

Always For Your Smile



SINCE 1988



ATbio

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China's first dental restorative materials manufacturer

BRAND STORY

ATBIO is a technology-driven company integrating dental materials research, development, production, sales, and service, dedicated to providing cutting-edge technologies and optimal solutions in the dental materials field, continuously creating value for customers.

ATBIO is a National High-Tech Enterprise designated by the National Development and Reform Commission (NDRC) and serves as the National Engineering Laboratory for Digital Dental Medical Technology and Materials. The company has established a Product R&D Center in the United States and initiated the approval process for building a production facility. The Chief Scientist of the R&D Center is an accomplished chemist with nearly two decades of dedicated research experience in dental material synthesis and permanent restorative materials, having served as a Senior Research Scientist at a globally leading dental products company in the U.S. for more than 12 years.

ATBIO has established a comprehensive and reliable quality management system covering R&D, production, quality inspection, and product release in accordance with international quality standards ISO 13485 and FDA quality system requirements. Raw materials are sourced from the United States, Japan, and Europe, ensuring product quality. With superior and reliable product quality, ATBIO has earned the trust of dentists both domestically and internationally, with its sales network covering more than 100 countries worldwide to date.

Our Commitment: We provide trustworthy products and services, consistently upholding a customer-first business philosophy. We respect our employees and partners, maintaining active communication and good cooperative relationships to achieve creative and mutual development.

ATBIO's development history dates back to 1988, when we successfully developed dental amalgam capsules, filling a gap in China's dental technology sector. Our growth originated from a collaboration with the prestigious Peking University School of Stomatology and Sichuan University West China School of Stomatology, supported by China's National 863 High-Tech Research and Development Program. By combining patented polymer-based restoration technology with our independently developed nano-fiber reinforced resin composite method (Patent No.: CN-101397372-B), we successfully developed NANOFIL® light-cured composite resin, the first in China to obtain a Class III medical device registration certificate for light-cured nano-hybrid composite resin. Its quality reaches internationally advanced standards, and this achievement earned us the "Beijing Independent Innovation Product Certificate".

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Making Products Trustworthy for Dentists Around The World



口腔数字化医疗技术和材料

国家工程实验室

National engineering laboratory for digital and material technology of stomatology

国家发展和改革委员会

专精特新
北京市“专精特新”中小企业
北京安泰生物医用材料有限公司

[illegible]

CORPORATE CULTURE

Our Mission:

A manufacturer specializing in the R&D and innovation of multifunctional integrated dental materials. Make a positive and lasting contribution to the world's natural environment and human oral health.

Our Core Values: Our corporate culture is built upon a foundation of:

- **Freedom:** Empowering our team with the autonomy to innovate.
- **Love:** Fostering a compassionate and positive work environment.
- **Creativity:** Driving forward-thinking solutions through imaginative design.

Our Business Philosophy: We operate on the principle of achieving fair and transparent business practices. We respect the individual contributions of every team member and collaborate closely to create lasting value for all stakeholders.

Our Operating Principles:

- **Safety First:** We believe that the safety of our products and our people is the cornerstone of all our operations.
- **Customer-Centric:** We place the needs of our customers at the forefront of our business, ensuring their satisfaction drives our every decision.
- **Empirical Thinking:** We believe in a practical, on-the-ground approach to problem-solving, with a focus on real-world application and solutions.

Our Corporate Commitment: We are committed to delivering highly reliable products and services by consistently adhering to a customer-first business philosophy. We respect our employees and partners, maintaining open and constructive communication to build strong, cooperative relationships that foster mutual development and innovation.



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ONELUX®

One-Shade Universal Composite

NANOFIL®

NANOFIL® “One Shade, Infinite Possibilities. Effortless Restorations for Every Smile.”

ONELUX® One-Shade Universal Composite uses advanced self-adaptive surrounding color matching technology to automatically adjust according to the surrounding natural tooth color, providing a perfect color match.

Say goodbye to the tedious color-matching process and save both time and cost.

ADVANTAGES

- Whether for anterior or posterior restorations, ONELUX® One-Shade Universal Composite works perfectly.
- By using ONELUX® One-Shade Universal Composite, clinicians can reduce resin inventory and no longer need to store different resins for each tooth shade.
- ONELUX® One-Shade Universal Composite maintains high gloss after curing, with long-lasting color stability and resistance to staining, keeping the restoration bright and beautiful.
- With excellent compressive and flexural strength, the restoration can withstand everyday chewing pressure, ensuring long-lasting durability.
- No more time spent mixing different shades; It is efficient, quick, and makes for a more comfortable experience for the patient.

SPECIFICATIONS

4.0g/syringe

ONELUX® One-Shade Universal Composite offers unmatched versatility, covering a wide range of tooth shades from A1, A2, A3, B1, B2, B3, C1, C2, C3, D2, and D3, ensuring that you can achieve the ideal match for nearly every patient, no matter their natural tooth color.



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Z250 UNIVERSAL RESTORATIVE

NANOFIL®

NANOFIL® Z250 Universal Restorative is a nanohybrid composite resin for general use in anterior and posterior tooth restorations. This dental restorative material is available in 19 shades. It takes into account the two needs of natural beauty and dental restoration, providing a reliable solution for various clinical restoration needs.

ADVANTAGES

- Outstanding mechanical properties, including compressive strength, flexural strength, radial tensile strength, fracture toughness, etc.
- All aspects of performance are close to natural teeth.
- Layered filling and shaping to perfectly simulate natural tooth color and transparency.
- Good non-stick properties and beautiful surface gloss.
- Applicable to all bonding systems on the market.
- Low shrinkage stress.
- Excellent color stability.

SPECIFICATIONS

Shades : A1、A2、A3、A3.5、A4、B1、B2、B3、B4、C1、C2、C3、C4、D2、D3、D4、M1、M2、M3

Net Weight : 4.5g/syringe 、 4g/syringe 、 2g/syringe 、



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P60 POSTERIOR RESTORATIVE

NANOFIL®

NANOFIL® P60 Posterior Restorative is a nanohybrid resin specifically designed for posterior restorations.

Its high hardness, exceptional wear resistance, and ability to withstand masticatory forces enable it to excel in reconstructing dental cusps, while also exhibiting relatively favorable color translucency.

ADVANTAGES

- Outstanding mechanical properties, including compressive strength, flexural strength, radial tensile strength, fracture toughness, etc.
- All aspects of performance are close to natural teeth.
- Layered filling and shaping to perfectly simulate natural tooth color and transparency.
- Good non-stick properties and beautiful surface gloss.
- Applicable to all bonding systems on the market.
- Low shrinkage stress.
- Excellent color stability.

SPECIFICATIONS

Shades : A3、B2、C2

Net Weight : 4.5g/syringe 、 4g/syringe 、 2g/syringe 、



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UNIVERSAL AESTHETIC RESIN

NANOFIL[®]

Achieve aesthetic excellence with Nanoveneer Universal Aesthetic Resin – seamlessly blending opalescent depth with VITA shade matching for undetectable anterior restorations.

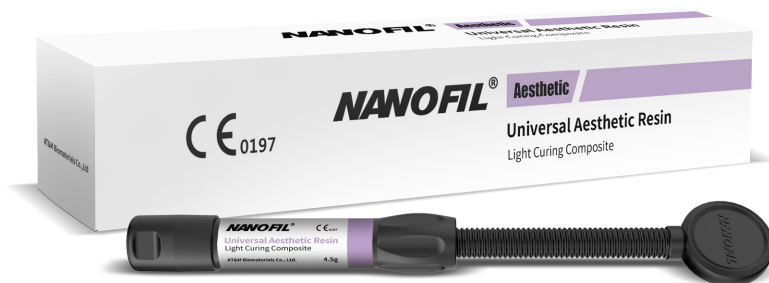
ADVANTAGES

- Outstanding mechanical properties, including compressive strength, flexural strength, radial tensile strength, fracture toughness, etc.
- All aspects of performance are close to natural teeth.
- Layered filling and shaping to perfectly simulate natural tooth color and transparency.
- Good non-stick properties and beautiful surface gloss.
- Applicable to all bonding systems on the market.
- Low shrinkage stress.
- Excellent color stability.

SPECIFICATIONS

Shades: M1、M2、M3

Specifications: 4.5g/syringe 、 4g/syringe 、 2g/syringe 、



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Z250 UNIVERSAL RESTORATIVE SAFETIPS

NANOFIL®

NANOFIL® Z250 Universal Restorative (Safetips) is a nanohybrid composite resin for general use in anterior and posterior tooth restorations. This dental restorative material is available in 19 shades. It takes into account the two needs of natural beauty and dental restoration, providing a reliable solution for various clinical restoration needs.

ADVANTAGES

- Outstanding mechanical properties, including compressive strength, flexural strength, radial tensile strength, fracture toughness, etc.
- All aspects of performance are close to natural teeth.
- Layered filling and shaping to perfectly simulate natural tooth color and transparency.
- Good non-stick properties and beautiful surface gloss.
- Applicable to all bonding systems on the market.
- Low shrinkage stress.
- Excellent color stability.

SPECIFICATIONS

Shades : A1、 A2、 A3、 A3.5、 A4、 B1、 B2、 B3、 B4、

C1、 C2、 C3、 C4、 D2、 D3、 D4、 M1、 M2、 M3

Content : 0.3g/capsule x 15 capsules\ 0.3g/capsule x 5 capsules



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COMPOSITE INTRO KIT

NANO FIL[®]

NANO FIL[®] Dental filling resin is formulated with a combination of inorganic and organic fillers. The material is designed to offer a number of benefits, including excellent handling properties and good esthetics.

SCOPE:

Suitable for all kinds of dental caries filling and restoration
Etching-bonding-filling in one box

ADVANTAGES

- It contains 5 regular color resins, providing multiple choices.
- It can be used for conventional filling and restoration.
- Easy to operate, non-stick to instruments, easy to shape, reliable strength.
- The combination of shades can be customized according to different needs.

SPECIFICATIONS

5 syringes of dental filling resin 4.5g/syringe
1 syringe (2.5ml) of dental etchant gel
1 bottle (5ml) of dental bonding agent
50 micro-applicators
10 needle tips



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DENTAL FILLING RESIN (FLOWABLE)

NANOFIL®

NANOFIL® Dental Filling Resin (Flowable) is a low viscosity, light activated, flowable composite. It is packaged in syringes and available in a variety of tooth color.

SCOPE:

Class III and V restorations \ Minimally Invasive Restoration of Non-Stress-Bearing Cavities \ Base/liner under direct restorations
Repair of small defects in esthetic indirect restorations \ Pit and fissure sealant \ Undercut blockout
Repair of resin and acrylic temporary materials \ Cementing orthodontic brackets

ADVANTAGES

- Versatile applications with superior performance for broad clinical use.
- Multiple shades available to seamlessly blend with natural tooth color.
- Ultra-low polymerization shrinkage (<2.4%) ensures lasting marginal integrity.
- Exceptional flowability enables deep penetration, smooth extension, and seamless adaptation to submicron gaps.
- High wear resistance preserves restorations while mirroring natural enamel resilience.
- Optimal X-ray radiopacity supports precise clinical evaluation and long-term monitoring.

SPECIFICATIONS

Net Weight : 3g/syringe

Shades : A1、A2、A3、A3.5、B1、B2



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DC CORE COMPOSITE RESIN

NANOFIL[®]

NANOFIL[®] Dual-Cure Core Composite Resin is indicated for definitive core foundation reconstruction and intraradicular post cementation. This material demonstrates an optimal balance between mechanical strength and elastic modulus, enabling the creation of a cohesive monoblock structure with preparation characteristics analogous to natural dentin. The system provides user-friendly handling with predictable clinical outcomes, while ensuring restorations exhibit long-term stability and durability.

SCOPE:

- Permanent cementation of all endodontic post systems (metallic, fiber-reinforced, and ceramic)
- Core foundation fabrication for compromised crown morphology
- Definitive cementation of fixed prosthodontic restorations including full coverage crowns, fixed partial dentures, and indirect restorations (ceramic, metallic, and composite inlays/onlays)

ADVANTAGES

- Two curing modes: chemical curing and light curing.
- Good flowability, easy to push, mix, operate, seat, and penetrate.
- Compatible with metal and quartz posts.
- High filling ratio, good mechanical properties.
- High strength adhesion, easy to build up core

CLINICAL OPERATING TIME GUIDE

	Room Temperature 23°C / 73 °F	Intraoral 37°C / 99 °F
Working Time	100s	40s
Setting Time(not including working time)	200s	150s

SPECIFICATIONS

Shade: Pale yellow、Translucent、White

Net Weight: 8g/syringe



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AMALGAM CAPSULE



GK® AMALGAM CAPSULE is single-use dental amalgam capsule containing HC1 Silver Alloy Powder and elemental mercury proportionally preloaded in separate compartments.

The HC1 Silver Alloy Powder composition consists of: Ag (43 wt%), Sn (32 wt%), and Cu (25 wt%).

The capsule system is designed with the alloy powder encapsulated within the lower compartment and the corresponding mercury dose contained in the upper chamber, maintaining proper stoichiometric ratios for clinical amalgamation. This dual-chamber configuration ensures precise proportioning and activation-ready functionality for trituration in amalgamators.

SCOPE: Anterior and posterior restoration

ADVANTAGES

- **1hr** Compressive Strength $\geq 100\text{MPa}$
- **24hrs** Compressive Strength $\geq 350\text{MPa}$
- **24hrs** Volume Change (%) $-0.10 \sim +0.15$
- **7days** Static Creep (%) ≤ 2.0

SPECIFICATIONS



1/2 spill:200mg



1 spill:400mg



2 spill:600mg



3 spill:800mg



5 spill:1200mg



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ETCHANT GEL

NANOFIL®

In intraoral prosthesis or orthodontic treatment, NANOFIL® etchant gel is used to treat the surfaces of teeth, metal, ceramic, and other prostheses to remove the contaminated layer, to rough surface and improve their surface properties.

SCOPE: enamel/dentine etching in the context of the total etch technique

ADVANTAGES

- Gel-like consistency
- Short time for etching
- Dark blue color, easy to identify
- Easy to rinse

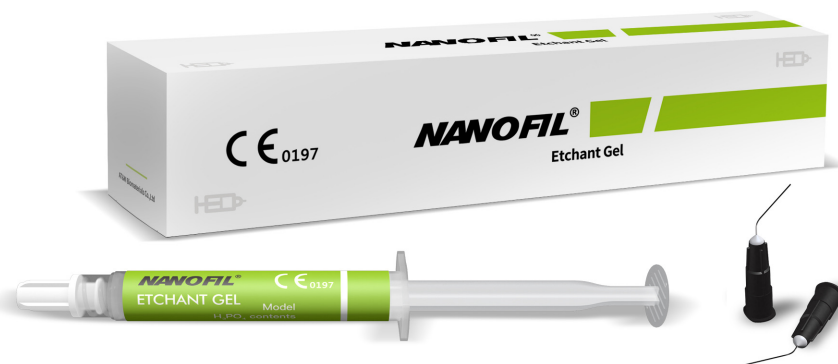
SPECIFICATIONS

Color: Dark blue

Specifications: 2.5ml/syringe; 2.5ml/syringe * 2;

Model: AT-37

Phosphoric acid concentration: 37%



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DENTAL BONDING AGENT

NANOFIL[®]

NANOFIL[®] dental bonding agent delivers exceptional adhesion to both enamel and dentin, ensuring long-lasting stability for restorations. With the adhesive strength of greater than 28MPa, it outperforms other systems, providing reliable retention for composite resins, ceramics, and indirect restorations like inlays, onlays, and veneers.

SCOPE:

- All classes of fillings with light-curing composite
- Core build-ups made of light-curing composite
- Intraoral repair of existing composite
- Cementation of veneers and adhesive cementation of light-curing and dual cure composites

ADVANTAGES

- Single component
- Good elasticity, constant margin bonding.
- Excellent adhesion strength (>28MPa)
- Instant adhesion, easy operation
- Suitable for many kinds of light-curing restoration material

SPECIFICATIONS

Package Contents: 5ml /bottle **Color:** Pale yellow



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PERFECT—LINK UNIVERSAL ADHESIVE

NANOFIL®

MULTI-PURPOSE UNIVERSAL ADHESIVE

This adhesive is indicated for a comprehensive range of direct and indirect restorative indications and exhibits compatibility with all etching techniques.

Mesoporous BioGlass (MBG) represents a technological advancement in dental universal adhesives. By incorporating this porous, bioactive material, these adhesives offer not only strong adhesion but also the potential to actively contribute to tooth remineralization and reduce post-operative sensitivity, ultimately improving the long-term success of dental restorations.

ADVANTAGES

- Maintains stable adhesion regardless of wet or dry conditions, ensuring consistent bonding integrity.
- Incorporates MDP to significantly enhance bonding strength through robust chemical interactions.
- Delivers strong adhesion to all indirect surfaces without additional primers, streamlining clinical workflows.
- This adhesive incorporates mesoporous bioactive glass (MBG) fillers, clinically proven to promote dentin remineralization and significantly reduce postoperative sensitivity.

SPECIFICATIONS

Specifications: 5ml/bottle ;



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NANOCEM ULTIMATE

Dual Cure Self-adhesive Resin Cement

NANOFIL®

NanoCem Ultimate is a user-friendly, dual-cure resin cement that offers exceptional bond strength and high adhesion. It is composed of a base and catalyst paste, dispensed via an automix syringe system for ease of use.

Indications for use:

- Cementation of metal and resin crowns
- Cementation of dental bridges
- Bonding of inlays and onlays
- Cementation of all-ceramic restorations

ADVANTAGES

Reduced microleakage: The robust bond mitigates marginal gaps and microleakage, which reduces the risk of secondary caries, pulpal issues, and restoration failure over time.

Substrate versatility: Advanced adhesive systems provide reliable bond strength to diverse restorative materials, including high-strength ceramics like zirconia, lithium disilicate, metal alloys, and composites.

High strength and durability: NanoCem Ultimate possess superior flexural strength, fracture toughness, and compressive strength, making them ideal for high-stress areas and ensuring the longevity of restorations.

Low solubility: Their hydrophobic nature and low solubility in the oral environment ensure the cement layer remains stable and intact, maintaining the marginal integrity of the restoration.

Low film thickness: The material's flowable viscosity allows for a low film thickness, which facilitates precise seating of indirect restorations without occlusal interference.

Self-adhesive options: Self-adhesive resin cements simplify the cementation process by eliminating the need for separate etching, priming, and bonding steps. This significantly reduces technique sensitivity and chairside time.

SPECIFICATIONS

Specifications: 6g/syringe;

Auto Mixing Tips, Eco-Tips, Mixing Pads



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GLASS IONOMER DENTAL CEMENT

(GK I Luting)



GK® glass ionomer luting cement combines the benefits of conventional glass ionomer chemistry with enhanced adhesive properties. This material demonstrates excellent biocompatibility, fluoride release, and thermal expansion coefficients similar to natural tooth structure, minimizing microleakage and secondary caries risk.

SCOPE:

- Cementation of stainless steel or metal-porcelain crowns, bridges, inlays, posts and screws.
- Cementation of all ceramic (zirconia-based) crowns and bridges.
- Cementation of orthodontic parts to metal crowns, and orthodontic bands.
- Base and bottom.

ADVANTAGES

- Fine and smooth powder is easy to mix, and the mixed material has excellent fluidity
- Thin film thickness (<18um) is convenient for restoration in place.
- Good adhesion to tooth tissue and restoration with good edge sealing effect.
- Good biocompatibility and coefficient of thermal expansion similar to tooth tissue reduce postoperative sensitivity.
- Easy to operate, ample working time, fast intraoral curing speed and low solubility.
- Long-term fluorine release and anti-caries effect.

SPECIFICATIONS

One bottle each of powder and liquid;

Powder: 16g, Liquid: 8g; One mixing pad; One spatula;



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GLASS IONOMER DENTAL CEMENT

(GK II Restorative)



GK Glass Ionomer Dental Cement (Type II Restorative) is a versatile dental material known for its chemical adhesion to tooth structure and ability to release fluoride. Made from a blend of fluoro-aluminosilicate glass powder and polyalkenoic acid, this cement offers a powerful combination of adhesion, prevention, and ease of use.

ADVANTAGES

- **Minimal preparation required:** The material's ability to chemically bond directly to dentin and enamel means you can often use less-invasive cavity preparations, preserving more of the natural tooth structure.
- **Reduced need for a bonding agent:** The self-adhesive nature of glass ionomers streamlines your procedure by eliminating a separate etching and bonding step.
- **Prevents secondary decay:** The cement acts as a long-term fluoride reservoir, slowly releasing ions to help remineralize the surrounding tooth enamel. This process is crucial for preventing secondary caries (decay) at the restoration margins by remineralizing softened enamel and inhibiting bacterial growth. Furthermore, the material can be recharged with fluoride from sources like toothpaste.
- **Minimizes stress and leakage:** The cement's thermal expansion is similar to that of natural tooth structure, which helps to reduce marginal leakage and post-operative sensitivity.
- **Broad range of uses:** Use it for restoring small to medium-sized cavities, as a liner or base under other materials, or in the minimally invasive Atraumatic Restorative Treatment (ART) technique.

SPECIFICATIONS

Color: Shade 1、Shade 2、Shade 3

Specifications: Powder(20g) x3、Liquid (16ml)x3



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DENTAL PIT&FISSURE SEALANT

NANO FIL®

NANO FIL® Dental pit and fissure sealants can protect tooth enamel from being eroded by bacteria and their metabolites, and enhance the tooth's ability to resist caries, thereby achieving the purpose of preventing caries.

Dental pit&fissure sealant fissure sealants are engineered with a dual-phase chromatic transition to optimize clinical precision and esthetic integration. In the pre-cured state, the material presents a light yellow hue, intentionally contrasting against the natural tooth structure. The post-cure optical properties (translucency, value, and hue) closely mimic those of natural enamel, achieving seamless biomimetic integration.

ADVANTAGES

- Easy to operate, single component, 20 seconds light curing, one person can complete the operation.
- Good fluidity, instant penetration, directly reach the deep pits and fissures and tiny gaps, ensuring perfect sealing.
- Natural color, close to tooth color
- Strong bonding, low shedding rate, strong wear resistance, long-term sealing is guaranteed.
- Good moisture resistance. Even when children are not friendly to cooperation and cannot be well isolated from moisture, it can still achieve a good bonding and sealing effect.
- Non-toxic to the human body, safe, and secure.

SPECIFICATIONS

Color: White

Net Weight : 3g/syringe



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FLUORIDE FOAM

NANOFIL[®]

NANOFIL[®] Fluoride foam is a foam-like dental product containing fluoride, usually with sodium fluoride as the key ingredient. Combined with surfactants, solvents and other components to form foam, it can adhere evenly to the tooth surface and release fluoride ions. These ions react with hydroxyapatite in tooth enamel to form fluorapatite with stronger acid resistance, which hardens the enamel, promotes remineralization, inhibits acid production by cariogenic bacteria, and thus prevents dental caries.

ADVANTAGES

- Enhance the resistance to tooth decay
- Prevent enamel demineralization
- Xylitol helps balance the pH value of the oral cavity.
- Promote tooth remineralization

SPECIFICATIONS

Spec: 10g



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FLUOR PROTECTOR

NANOFIL®

NANOFIL® Dentex Fluoride Protective Agent contains tricalcium phosphate (TCP) and sodium fluoride, and is a protective coating used to prevent tooth decay.

Scope of application:

Fluoride coating on the tooth surface increases the acid resistance of tooth enamel and prevents tooth decay.

ADVANTAGES

Product features and clinical advantages:

continuous release of fluoride ions for 90 days, achieving long-term prevention effect

Good fluidity, can penetrate and cover the tiny corners of teeth, fast film formation speed, and easy to adsorb on tooth surface

After activation by saliva, it can continuously release fluoride ions to inhibit the metabolism of caries-causing bacteria

Suitable for caries prevention for people of all ages

SPECIFICATIONS

Net content: 3ml/Piece



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ORTHODONTIC ADHESIVE RESIN COLOR-CHANGE PLUS

NANOFIL[®]

NANOFIL[®] Orthodontic Adhesive Resin Color-Change PLUS is a light-cure orthodontic adhesive featuring color-change technology and continuous fluoride release — designed for precise placement, reliable bonding, and long-term enamel protection.

ADVANTAGES

Light-Cure Orthodontic Adhesive with Color-Change Technology

Key Features:

- Color-Change Assist: Pink pre-cure for easy flash identification → Clear post-cure for seamless aesthetics
- Fluoride Protection: Continuous release to inhibit demineralization and white spot lesions
- Optimal Viscosity: Prevents bracket drift, ensures strong bond strength
- Stain-Resistant: Maintains translucency throughout treatment
- Indications: Direct bonding of orthodontic brackets (metal/ceramic)

SPECIFICATIONS

Net Weight : 3g/syringe



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ORTHODONTIC ADHESIVE DENTAL RESIN

NANOFIL®

NANOFIL® Orthodontic Adhesive Dental Resin is designed for bonding of metal and ceramic brackets on enamel. Because of high viscosity, it prevents brackets from drifting and reduces material waste. As it is light cured, extra working time is ensured and accurate bracket placement can be obtained.

ADVANTAGES

- Short curing time
- Easy clean-up
- Easy handling, aesthetic and reliable
- Prevents brackets drifting
- Less material waste

SPECIFICATIONS

Net Weight : 3.g/syringe



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ORTHODONTIC ADHESIVE DENTAL RESIN

NANOFIL[®]

NANOFIL[®] Orthodontic Adhesive Dental Resin is designed for bonding of metal and ceramic brackets on enamel. Because of high viscosity, it prevents brackets from drifting and reduces material waste. As it is light cured, extra working time is ensured and accurate bracket placement can be obtained.

ADVANTAGES

- Short curing time
- Easy clean-up
- Easy handling, aesthetic and reliable
- Prevents brackets drifting
- Less material waste

SPECIFICATIONS

Intro Kit :

Orthodontic Adhesive Dental Resin 3x3.g/syringe

37% Etchant Gel 1x2.5ml

Dental Bonding Agent 1x5ml

Micro-Applicators 20pcs



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CALCIUM HYDROXIDE PASTE

NANOFIL[®]

Radiopacity and Antimicrobial Properties

Ready-to-use radiopaque pre-mixed calcium hydroxide paste. This creamy radiopaque calcium hydroxide paste is intended for temporary root canal disinfection. It is water-soluble and dissolves readily in water.

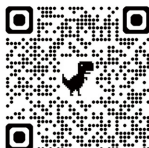
Thanks to its high alkalinity, calcium hydroxide neutralizes free acids released by obturating cements and restorative materials, relieves dentin hypersensitivity and facilitates the regeneration of secondary dentin.

ADVANTAGES

- **Superior Flowability:** Creamy texture easily reaches root apex and lateral canals.
- **Non-Setting Property:** Stable high alkalinity delivers long-term bactericidal effect; extrudable even with needle left overnight.
- **Zirconia Radiopacity:** Heavy-metal free, clear radiographic visibility for follow-up examination.
- **Easy Irrigation Removal:** Iodoform-free, fully cleanable by water or ultrasonic rinse, compatible with subsequent root canal obturation.
- **Long-Lasting Antibiosis:** Full-cycle disinfection during the 10–14 days intracanal dressing period.
- **Mild Postoperative Reaction:** Relieves periapical inflammation with minimal discomfort for patients.
- **Cost-Effective Design:** Pre-filled ready-to-use syringe, no manual mixing; saves both consumables and clinical chair time

SPECIFICATIONS

Net Weight : 2.5g/syringe



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DENTAL ROOT CANAL FILLING PASTE

NANOFIL®

Dental root canal filling paste is a convenient pre-mixed, injectable, white, water-hardening paste material.

It can be used to fill or seal pulp chambers and voids in root canals during root canal treatment.

NANOFIL dental canal filling paste is a composite containing calcium silicate, insoluble in water, radiopaque, aluminum-free, and requires water for curing. It has no curing shrinkage and excellent physical properties.

NANOFIL dental canal filling paste is pre-loaded in a syringe and used with a disposable 0.35mm transparent curved needle.

ADVANTAGES

- **Fast Setting Speed**

Fully sets within only 2 hours under the standard environment of 37°C.

- **Excellent Flowability**

The paste features superior fluidity ideal for root canal obturation, enabling smooth delivery to the apical foramen and lateral canals to achieve void-free full obturation.

- **Qualified Radiopacity**

Formulated with zirconia radiopacifier for clear radiographic visualization during clinical follow-up examinations.

SPECIFICATIONS

Net Weight : 2g/syringe



Always For Your Smile 

LC- TEMPORARY CROWN & BRIDGE RESIN

NANOFIL®

Developed exclusively for dental provisional restorations, this product delivers outstanding curing depth and uniform, stable polymerization. It features ideal flexural strength and superior hydrolytic stability, with rigorously controlled water sorption and solubility values. Post-curing, it boasts high surface hardness, excellent polishability, stable shade and moderate light sensitivity.

SCOPE: For fabricating dental provisional restorations (provisional crowns and bridges).

ADVANTAGES

- **Single-Component System for Precise Operation**

By replacing traditional, wasteful dual-cure cartridges with an ultra-stable, single-component UDMA-based paste, clinicians gain complete control over working time and material consumption.

- **High Strength & Hydrolytic Stability**

Engineered with an optimized silica-glass fillers, it guarantees superior flexural strength and excellent hydrolytic resistance to prevent clinical fractures.

- **Natural Esthetics & Long-Term Safety**

With premium polishability and seamless integration with the Vita Classical shade system, it delivers highly aesthetic, biologically safe, and long-lasting provisional restorations with zero material waste.

SPECIFICATIONS

Shades : A1、A2、A3

Net Weight : 15g/syringe



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GINGIVAL RESIN

NANOFIL[®]

NANOFIL[®] Gingival Resin is specially designed for dental laboratories to shape artificial gingiva on dentures. It cures rapidly and delivers excellent opacity to effectively mask metal frameworks and dark posts. Its biomimetic shades perfectly replicate the texture of natural gingiva with lifelike, natural tones, and the material boasts superior overall performance for easy handling.

ADVANTAGES

- Rapid Curing, shortens lab production time and improves processing efficiency
- Excellent Opacity, fully conceals metal frameworks and dark abutment posts
- Superior material performance, low shrinkage, wear-resistant and anti-staining
- Biomimetic natural color matching, highly restores lifelike texture of real gingiva

SPECIFICATIONS

Color: G1、G2、G3、G4

Net Weight : 4g



CE 0197

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TEMPORARY CROWNS & BRIDGES 3D Printing Material

NANOFIL[®]

NANOFIL[®] NANOFIL As a high-performance 3D printing resin for long-lasting temporary crowns and bridges, combining natural esthetics with exceptional strength and abrasion resistance.

Application: Temporary crowns & Temporary bridges

ADVANTAGES

- Long-lasting temporary restorations
- Natural aesthetics
- Excellent mechanical properties

SPECIFICATIONS

Color: Opaque White **Shelf Life:** 2 year

Net Weight : 1kg, 25kg, 180kg

Item	Specification	Typical Value
Viscosity (cps)	1000 $\pm$ 500	1165 cps @ 20°C
Hardness	> Shore D 90	D 95
Curing Wavelength (nm)	350-420	405



CE 0197

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MODEL 3D Printing Material

NANOFIL®

NANOFIL® As a high-precision dental model resin, NANOFIL Model offers excellent dimensional stability and is easy to print. Its unique almond color allows users to clearly identify margin lines and anatomical details.

Application: Dental Models

ADVANTAGES

- High shaping precision
- Stable performance
- Smooth surface finish
- Scratch resistance
- Good flowability

SPECIFICATIONS

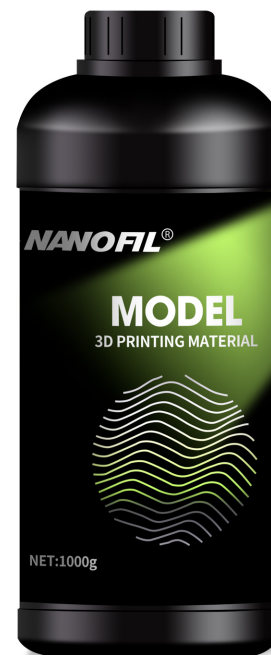
Color: Gray **Shelf Life:** 2 year

Net Weight : 1kg, 25kg, 180kg

Item	Specification	Typical Value
Viscosity (cps)	1000 ± 500	1150 cps @ 20°C
Hardness	> Shore D 90	Shore D 95
Curing Wavelength (nm)	350-420	405



3D PRINTED



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SURGICAL GUIDE 3D Printing Material

NANOFIL[®]

NANOFIL[®] Surgical Guide Resin enables precise and efficient fabrication of implant surgical guides. Compared with similar products, it offers higher flexural strength and modulus, allowing it to withstand pressure during surgery without deformation, ensuring superior durability. In addition, its biocompatibility provides a safer and more comfortable experience for patients.

Application: Implant Surgical Guides,

ADVANTAGES

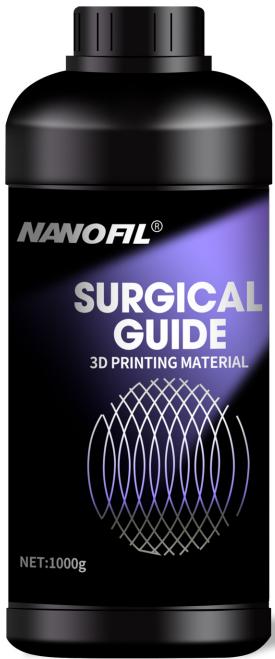
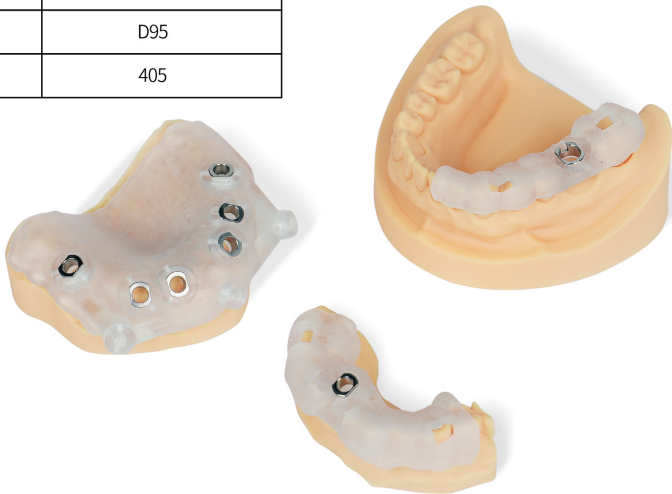
- High printing accuracy
- Compatible with high-temperature steam sterilization
- Biocompatible

SPECIFICATIONS

Color: Clear, Shelf Life: 2year

Net Weight : 1kg, 25kg, 180kg

Item	Specification	Typical Value
Viscosity (cps)	350±100	365 cps @ 20°C
Hardness	> D90	D95
Curing wavelength(nm)	350-420	405



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DENTAL VINYL POLYSILOXANE IMPRESSION MATERIAL



GK® dental vinyl polysiloxane impression materials are composed of two components:

Base: Vinyl siloxane, silica, fillers

Catalyst: Hydrogen siloxane, platinum-based catalyst

SCOPE: Indicated for obtaining precision impressions of teeth and oral tissues, including fixed bridges, full crowns, inlays & onlays, telescopic crowns, attachments.

ADVANTAGES

- Precision Impression Technique
- Excellent flowability combined with superior thixotropy
- Extended extraoral working time with rapid intraoral setting
- Exceptional dimensional stability
- Excellent hydrophilic properties, odorless, and non-irritating
- Superior elastic recovery and thixotropic behavior

TECHNICAL PARAMETERS

Model	Working time	Intraoral setting time	Shore A hardness	Dimensional Reproducibility	Elastic Recovery Rate
Putty Soft	≤1:15	2:30	62-64	20μm	≥99.2%

PACKAGES

Light Body (type 3) 50xmx2;

Putty Soft (type 0) 250mx2;

Intro Kit: Light Body 50ml x1 and Putty Soft 250mx2;



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DENTAL VINYL POLYSILOXANE IMPRESSION MATERIAL (Bulk Packaging)



GK® dental vinyl polysiloxane impression materials are composed of two components:

Base: Vinyl siloxane, silica, fillers

Catalyst: Hydrogen siloxane, platinum-based catalyst

SCOPE: Indicated for obtaining precision impressions of teeth and oral tissues, including fixed bridges, full crowns, inlays & onlays, telescopic crowns, attachments.

ADVANTAGES

- Precision Impression Technique
- Excellent flowability combined with superior thixotropy
- Extended extraoral working time with rapid intraoral setting
- Exceptional dimensional stability
- Excellent hydrophilic properties, odorless, and non-irritating
- Superior elastic recovery and thixotropic behavior

TECHNICAL PARAMETERS

Model	Working time	Intraoral setting time	Shore A hardness	Dimensional Reproducibility	Elastic Recovery Rate
Putty Soft	≤1:15	2:30	62-64	20μm	≥99.2%

PACKAGES

Light Body (type 3) 1kg-10kg;

Putty Soft (type 0) 1kg-10kg;



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FOR DENTAL LABORATORY USE

Silicone Rubber Impression Material



Addition-cured silicone impression material / Platinum catalyst system

- SCOPE:**
- Designed for dental technicians to fabricate various templates and models.
 - Ideal for gel-injection denture arrangement techniques.

ADVANTAGES

- Superior formulation: Advanced technology ensures the material (Putty Soft Type 0) has a smooth texture for effortless mixing.
- Fast processing: Working time of 1–2 minutes; curing time of ≤ 2 minutes, optimized for efficient workflows.
- High precision: Delivers exceptional impression accuracy and dimensional stability.
- Durability: Shore A hardness of 75 ± 2 , resistant to deformation during wax elimination via boiling.
- Ultra-fine reproduction: Achieves replication accuracy down to 50 microns.
- Flexible adaptability: Soft consistency enables precise shaping with sharp gingival margin definition.
- Post-processing ease: Easily trimmed or modified; sectioned surfaces is bondable with cyanoacrylate (502) adhesive.

TECHNICAL PARAMETERS

Model	Specifications	Working Time	Curing Time	Hardness (Shore A)	Dimensional Reproducibility	Color
Putty Soft Type A	1kg/1kg, 5kg/5kg, 10kg/10kg	≤ 2 minutes	$\leq 2:00$	75 ± 2	50 microns	Blue/White
	400g/400g, 1kg/1kg	≤ 2 minutes	$\leq 2:00$	64 ± 2	50 microns	Blue/White



Always For Your Smile

DENTAL ALGINATE IMPRESSION MATERIAL



GK® This dental alginate impression material is an irreversible hydrocolloid impression powder mainly consisting of diatomaceous earth, alginate, calcium sulfate, sodium phosphate and other components. Easy to operate clinically and cost-effective, this material can produce diagnostic casts with excellent precision, being one of the most widely used impression materials in dental clinical practice. It is available in three types: Color changing set, Regular Set and High-precision.

SCOPE: It is indicated for taking oral impressions of dental arches covering teeth and surrounding oral soft tissues.

ADVANTAGES

- Wide powder-water tolerance, smooth lump-free paste for easy mixing
- Great compression, tear resistance and elastic recovery; intact impression after demoulding
- Reproduce 0.05mm fine lines, restore tooth & gingiva details for precise diagnostic casts
- 90s fixed working time, setting time 2.5–3 mins; color-changing type shows curing status visually
- Three types: Color changing set, Regular Set, High-precision. Color-changing model fits clinic & lab use
- 5%–20% stable compressive strain, low shrinkage for accurate plaster models

PACKAGES

Model: Color changing set / Regular Set / High-precision

Net Weight : 454g / bag



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LIGHT-CURING RESIN POLISHING SYSTEM

Specifically designed for polishing light-cured resin veneers, inlays, direct composite restorations, and critical anatomical zones such as pits, fissures, and gingival margins. Ideal for achieving high-gloss surfaces while preserving restoration integrity.

SPECIFICATIONS

Resin High-Gloss Polishing Kit

Product Code DE0404

Resin High-Gloss Polishing Kit

DR121	14x2
DR501	5.5x10
DR131	14x2
DR601	5.5x10



Resin Polishing Kit

Product Code GS090

Resin Polishing Kit

GS021	GS022	GS023
GS051	GS052	GS053
GS031	GS032	GS033



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1-SECOND DENTAL CURING LIGHT

Revolutionize your dental workflow with the 1-Second Dental Curing Light, engineered for precision, speed, and durability. Featuring advanced 360° rotational irradiation and a high-intensity 10W LED, this device delivers 1-second curing at depths of 2mm, optimizing efficiency for veneers, composites, and adhesives.

ADVANTAGES

- 360° Rotational Irradiation
- Single-Button Operation
- 1-Second Cure
- Sleek, Seamless Body
- Non-Slip Grip

TRIPLE IRRADIATION MODES

- High-Intensity Mode: Full-power blue light for rapid curing.
- Pulse Mode: Blue light emits intermittent bursts of light in a pulsed manner.
- Ramp Mode: Blue light intensity gradually increases from low to peak power.

COLOR OPTIONS

Blue, White, Green, Pink



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COMPOSITE RESIN INSTRUMENT KIT

A specialized dental restorative instrument set designed for diverse clinical applications.

Technical Specifications:

- Non-adherent working tips facilitate smooth and precise handling of composite resin materials.
- Textured ergonomic handles with anti-slip design enhance grip and minimize operator fatigue during prolonged procedures.
- Precision-finished tips ensure smooth, burr-free shaping and contouring of restorative materials.

Clinical Applications:

1. Optimized for direct composite restorations by both experienced clinicians and dental students.
2. Enables precise shaping and contouring for:
 - Direct restorations of small carious lesions.
 - Restoration of extensive tooth defects.
 - Delivers predictable aesthetic and functional outcomes.

SPECIFICATIONS



Composite Resin Instrument Kit, Type II

Type II 5×1 (Plated Coating)



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COMPULES DELIVERY DEVICE

Compules Delivery Device is restorative material delivery system designed to precisely deliver and dispense restorative materials into the target site during dental procedures.

ADVANTAGES

- The capsule delivery device utilizes pressurized injection technology to ensure retention of composite/compomer materials within cavity preparations, particularly in shallow or open-gingival margin configurations, minimizing material displacement risks.
- The single-use capsule and delivery system eliminates cross-contamination risks associated with materials in syringe packaging, while its modular design allows for complete disassembly to facilitate thorough cleaning and sterilization protocols per infection control guidelines.

SPECIFICATIONS

Color: white **Unit :** piece

PRECAUTIONS

- This product should be stored in a cool, dry environment.
- The device requires immediate replacement upon reaching its designated clinical service cycle to ensure optimal performance.



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ORAL AI CAMERA C6

LOVE SMILE™

LOVE SMILE™ Oral AI Camera C6 adopt with artificial intelligence, advanced optical and sensing technology. It can achieve 360-degree intraoral photography to detect oral diseases such as caries, gingivitis, and dental calculus. After taking photos, the application will generate an oral health report for the user.

ADVANTAGES

- Oral dynamic observation with identification of oral diseases.
- By accurately analyzing the captured oral images, users can fully understand their oral conditions and discover tiny oral problems as early as possible.

SPECIFICATIONS

Support System: Android 4.4

Battery Life: 2Hour

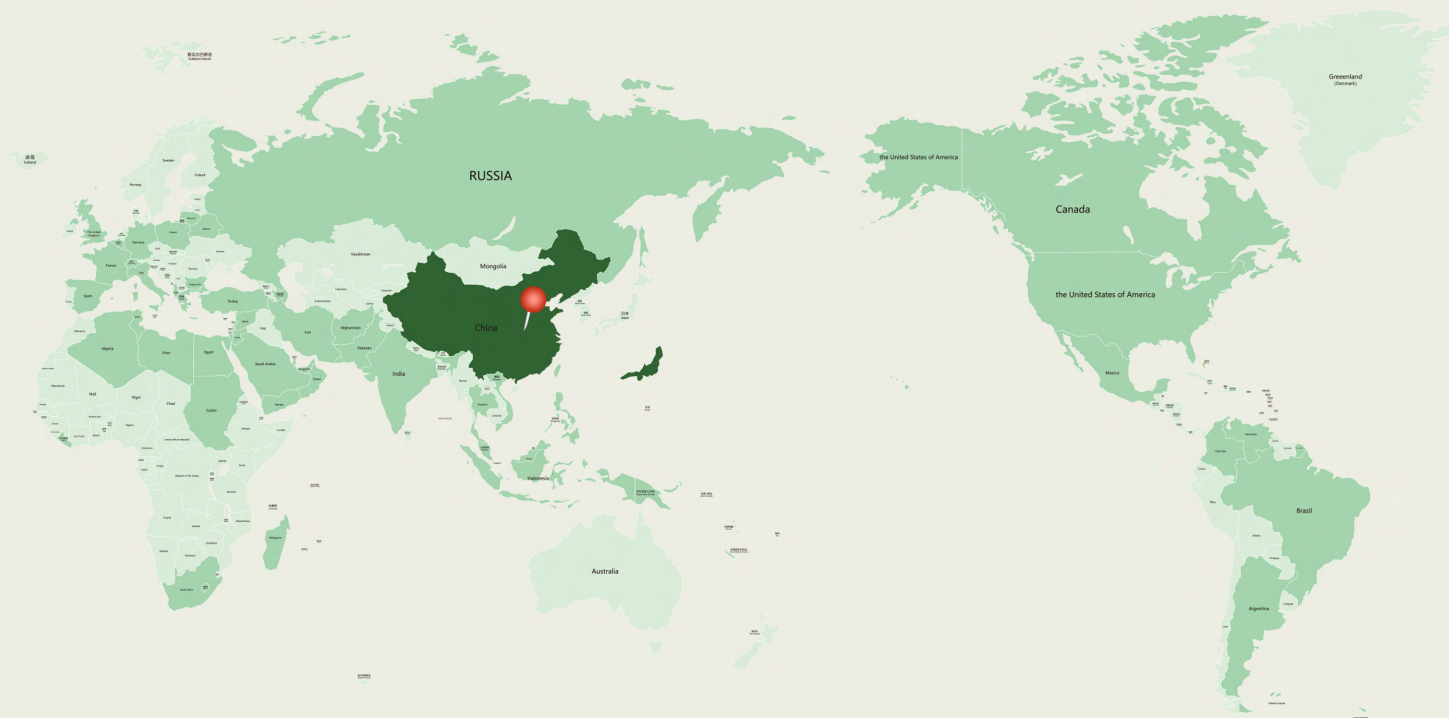
Anti-shake: Support

COLOR

White



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Marketing Network



180+

Our markets reaching 180 countries worldwide. ▲

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CONTACT US



www.atmbio.com



info@atmbio.com



+8610-69778208

AT&M Biomaterials Co., Ltd.
Building 1, Zhongguancun Science and Technology Park at Pinggu,
Courtyard No. 46, Pingwang Street, Pinggu District, Beijing, China