**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, 5 mm for 1.2 mm diameter, 6 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.**

- **Snowpost® & Snowlight® posts have been certified non-cytotoxic and biocompatible according to the 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.

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www.abrasive-tech.com
Zirconia AR glass fibers in an epoxy resin matrix

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

Snowpost® & Snowlight® posts are factory silanated

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

One session, at chairside in less than 15 minutes.

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.

White & Radiopaque

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

Replacing metals where it matters, your partners in the up to date adhesive, non invasive dentistry

SEM pictures by Pr. Dr. WJ FINGER

Finite Elements study made by the CETIM of Nantes

Clinical case by Ph. COLIN, DDS