ZIRCONIA AR GLASS FIBER REINFORCED COMPOSITE POSTS

- **Composition**
  - Snowpost®
    - Zirconia AR glass fiber
    - Epoxy resin
  - Snowlight®
    - Zirconia AR glass fiber
    - Translucent epoxy resin

- **Mechanical properties**
  - Axial E-modulus: Snowpost® 45 GPa, Snowlight® 52 GPa
  - Shear strength: Snowpost® 38 MPa, Snowlight® 64 MPa

- **Anatomical form**
  - Cylindrical shape with a long apical cone
  - Length: 19 mm
  - Diameter: 0.8, 1.0, 1.2, 1.4, 1.6 mm
  - Cone angle: 3°
  - Cone length: 4 mm for 0.8 mm diameter
  - 4 mm for 1.0 mm diameter
  - 4 mm for 1.2 mm diameter
  - 5 mm for 1.4 mm diameter
  - 6 mm for 1.6 mm diameter

- **Snowpost® & Snowlight® posts**
  - Can be cleaned with all products used daily in dental office and are autoclavable up to 275°F / 135°C.
  - Certified non-cytotoxic and biocompatible according to ISO 10993-5 / EN 30993-5.

For more information:
www.snowpost.com

INTRO KITS
20 assorted posts (ø10, ø12, ø14, ø16) & 4 matching finishing drills.

BASIC KITS
50 assorted posts (ø10, ø12, ø14, ø16) & 4 matching finishing drills.

REFILLS
10 posts, same diameter.

REFILLS
10 posts, same diameter & one drill.

Snowpost® & Snowlight® are registered trademarks.

The zirconia AR glass reinforced composite posts
white and radiopaque
for metal free core restorations

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Zirconia MAKES SNOWPOST® & SNOWLIGHT® POSTS UNIQUE

Compared with other basic glass fibers, the zirconia AR glass fibers give Snowpost® & Snowlight® posts:

- A suitable radiopacity
- A high degree of chemical resistance to both acids and alkalis
- A higher elasticity modulus and tensile strength
- A high resistance to corrosion, hydrolysis in wet environment
- A higher resistance to biological attacks

Zirconia AR glass fibers in an epoxy resin matrix

White & Radiopaque

Gentle for teeth, a perfect and homogeneous all composite restorative system.

Healthy tooth Snowpost® post Steel post

Strength and flexibility
A physiological behavior:
During function, the tooth and the post behave like an elastic cantilevered beam: they bend.

With their low axial E-modulus, twice the one of the dentin, Snowpost® & Snowlight® posts follow the movement of the tooth, preventing tensions and allowing a progressive and physiological dilution of the stress, such as on the healthy tooth.

One session, at chairside in less than 15 minutes.

Snowpost® & Snowlight® posts are factory silanated

They show a real chemical adhesion to the core composites and bonding resin cements.