

EXA'lence™ 370 

VINYL POLYETHER SILICONE (VPE'S) IMPRESSION MATERIAL
 3D printing or dental profession use the recommended indication.

Velocity	Setting	Type of Mixing Tip
MEDIUM BODY	Regular & Fast Set	Dynamic Mixing Tip (Yellow)
HEAVY BODY	Regular & Fast Set	Dynamic Mixing Tip (Yellow)

RECOMMENDED INDICATIONS and Impression Techniques

Indication	Impression Technique	Tray Type	Recommended Viscosity
Double mix single impression		Medium Body	
Impression for facing, lingual, or bridge	Stock or Light Body	Heavy Body or Medium Body (Extra Light Body)	
	Double mix double impression (Push away method)	Putty or Heavy Body or (Extra) Light Body	
Tray type technique	Tray Type	Heavy Body (Rigid) + (Extra) Light Body	
Impression for partial denture	Custom Tray	Medium Body	
Impressions for	Single mix single impression	Custom Tray	Medium Body or Light Body

CONTRAINDICATIONS
 Avoid use of the product in patients with known allergy and favoring allergies.

PHYSICAL PROPERTIES (Average)
 1. Elongation at Break: 174(22.2 ± 4.2%)
 2. Modulus of Elasticity: 0.5(N/mm²)

Medium Body (Monophase) (Type 2)	Heavy Body (Monophase) (Type 1)	
Minimum time (in minutes)	Regular: 2 min. Fast: 1.5 min.	Regular: 2 min. Fast: 1.5 min.
Minimum time (in seconds)	Regular: 3 min. Fast: 1.5 min.	Regular: 3 min. Fast: 1.5 min.
Recovery from Deformation (%)	Regular: 98.1% Fast: 97.0%	Regular: 98.1% Fast: 98.1%
Maximum strain in compression (%)	Regular: 2.0% Fast: 3.0%	Regular: 2.0% Fast: 3.0%
Linear dimensional change (%)	± 10%	± 10%
Detail reproduction	20µm	50µm
Compatibility with gypsum	20µm	50µm

PRECAUTIONS
 When extruding EXA'lence, care should be taken to avoid mixing or contact with the following materials. These may delay or prevent setting: catalyst for condensation silicone impression materials, polyether impression materials, eugenol materials, sulfur, latex, oil, acrylates, glycerol, spray-type or ointment-type topical surface anesthesia (e.g. lidocaine).

DIRECTIONS FOR USE
CARTRIDGE LOADING AND DISPENSING
 Note: The cartridges are heavy and dropping may result in damage to the cartridges rendering it unusable. The cartridge and tray provided are compatible with a dynamic mixer. Also refer to the manufacturer's instructions.

1. Hold and support the cartridge with the extrusion nozzle facing upwards.
2. Grasp the tab on the cap and bend in an upward 90° direction. Do not place excessive stress on the cap.
3. Withdraw bottom cartridge, grasp the tab with thumb and forefinger and remove the cap from the cartridge.
4. Insert the cartridge into the mixer according to the manufacturer's instructions.
5. Push the small amount of material from the nozzle of the cartridge prior to each use. Wipe off the extruded material in a vertical direction to avoid cross contamination of the nozzles.
6. Insert a supplied mixing tip on the extrusion nozzle following the manufacturer's instructions.

7. Do not use other mixing tips. Do not fill not properly filled cartridge to leak from the nozzle.
8. If the mixing tip does not seat easily, be sure the internal center of the mixing tip is properly aligned with the drive shaft of the mixer.
9. Once the mixing tip is properly placed, place nozzle locking ring over the mixing tip and turn 1/4 turn clockwise until ring is seated.

IMPRESSION STEP
 Note: Prior to use, leave the material to stand at room temperature. The stock or refrigerated material may delay setting.

1. Make sure the preparation is dry and free of debris during impression taking.
2. Block out undercuts to aid impression removal.
3. Apply a top adhesive (GC Universal VPS Adhesive, etc.) to the tray and leave to dry. Read manufacturer's instructions for use.
4. Press the button and dispense the mixed base and catalyst into the material tray.
5. Immediately after dispensing, move the plungers of the machine off the cartridge to prevent continued pressure on the material and do not touch the material on the tip.
6. Inject the wash material onto the prepared teeth and completely cover the preparation. Blasting with air is not necessary.
7. EXA'lence's hydrophilic property enables better self-wetting, allowing an excellent adaptation to the tooth.
8. The use of the double mix technique for impression or Putty-wash technique, make sure the preliminary impressions cleaned and thoroughly dried prior to taking the final impression.
9. Rinse the mouth. See above table for recommended working times.
8. Wait for the material to set.
9. EXA'lence has a chemistry that allows it to polymerize faster in the oral cavity than at room temperature. Therefore to determine setting, examine material in the mouth since the material at bench will yield a false result. Material at room temperature will not set within acceptable time.
10. Higher temperatures shorten working time and lower temperatures increase working time.
9. Remove impression and rinse under running tap water.

DISINFECTION
 The impression can be disinfected with a glutaraldehyde solution or other appropriate disinfectants. Refer to the respective manufacturer's instructions for use.

MODEL FABRICATION

1. After the impression is rinsed with water, wait for 60 minutes before using it for model preparation.
2. Pour a model within 14 days after impression taking. EXA'lence is compatible with type III and type IV stone (GC Fuji ROCK™ EP) and can be silver or copper plated.

CAUTION

1. Avoid contact of base, catalyst, mixed material or adhesive with eyes. In case of contact, immediately flush with generous amount of water and seek medical attention on suspicion of poisoning.
2. Avoid getting material on clothing as it is difficult to remove.
3. Avoid contact of product with your face sensitivity in some people and safety eyewear should always be worn.
4. In rare cases, the product may cause sensitivity in some people. If any such reactions are experienced, discontinue the use of the product and refer to a physician.

STORAGE
 Recommended for optimal performance, store at room temperature (69° - 77°F / 15° - 25°C).

PACKAGES

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| 1. EXA'lence 370 MEDIUM BODY (MONOPHASE) Regular and Fast Set 51g (370ml) x 2 cartridges | 4. EXA'lence 370 MEDIUM BODY (MONOPHASE) Regular and Fast Set 51g (370ml) x 2 cartridges |
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CEILING AND DOWNSIDE
 CEILING: CEILING SYSTEMS: All oral cross-contamination between patients is prevented by the use of this product. Downside: Downside of damage.

UNDESIRED EFFECTS - REPORTING:
 If you become aware of any kind of undesired effect, reaction or similar events concerning health, you should immediately report the incident to your doctor or health authority. Please refer to the following link: <https://ec.europa.eu/health/european-union/undesired-effects-reporting>

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VINYL POLIETER SILIKONOV (VPE'S™) OTPEČATKOVANÝ MATERIÁL
 3D tiskárni alebo zubnímu profesií použiť odporúčajúce indikácie.

Velocity	Setting	Type of Mixing Tip
MEDIUM BODY	Regular & Dynamic Mixng Tip	Dynamic Mixing Tip (Yellow)
HEAVY BODY	Regular & Dynamic Mixng Tip	Dynamic Mixing Tip (Yellow)

OPORUČENIA NA POUŽITIE A TECHNIKY OTPEČATKOVANIA

Indication	Impression Technique	Tray Type	Recommended Viscosity
Double mix single impression		Medium Body	
Impression for facing, lingual, or bridge	Stock or Light Body	Heavy Body or Medium Body (Extra Light Body)	
	Double mix double impression (Push away method)	Putty or Heavy Body or (Extra) Light Body	
Tray type technique	Tray Type	Heavy Body (Rigid) + (Extra) Light Body	
Impression for partial denture	Custom Tray	Medium Body	
Impressions for	Single mix single impression	Custom Tray	Medium Body or Light Body

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