

**Accessories**

Alginate Container: with dosing scoop, conditions the powder, easy-opening lid.	AT240
Alginate storage box: air and moisture tight.	AT040
Powder scoop, water measure.	AT076
Mixing bowl: flexible, easy to mix homogeneously without lumps or air bubbles.	AT041
Spatula: plastic.	AT042
Spatula: metal.	AT060
Water dosing bottle: easier dosing, water always at room temperature.	AT021
Fully automatic alginate mixer: a perfect mix in 10 seconds (only together with Cavex alginate).	ask your dental dealer
Cavex GreenClean: pH-neutral, cleans trays, spatulas and instruments.	HA001
Cavex alginate adhesive: alginate adhesive for impression trays, 2 x 14 ml.	AB010

Cavex alginates and accessories are available from your dental supplier. For further information about product composition and applications, please contact Cavex, +31 23 530 77 00 - www.cavex.nl



**Tested a million times in daily use:  
Cavex alginates, 55 years worldwide experience.**

**CAVEX YOUR IMPRESSION IS OUR CONCERN**

Impression materials are the starting point of many dental operations. High-quality impressions give the dentist confidence in a good end result. Cavex offers a well-tryed and reliable range of alginates and auxiliary materials developed according to the requirements of the dental practice. Your impression is our concern

## Sometimes the dentist does not want to be surprised.

For you, alginate impressions are an every day aid to prosthetic and orthodontic treatment. For an initial impression for crown and bridge work, inlays and onlays; for manufacturing positive or study models, orthodontic working models and for defining occlusal contact points.

In all cases you rely on lump-free, bubble-free alginate. Dust-free during measuring, and with good, particularly rapid water absorption. Material that always has the same, pleasant consistency and the same working time. What you are ultimately aiming for is a true, highly detailed impression that is above all strong, elastic and dimensionally stable.

No surprises, in other words. This also applies to your patient. Cavex alginate is a natural material and contains no irritating substances, which may cause allergic reactions. Impressions can be disinfected.

To comply with your quality requirements at all times and in every situation, we test raw materials and alginates before, during and after production. Look at the test results. And we have been doing this now for 50 years. Precision is one of the reasons for Cavex' worldwide success.



*Cavex alginate has a compression strength of 1,0 Mpa (ISO-norm 0,35 Mpa). Therefore you can always remove the impression from the mouth without tearing, even with a large number of undercuts. It can even be poured out twice without any problem.*

# Reliability, through the combination of strength and elasticity.

Every package leaving the factory complies at least with the international standards, EN21563, ISO1563 en ADA no. 18. To verify this Cavex has at its disposal advanced measuring and testing equipment, for instance for measuring the compression strength (see photo). The performance of Cavex alginates go beyond the requirements of the international standards in many cases, as the test results show (see right column).

### Cavex CA37, millions of impressions, worldwide.

The undisputed standard. With Cavex CA37 over 150 million impressions have been made worldwide. On a daily base tens of thousands are added to this amount. It is the reference for dentists all over the world now for over 50 years.

CA37 is an alginate with a firm consistency and is used for all indications in the dental practice, every time with the same, accurate result.

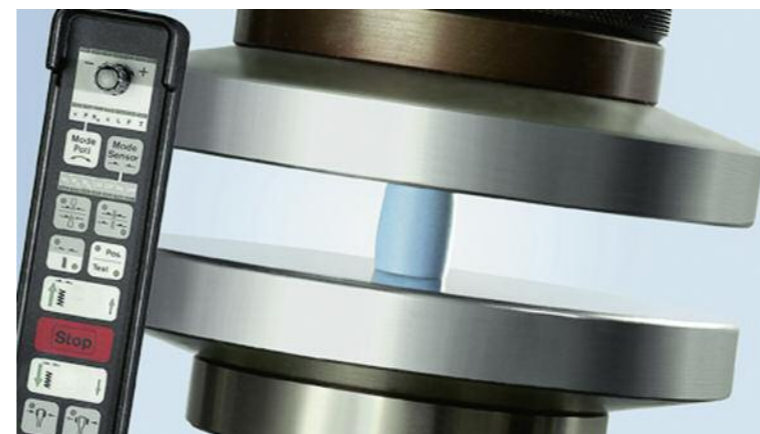


### Cavex Impressional, detail reproduction of 25 µm, extremely elastic, high compression strength.

Thanks to the unique combination of elasticity, compression strength and the utmost precision in detail reproduction of 25 µm (standard requirement is 50 µm) Cavex Impressional is ideal for all common

indications and especially for orthodontic and specialised work with a large number of undercuts.

Other applications of this high-quality material are the stiff alginate technique and, in combination with Cavex Combiloid, the alginate-hydrocolloid technique for highly detailed impressions (inlays, onlays, crown- and bridge work).



### Cavex ColorChange, visible setting process, dimensionally stable for 5 days.

The visible verification of the mixing and setting process has advantages for dentist and patient. You don't need to watch the clock but can concentrate on the patient instead. A small amount of the colour changing alginate in the patient's hand distracts and increases relaxation.

The two colour changes indicate the moment to fill the tray and place it in the mouth precisely, as well as the moment to remove the tray again.



*Beginning of the mixing process of water and alginate powder. End of mixing process, tray can be filled and placed in the patient's mouth. End of hardening, the tray can be removed. The impression after 15 to 30 minutes.*

Cavex ColorChange can be used for all indications; it is preferable if a monitored working process is desired.

Above all the impression is dimensionally stable for 5 days. Therefore an impression taken before the weekend can be poured out after the weekend, without any problem even a second time.



## FACTS & FIGURES

### Performance and specifications

Specifications	Cavex CA37	Cavex Impressional	Cavex ColorChange
contents	500 g	500 g	500 g
number of impressions*	appr. 35	appr. 38	appr. 35
consistency	firm	elastic	elastic
dimensional stability	2 days	2 days	5 days
detail reproduction	50 µm	25 µm	25 µm
powder colour	pink	blue	light pink
colour change	no	no	yes
elasticity	+++	++++	++++
taste	peppermint	spearmint	peppermint
setting types	Fast Set and Normal Set	Fast Set and Normal Set	Fast Set
shelf life	3 years	3 years	3 years

\* Based on 2 Cavex powder scoops per impression and depending on your consistency preference.

### Working time in minutes

Process	CA37 Normal Set Impressional Normal Set	CA37 Fast Set Impressional Fast Set ColorChange
mixing time	1/2	1/2
total working time	2	1 1/2
setting time in the mouth	1 1/2	1
total setting time	3 1/2	2 1/2

### Quality Control, testresults Cavex alginates in comparison with EN21563 / ISO1563 and ADA no. 18

Properties	EN21563/ ISO1563	Cavex standard
compression strength	0,35 Mpa	≥ 1,0 Mpa
recovery after distortion	95%	≥ 97%
elastic distortion	5 - 20%	14 - 16%
detail reproduction	50 µm	25 - 50 µm
deterioration in accordance with ADA no. 18	compression strength after testing: 0,26 Mpa	compression strength after a testing: ≥ 0,6 Mpa