**BIOSPLINT** is a multiple-use dental reinforcement ribbon.
- It is used for:
  - Stabilization and immobilization of loose teeth.
  - Immediate placement of avulsed teeth
  - Reinforcement of construction of both provisional and permanent bridges.
  - Maintenance of interdental spaces.

**BIOSPLINT Ribbon** is a very supple and perfectly follows the contours of the teeth and dental arch. It is fixed using a photopolymerizable composite after etching the teeth.

**BIOSPLINT Ribbon** is made of polyethylene terephthalate woven fibers that have undergone various treatments to clean the ribbon perfectly and improve the adhesion of the composite.

One of these treatments involves the use of super critical CO₂, which guarantees complete elimination of any impurities that may result from the manufacturing process.

### Composition

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOSPLINT KIT</td>
<td>Contains eight BIOSPLINT splinting ribbons, one BIOSPLINT thermal cutter, three BIOSPLINT brushes and probes</td>
<td>201 660</td>
</tr>
<tr>
<td>BIOSPLINT Splinting Ribbons</td>
<td>Contains eight BIOSPLINT splinting ribbons individually wrapped in aluminum bags, eight stickers for &quot;Patient Traceability&quot;</td>
<td>201 661</td>
</tr>
<tr>
<td>BIOSPLINT Accessory</td>
<td>Contains three autoclavable probes and eight single-use brushes</td>
<td>301 663</td>
</tr>
<tr>
<td>BIOSPLINT THERMAL CUTTER</td>
<td>Contains one BIOSPLINT Thermal Cutter</td>
<td>201 610</td>
</tr>
</tbody>
</table>
**Orthodontic treatment**

**BIOSPLINT** is suitable for numerous splinting applications (whether provisional or more long-lasting) and even for some cases requiring permanent splinting (mainly in periodontology and post-orthodontic treatment).

**Prevention of disruption (due to lack of opposing teeth)**

- Quick.
- Simple.
- Non-invasive if splinting is provisional, invasive if permanent.
- Esthetic.

**Space maintainer**

- Simple - In a single session at the chair side without impression taking or laboratory work.
- Crowding reduced - No wires or bands needed.
- Fixed.
- Can be modified and repaired at any time.
- Esthetics preserved - Virtually invisible.

**Reinforcement or repair of provisional bridges**

- Can reinforce provisional acrylic bridges without metal inclusion.
- Excellent esthetics, integrates perfectly.
- Quick and simple - Can be done chair side - **BIOSPLINT** splinting ribbons perfectly follow the bridge morphology without needing to be shaped like a wire or metal grid.

**Replacement of avulsed teeth**

- Suitable for all situations requiring temporary treatment.
- Can be done in a single session at the chair side, does not require prosthetic laboratory involvement.
- Reversible: ideally suited to provisional replacement of teeth during osseointegration of implants.
- Can be combined with splinting of other supporting teeth.
- Painless.

**Clinical Procedure**

1. After scaling and polishing, determine the exact length of the **BIOSPLINT Splint Ribbons** required.
2. Cut **BIOSPLINT Splinting Ribbons** to the right length using the **BIOSPLINT Thermal Cutter** (outside the mouth).
3. Apply an etching gel (orthophosphoric acid for thirty seconds to the surfaces of the teeth receiving the retention).
4. Rinse thoroughly and dry gently.
5. Apply a bonding agent (using a **BIOSPLINT Accessory Brush**) to all etched surfaces for fifteen seconds. Spread with compressed air for three seconds.