

### 1. Product Description & Main Ingredients

D Tech Lute Plus is a radiopaque luting cement.

#### Main Ingredients

Poly Carboxylic acid & Strontium-Alumino-Silicate Glass.

### 2. Indications

2.1 For Cementation of inlays, crown, & bridges.

2.2 Cementation of Orthodontic bands.

2.3 Base or Liner

### 3. Contraindications

3.1 Pulp capping.

### 4. Precautions (Please read carefully before use)

4.1 Personal protective equipment (PPE) such as gloves, face masks and safety eyewear should always be worn.

4.2 In case of contact with oral tissue or skin, remove immediately with a sponge or cotton soaked in alcohol. Flush with water.

4.3 In case of contact with eyes, flush immediately with water and seek medical attention.

4.4 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.

4.5 If swallowed, dilute by giving water to drink and seek medical attention.

4.6 DO NOT mix powder or liquid with any other glass ionomer components.

4.7 Do not use a metal spatula for mixing. Always use a plastic spatula.

### 5. Application Method

5.1 Dispensing Instruction

5.1.1 The standard powder to liquid ratio is 1 level scoop of powder to 2 drops of Liquid

5.1.2 For accurate dispensing of powder, lightly tap the bottle 5 times on the flat surface. Do not shake or invert. Insert the scoop into the bottle thereafter and scoop out one level scoop of the powder. A plastic spatula may be used to level the scoop.

5.1.3 To dispense the liquid, hold the liquid bottle at 45° angle to the mixing pad & check that there are no bubbles near the tip and then squeeze gently to dispense.

5.1.4 Close bottles immediately after use.

5.2 Mixing

Dispense powder and liquid onto the pad. Using the plastic spatula, divide the powder into 2 equal parts. Mix the first portion with all of the liquid for 10 seconds. Incorporate the remaining portion and mix the whole thoroughly for 15-20 seconds (total time within 30-45 seconds).

5.3 Application of Lute Plus

5.3.1 Prepare tooth using standard techniques.

5.3.2 Clean with pumice & water only

5.3.3 Wash and dry but DO NOT DESICCATE. For pulp capping use a calcium hydroxide paste.

5.3.4 Clean & dry the inside surface of the crown.

5.3.5 Mix the required amount of cement. Total Working time from start of mixing is 2.00 minutes at 23°C (73.4°F). Higher temperatures & higher powder to liquid ratio will shorten working time.

5.3.6 Coat internal surface of the restoration with 1mm of cement & start to seat well within the working time. (DO NOT OVERFILL)

5.3.7 Firm Setting time is 3 min 50sec from start of mixing.

### 5.4 Technical Data

Mixing Time @ 23°C from start of mixing	30-45 Seconds
Working Time @ 23°C from start of mixing	2.00 min
Final Setting Time@ 23°C from start of mixing	3 min 50 sec

### 6. Packaging & Variant

- Bottle of 12g Lute Plus powder
- Bottle of 9g Lute Plus liquid.
- Mixing pad
- Spoon

**Shade: A2, A3**

### 7. Storage & Handling:

Store at temperature of 5-30°C (41-86.0°F).

(Shelf life: 2 years from date of manufacture).

REFERENCE NO: IFU/LP/07/0325



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Storage



Keep Dry



Keep away from Sunlight



Authorised Representative



Manufacturer



Batch No



Expiry



Non Sterile



Medical Device



Unique Device Identifier



Instruction for Use

#### Limitation of Liability

Except where prohibited by law, D Tech will not be liable for any loss or damage arising from this product, whether direct, indirect, special, incidental or consequential, regardless of the theory asserted, including warranty, contract, negligence or strict liability

For use only by a dental professional