

Speedex

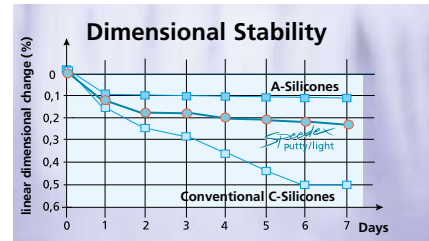


Fast in a moist environment

THE FIRST C-SILICONE WITH SNAP S

The new C-Silicone with A-Silicone qualities

Speedex offers physical properties that approximate to those of addition cured silicones – polyvinylsiloxanes. A new formulation “DCP” – Dimension Controlling Precondensate (developed by and exclusive to Coltène/Whaledent) – gives a highly elastic, dimensionally stable material with high precision. Unlike conventional C-Silicones, models may be cast up to seven days after impression taking.



High dimensional stability:
models can be poured up to seven days after impression taking.

The elastic recovery and detail reproduction of Speedex impressions approach addition silicone quality.



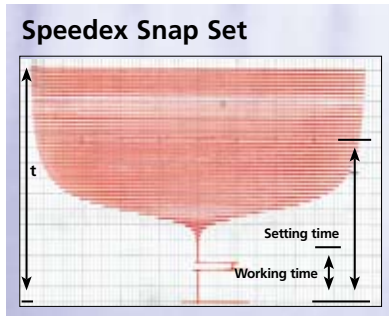
7 DAYS STABILITY

The secret of the new formulation

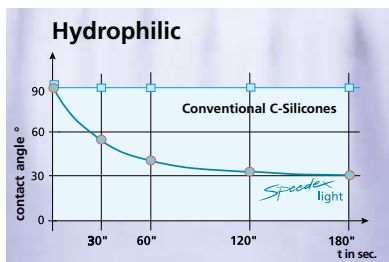
In conventional C-Silicones shrinkage is caused by the evaporation of volatile by-products (alcohol) during polymerization. The unique DCP (Dimension Controlling Precondensate) formulation of Speedex considerably reduces the alcohol loss by transferring part of the Ester Interchange reaction to the manufacturing process; this “Precondensation” means Speedex impressions stay stable for days!



ET AND A-SILICONE QUALITIES.



The Speedex snap set: despite 20 % overdosing a comfortable working time is achieved. The material will flow during insertion; then "snap".



The addition of surfactant to Speedex "light" gives a clear clinical advantage over conventional "C"-Silicones for an improved performance in a moist environment.

TIME SAVING

Thermosensitive Technology

You can choose the setting time to suit your technique, and Speedex will always give a "snap" set.

The Speedex rheology diagram clearly shows a "steep" snap set characteristic. Simply adjust the total setting time to suit you by adding or subtracting activator.

The Speedex formula incorporates thermosensitive elements which react quickly to the difference between ambient and "mouth" temperature. The resulting fast "snap" set increases patient comfort with no "gag" reflex and ensures no remakes as a result of deformation caused when holding the tray in the mouth.

SUPERIOR DETAIL

Surfactant molecules in Speedex light body moves to the surface on contact with moisture. This reduces the contact angle for superior detail reproduction on both impression and model die.



MOISTURE CONTROL

Greater patient acceptability and moisture control.

Choose the technique that suits your clinical situation: two stage "putty-wash", single stage "simultaneous", or relining.



Easy accurate dispensing of paste activator gives reliable setting time. Polymerization is not affected by the use of latex gloves.





Speedex putty

Speedex putty normal dosage

| Mixing time | max. working time | time in mouth |
|-------------|-------------------|---------------|
| 45 s | 1 min 30 s | 3 min |

maximum 4 min 30 s

Speedex putty 20 % overdosage of activator

| Mixing time | max. working time | time in mouth |
|-------------|-------------------|---------------|
| 30 s | 1 min | 2 min |

maximum 3 min

Speedex putty 20 % underdosage of activator

| Mixing time | max. working time | time in mouth |
|-------------|-------------------|---------------|
| 45 s | 2 min | 3 min 20 s |

maximum 5 min 20 s

Speedex light body



Speedex light body normal dosage

| Mixing time | max. working time | time in mouth |
|-------------|-------------------|---------------|
| 30 s | 1 min 30 s | 3 min |

maximum 4 min 30 s

Speedex light body 20 % overdosage of activator

| Mixing time | max. working time | time in mouth |
|-------------|-------------------|---------------|
| 20 s | 1 min | 2 min |

maximum 3 min

Speedex light body 20 % underdosage of activator

| Mixing time | max. working time | time in mouth |
|-------------|-------------------|---------------|
| 30 s | 2 min | 3 min 20 s |

maximum 5 min 20 s



Just one activator

Speedex activator is used for both the putty and light body materials.

Speedex
surface activated



FAST AND EASY –

a better C-Silicone

- Adjust working time between one and two minutes by over- or underdosing activator.
- Due to the thermosensitive properties of Speedex, the material is completely set after only two minutes.
- Models can be poured up to seven days after impression taking.
- Speedex light body is surface activated.
- Problem-free disinfection without swelling.

Speedex
surface activated

Two stage putty-wash impression with Speedex.



Dispense putty, mix and load impression tray.



Insert impression tray, when the material has set, remove tray and – if necessary – cut out preparation contours with a cutting knife.



Dispense light body material, mix and a) fill a syringe or b) directly pour the material into the primary impression and syringe around preparations.



Insert impression tray in the mouth and wait until light body material has set.



After 2–3 min oral setting time: the perfect Speedex impression.

Single stage simultaneous impression with Speedex.



Dispense putty, mix and load impression tray.



Dispense light body material at the same time, mix and load syringe.



Syringe light body around the preparation.



Insert impression tray and wait until material is set.



After 2–3 min oral setting time: the perfect Speedex impression.

Ordering Information

Speedex

| | | |
|-------------|---|-------------------|
| 4970 | Speedex putty Single-Pack | 1 x 910 ml |
| 4980 | Speedex light body surface activated Single-Pack | 1 x 140 ml |
| 4990 | Speedex Universal Activator Single-Pack | 1 x 60 ml |
| 4410 | Adhesive | 1 x 10 ml |
| 4414 | Mixing Pad | 10 pcs |
| 4415 | Spatula | 1 pc |
| 4426 | Impression syringe (with 15 Swivel Tips) | 3 pcs |
| 4428 | Refill Swivel Tips | 50 pcs |

