

 **ALPHA-DAM™**  
GINGIVAL DAM MATERIAL

LIGHT CURE



**Description:**

**Alpha-Dam™** Light Cure Gingival Dam is an isolation resin that is formulated to contrast the areas to be protected.

**Indications for use:**

- Create reservoirs in bleaching trays.
- Block out gingiva embrasures during final crown and bridge impressions to prevent material locking to the tooth structure.
- Provide protection to the gingiva adjacent to the teeth during bleaching.
- Provide protection to the gingiva and uninvolved areas of the teeth and/or restorations during air abrasion.

**Contraindications:**

**Alpha-Dam™** Light Cure Gingival Dam is contraindicated in patients with history of severe allergic reaction to methacrylate resins.

**Warnings:** 

- Applicator tips are disposable and are intended for single patient use.
- Extended exposure in any one area at a time will produce excessive heat.
- Patients sensitive to heat may experience temporary discomfort for irritation.

**General Precautions:**


- U.S. Federal law restricts this device to sale by or on the order of a dentist.
- Review instructions and SDS ([www.dentaltech.com/resource](http://www.dentaltech.com/resource)) prior to beginning treatment. Use only as directed.

**Adverse Reaction:**

Pre-existing skin and eye conditions may be aggravated by exposure to this product.

**Instructions for Use:**

1. Dry the area to be protected prior to application of **Alpha-Dam™** Light Cure Gingival Dam.
2. Remove the cap and connect the applicator tip. Apply a layer 1-2 mm thick of **Alpha-Dam™** Light Cure Gingival Dam to the area to be protected. If applying to the gingiva, ensure proper coverage at the margin by extending 0.5 mm onto the dry enamel to seal and at least 4 to 6 mm from the gingival margin.
3. Once the material has been placed, light cure by moving the light guide tip in a circular motion across the arch. Do not remain in an individual area for more than 2 seconds. An entire arch of eight teeth cures in 20 seconds when using a visible light-curing unit with a minimum output of 600mW/cm<sup>2</sup>. Less time may be required if using a higher output light curing source. (Caution: Extended exposure in any one area at a time will produce excessive heat.)
4. Test the area hardness. If a second pass across an arch is necessary, wait 10 seconds before starting. When polymerized, **Alpha-Dam™** Light Cure Gingival Dam will exhibit a wet, shiny layer. If any soft tissue is visible through the cured material, reapply until gingiva is no longer visible.
5. To remove, lift from the edge of the application and the material should release in one complete unit.

**Storage:** 

1. Refrigeration is recommended. Store material between 2°C/36°F to 27°C/80°F. Always bringing to room temperature before using (22°C/72°F).
2. Do not expose **Alpha-Dam™** Light Cure Gingival Dam to elevated temperatures or intense light.

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