



Instructions



Ribbond® Bondable Reinforcement

Ribbond-THM, Ribbond Ultra-THM
Ribbond Original, Ribbond-Triaxial

Description:

Ribbond bondable reinforcement fiber is made of ultra-high molecular-weight polyethylene and is cold-gas plasma treated to enhance adhesion with resins.

Purpose:

Ribbond reinforces dental resins.

Statement of intended use:

Popular uses of Ribbond include reinforcing composite splints and bridges. In EU, Ribbond is approved to be placed on or within enamel.

Handling requirements:

Before resin is applied, do not touch Ribbond with hands or latex gloves. Handle Ribbond with tweezers, pliers or cotton gloves.

After resin is applied, handle Ribbond like the resin (instruments or powder free gloves).

Storage requirements:

Seal Ribbond package with a paper clip after opening to maintain bondability.

Bonding Ribbond to composite:

Wet Ribbond with a unfilled bonding resin that does not contain dentin primers or acid etchants.

Bonding Ribbond to acrylic:

Wet Ribbond with a loose mix of liquid and powder. Imbed Ribbond within uncured acrylic.

Polishing Ribbond:

Fiber reinforcements do not polish. Cover Ribbond with filled composite or acrylic.

Disposal:

No special considerations

Contents:

Ribbond Starter Kits contain:

Ribbond® bondable reinforcement ribbon and scissors.
Ribbond Scissors are only intended for cutting Ribbond fiber.
The scissors are not intended for other purposes.

Ribbond Refill Kits contain:

Ribbond® bondable reinforcement ribbon

For Professional Use Only

Report any serious incidents to Ribbond, Inc. and to your competent authority.

www.ribbon.com

Ribbond® Bondable Reinforcement Ribbon

Made in the USA

US Patent - 9138298 Europe - 2731537

Germany - 6020120439866 - Japan - 特許第5922770号



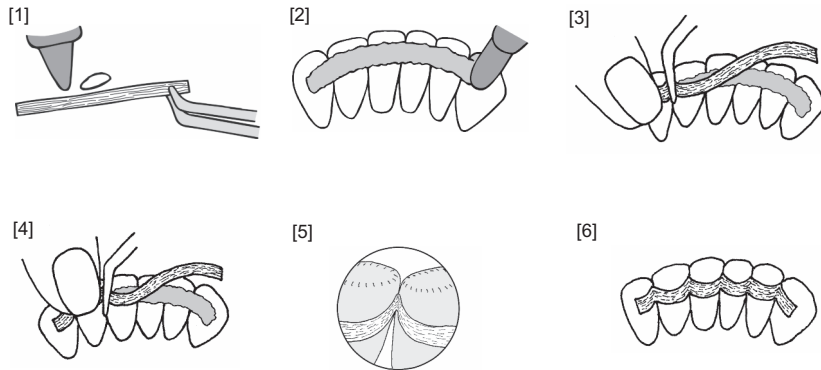
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Splints:

1. **Measure the amount of Ribbond needed.** Use floss or foil to make a pattern.
2. **Cut Ribbond.** Handle with metal pliers.
3. **Prepare teeth for bonding,** apply bonding resin and cure.
4. **Wet Ribbond with resin.** Use unfilled bonding adhesive without dentin primers or acid etchants. [1]
5. **Apply composite to teeth.** Apply a thin layer of medium viscosity filled composite at the level of the contacts. [2]
6. **Press wetted Ribbond into the composite.** [3-5]
7. **Remove extra composite and cure.** [6]
8. **Cover Ribbond with flowable composite and cure.** Fiber reinforcements do not polish. Smooth composite before curing.



Bridges:

1. **Measure the amount of Ribbond needed.** Use floss or foil to make a pattern.
2. **Cut Ribbond.** Handle with metal pliers.
3. **Prepare teeth for bonding,** apply bonding resin and cure.
4. **Wet Ribbond with resin.** Use an unfilled bonding adhesive without dentin primers or acid etchants. [1]
5. **Apply composite to teeth.** Apply a thin layer of medium viscosity filled composite at the level of the contacts. [2]
6. **Press wetted Ribbond into the uncured composite.** [3-6]
7. **Remove extra composite and cure.**
8. **Add second layer of Ribbond in pontic area.**
 - a. **Apply a thin layer of medium viscosity filled composite** on the lingual/palatal side of the cured Ribbond and onto the interproximal angles of the abutments. [7]
 - b. **Wet the Ribbond with resin** and place in the uncured composite. [8-9]
 - c. **Remove extra composite and light cure.**
9. **Build the pontic.** Build with composite or use the patient's natural tooth.
10. **Cover Ribbond with flowable composite and cure.** Fiber reinforcements do not polish. Smooth composite before curing.

