

# FlowTain™ & FlowTain™ L.V. V12 9/17

## Flowable Light Cure Adhesive (Ref# FT and Ref# FTLV)

**INDICATIONS FOR USE:** FlowTain™ is a flowable, light cure orthodontic adhesive intended to be used for bonding lingual retainers and splinting materials, creation of archwire stops and indirect bonding of orthodontic brackets and appliances. FlowTain™ can also be used for the retention of thermoplastic aligners. FlowTain™ L.V. is a flowable, light cure adhesive intended to be used for indirect bonding of orthodontic brackets.

**PRODUCT FEATURES:** FlowTain™ and FlowTain™ L.V. are light cure composites with a low modulus of elasticity, and are not as stiff or brittle as conventional composites, which makes them ideal for lingual retainers, splinting materials (e.g. fibers) and indirect bonding of brackets. These materials are highly polishable which will reduce wear and increase patient comfort. Even though FlowTain™ and FlowTain™ L.V. are flowable materials, their thixotropic properties prevent them from slumping for better control.

Needle Tip Dispenser: Using the tips provided, these materials are easily injected onto lingual surfaces and across fiber splints.

**INSTRUCTIONS FOR USE:** Etch, rinse, dry and apply a bonding resin such as Assure® Plus / Assure® Universal Bonding Resin

INDIRECT BONDING with FlowTain™ and FlowTain™ L.V.:

1. Prophyl, etch, rinse and dry the enamel.
2. Acid etch the tooth surface for 30 seconds. Rinse and dry thoroughly.
3. In a mixing well, dispense 2 drops of Assure® Plus or Assure® Universal Bonding Resin.
4. Using a bristle brush or sponge pellet, apply a generous coat of Assure® Plus or Assure® Universal Bonding Resin to the tooth surface *and* to each custom pad in the bonding tray. Lightly dry with air. If enamel surface is not shiny after drying, apply a 2<sup>nd</sup> coat of Assure® Plus or Assure® and lightly dry. bracket for 20 seconds. Gently remove bonding tray. Light cure each bracket again for 20 seconds  
**CAUTION: BRUSHES AND SPONGE PELLETS ARE SINGLE USE DEVICES. A NEW APPLICATOR IS NEEDED FOR EVERY PATIENT TO AVOID CONTAMINATION RISK.**
5. Apply a small dollop of FlowTain™ paste to the gingival half of each custom pad. Seat bonding tray in patient's mouth. Light cure each tooth at the closest area to each bracket.

CREATION OF ARCH WIRE STOPS: Microetch or roughen the wire with a bur. Apply FlowTain™ paste in amount required and light cure for 20 seconds.

THERMOPLASTIC ALIGNERS: Prophyl, etch, rinse and dry the enamel. Condition the prepared enamel with Assure® or Assure Plus Universal Bonding Resin. Apply the FlowTain™ paste into the aligner matrix, set and light cure for 20 seconds.

BONDING LINGUAL RETAINERS:

1. Prophyl, etch, rinse and dry the enamel.
2. Lightly sandblast or roughen enamel with a bur. Rinse and dry.
3. Etch, rinse, dry and apply a bonding resin such as Assure® Plus / Assure® Universal Bonding Resin,
4. Apply the FlowTain™ paste to the desired area of the tooth and wire. Light cure for 20 seconds.  
**CAUTION: DISPENSING TIPS ARE SINGLE USE DEVICES. A NEW TIP MUST BE USED FOR EACH PATIENT TO AVOID CONTAMINATION RISK.**

BONDING OF SPLINTING MATERIALS:

1. Prophyl, etch, rinse and dry the enamel.

2. Lightly sandblast or roughen enamel with a bur. Rinse and dry.
3. Etch, rinse, dry and apply a bonding resin such as Assure® Plus / Assure® Universal Bonding Resin,
4. Dispense and apply FlowTain™ paste across the interproximal of both teeth to connect and light cure for 20 seconds.

**CAUTION: DISPENSING TIPS ARE SINGLE USE DEVICES. A NEW TIP MUST BE USED FOR EACH PATIENT TO AVOID CONTAMINATION RISK.**

**IMPORTANT:** The intensity of curing lights may vary. Some higher intensity lights will require a shorter activation of the paste. Loss of intensity cannot be detected by the naked eye. Dispensed paste should not be exposed to direct light for any extended period of time as a partial activation may occur. Paste can be applied to brackets in advance but must be shielded from any ambient light (i.e., cover with a box top).

**CAUTION: DO NOT REUSE IF SYRINGE BECOMES CONTAMINATED. AVOID CONTACT OF THE REUSABLE PARTS WITH THE PATIENTS MOUTH. USE NEW, UNCONTAMINATED GLOVES. APPLY DISPOSABLE BARRIER SLEEVES/WRAPPS BEFORE EACH PATIENT.**

**2 TIPS ARE SINGLE USE DEVICES. A NEW TIP IS REQUIRED FOR EACH PATIENT.**



**PRECAUTIONS:** Unpolymerized resins may cause skin sensation in susceptible persons. Avoid contact with the skin. In case of contact with the skin, wash thoroughly with soap and water. Contact with other tissues: rinse spill area immediately with copious amounts of water for several minutes.

Use of UV, halogen and L.E.D. curing lights can be associated with eye damage. The patient, doctor and the assistant should wear properly designed protective eyewear when using these light curing devices.



**TEMPERATURE LIMITATION:** Store at room temperature (15-30 Degrees C). Allow to reach room temperature prior to use.

**WARRANTY:** Reliance Orthodontic Products, Inc. recognizes its responsibility to replace products if proven to be defective. Reliance Orthodontic Products, Inc. does not accept liability for any damages or loss, direct or consequential, stemming from the use of or inability to use the products as described. Before using, it is the responsibility of the user to determine the suitability of the product for its intended use. The user assumes all risk and liability in connections therewith.

**Rx Only:** U.S. Federal law restricts this device to sale by or on the order of a dental professional.



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