

STORAGE

Store at room temperature. Recommended for optimal performance, store Flexceed kit in a dark place away from sunlight at temperature (15 - 25°C).

PHYSICAL PROPERTIES (Average)

	LIGHT BODY (Type 3: Light-bodied consistency)	PUTTY (Type 0: Putty consistency)
Mixing time	–	20 sec.
Total Working time	2 min.	1 min.
Minimum time in mouth	3 min.	3 min.
Elastic recovery	≥98%	≥98%
Strain in compression	2.5-3.5%	1-2%
Linear dimensional change	≤-0.20%	≤-0.20%
Detail reproduction	20μm	75μm
Compatibility with gypsum	20μm	75μm

* Test conditions: Temperature (74°F/23°C ± 4°F/2°C) Relative humidity (50 ± 5%)

PACKAGES

FLEXCEED KIT

- **LIGHT BODY** : 2 x 78g (50mL) cartridges
12 x Mixing tips
12 x Intra-oral tips
- **PUTTY TYPE** : 1x Base 540g (300mL)
1 x Catalyst 540g (300mL)
1 x Measuring spoon for BASE
1 x Measuring spoon for CATALYST



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FLEXCEED

VINYL POLYSILOXANE IMPRESSION MATERIAL



Prior to use, carefully read the instructions for use.

EN

For use only by a dental professional in the recommended indications.

RECOMMENDED INDICATIONS AND USES

Indication	Impression Technique	Tray Type	Recommended Consistencies
Impression for facing, inlay, onlay, crown or bridge	Double mix single impression	Stock or Custom Tray	Putty + Light Body
	Double mix double impression (Putty – wash impression)		Putty + Light Body

CONTRAINDICATIONS

Avoid use of this product in patients with allergies to Silicone.

DIRECTIONS FOR USE

CARTRIDGE LOADING AND DISPENSING

1. Lift the release lever of GC CARTRIDGE DISPENSER II and pull the piston plunger all the way back into the dispenser. Lift the cartridge holder of the dispenser and load the cartridge, ensuring that the V-shaped notch on the flange of the cartridge is facing down. Push the cartridge holder down to hold the cartridge firmly in place.
2. Lift the release lever and push the piston plunger forward until it engages into the cartridge.
3. Remove the cartridge cap by rotating 1/4 turn anti-clockwise. Tilt the cap downward and peel it away from the cartridge. Gently squeeze the dispenser handle to extrude a small amount of material from the two openings at the end of the cartridge. Make sure that base and catalyst come out evenly.
4. Align the V-shaped notch on the rim of the MIXING TIP to the V-shaped notch between the cartridge barrels. Push firmly to attach the mixing tip. Then rotate the colored collar of the mixing tip 1/4 turn clockwise to the end of the cartridge. The dispenser is now ready for use.
5. Squeeze the handle several times to extrude the material. After use, do not remove the MIXING TIP as this will become the storage cap until next use. When replacing the MIXING TIP, rotate the collar on the mixing tip 1/4 turn anti-clockwise to align the V-shaped notch on the cartridge. Tilt the mixing tip downward and peel it away from the cartridge.
6. Remove the old mixing tip prior to next use. Before attaching a new tip, gently extrude a small amount of material to ensure that base and catalyst are flowing evenly from both openings. If the materials should fail to extrude, remove any hardened materials from the end of the cartridge.
7. To replace the cartridge, lift the release lever and retract the piston plunger fully. Remove the empty cartridge by lifting the cartridge holder and load a new one into the dispenser.



PRECAUTIONS PRECAUTIONS

1. When extruding or mixing FLEXCEED, 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, polysulfide impression materials, eugenol materials, sulfur, latex, oil, acrylates, glycerol and spray-type or ointment-type topical surface anesthesia (e.g. lidocaine).

IMPRESSION STEP

Double mix double impression (Putty – wash impression)

Note:

Prior to use, leave the material to stand at room temperature. Cooled or refrigerated material may delay setting.

1. Make sure the preparation is dry and free of debris during impression taking.
2. Apply a tray adhesive (GC Universal VPS Adhesive, etc.) onto the tray and leave to dry. Read manufacturer's instructions for use.
3. Take equal amounts of BASE PUTTY and CATALYST PUTTY and knead for 20 seconds until the color of mixture is uniform.
4. Fill the tray with the mixed material and insert it into mouth using a spacer within 1 minute from start of mix.
5. Wait for 3 minutes to set and remove the impression from the mouth. Remove the spacer.
6. Rinse and dry the impression. Make sure the impression is clean and dry prior to taking final impression.
7. Attach an intraoral tip to the mixing tip of the cartridge or backfill it into a syringe.
8. Syringe the LIGHT BODY material onto the prepared tooth and the preliminary impression.
9. Seat the loaded tray in the mouth.
10. Wait for set. Refer to the working times and setting times of the LIGHT BODY material in the respective instructions for use.

Note:

Higher temperatures shorten working time and lower temperatures increase working time.

11. Remove impression and rinse under running tap water.

Double mix single impression

Note:

Prior to use, leave the material to stand at room temperature. Cooled or refrigerated material may delay setting.

1. Make sure the preparation is dry and free of debris during impression taking.
2. Apply a tray adhesive (GC Universal VPS Adhesive, etc.) onto the tray and leave to dry. Read manufacturer's instructions for use.
3. a) Take equal amounts of BASE PUTTY and CATALYST PUTTY and knead for 20 seconds until the color of mixture is uniform.
b) Attach an intraoral tip to the mixing tip of the cartridge of LIGHT BODY or backfill it into a syringe.

Note:

Higher temperatures shorten working time and lower temperatures increase working time.

4. Fill the tray with the mixed PUTTY material, and start to syringe the LIGHT BODY material onto the prepared tooth.

Note:

Filling the tray the mixed PUTTY and syringing LIGHT BODY should be done at the same time Because the LIGHT BODY in the mouth set faster than in the room temperature and it need filling time to fill the PUTTY in the tray.

5. Seat the loaded tray in the mouth,
6. Wait for 3 minutes to set and remove the impression from the mouth.
7. Remove impression and rinse under running tap water.

CLEANING AND DISINFECTING

1. The impression can be disinfected with a glutaraldehyde solution or other appropriate disinfectants. Refer to the respective manufacturer's instructions for use.
2. Multi-use Delivery Systems (ie.: Syringes, tubes, bottles, cartridges): to avoid cross contamination between patients, this device required mid level disinfection.
3. Immediately after use inspect device and label for deterioration, discard device if damaged.

DO NOT IMMERSER - Thoroughly clean device to prevent drying and accumulation of contaminants. Disinfect with a mid level registered healthcare grade infection control product according to region/ national guidelines.

MODEL FABRICATION

1. After the impression is rinsed with water, wait for more than 60 minutes before pouring a model.
2. Pour a model within 14 days after impression taking. FLEXCEED 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.
2. Avoid getting material on clothing as it is hard to remove.
3. Use plastic gloves or other polyethylene gloves when kneading the putty impression material. Do not use latex gloves. Do not interchange measuring spoons and caps of the container.
4. Thoroughly clean hands prior to mixing or wear vinyl over gloves.
5. The impression can be disinfected with a glutaraldehyde solution or other appropriate disinfectants. Refer to the respective manufacturer's instructions for use.
6. PPE (Personal Protective Equipment):
Gloves, face mask & safety eye wear should always be worn.

If IFUs are need in US:

1. Some products referenced in the present IFU may be classified as hazardous according to GHS. Always familiarize yourself with the safety data sheets available at "<http://www.gceurope.com>" or "<http://gcamerica.com>" they can be obtained from your suppliers.

For EEP IFU or WEP IFUs used in the US:

Some products referenced in the present IFU may be classified as hazardous according to GHS. Always familiarize yourself with the safety data sheet available at <http://www.gceurope.com>. They can also be obtained from your suppliers.