

The complete
line of dental
consumables

maquira®





Maquira: much more than 20 years of history

Maquira was founded 20 years ago, but our story began much earlier. In 1976, before I was even born, my father started selling dental products, so I grew up and worked in the world of dental products. Studying and analyzing market needs and opportunities, in 2000 I started producing what would be Maquira's first product: the retainer case.

Since then, Maquira has grown steadily until we became Maquira Dental Group: a group with four brands and more than 450 products. Our daily commitment is to focus on the essentials: offering a complete portfolio, delivering the best dental solutions and serving all our customers with excellence. We constantly invest in the development of new products, technology and expansion to become the largest company in Latin America in digital solutions, biomaterials and dental consumables.

Inspiring healthy smiles

Our purpose is to inspire healthy smiles. We have in mind what we want to contribute and, to achieve this, the Maquira, Makertech, Hemospon and BM4 brands have complete lines of solutions in consumables, digital dentistry, biomaterials, composites and high esthetics. Maquira Dental Group's manufacturing facilities are always growing so that we can develop and produce innovative products that will meet the growing needs of the market. From accessories to 3D printing, we not only seek innovation, but remain committed to providing safe, effective and high-quality products.



Antonio Leme Junior
Founder and CEO



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maquira®



Category

DENTAL CLINIC
ACCESSORIES

Organization and practicality for daily use in
the dental office.

Abritec

Mouth Opener



Abritec Mouth Opener fit perfectly between the patient's upper and lower arches, providing greater comfort by keeping the mouth open for longer, making it easier for the professional to do their work.

Indication:

- Help maintain the patient's mouth open during dental procedures.

 Made of silicone

 Autoclavable
121 °C

Presentations:

- Blue - 2 units (1 un. Adult and 1 un. Child)
- Pink - 2 units (1 un. Adult and 1 un. Child)

ANVISA REG. No.: 80322400033

Expandex Retractor


Side retractor for lips and cheeks



The retractor helps open the lips, facilitating various procedures in dentistry. It has a modern design that is comfortable and safe for the patient to use.

Indication:

- Help with intraoral photographs of posterior teeth, bracket bonding, prophylaxis, fluoride application and adhesive restorations.

 Sizes:
Adult and Child

 Autoclavable
121 °C

Presentations:

- Autoclavable - 1 unit (Adult or Child)
- Chemical - 1 unit (Adult)

AUTOCLAVABLE: ANVISA REG. No.: 80322400034
CHEMICAL: ANVISA REG. No.: 80322400145

U Retractor


Side retractor for lips and cheeks




The retractor helps open the lips, facilitating various procedures in dentistry. It has a modern design that is comfortable and safe for the patient to use.

Indication:

- Help with intraoral photographs of posterior teeth, bracket bonding, prophylaxis, fluoride application and adhesive restorations.

 Great amplitude for frontal shots

 Sizes:
Adult and Child

 Autoclavable
121 °C

Presentations:

- Adult - 2 units
- Child - 2 units

ANVISA REG. No.: 80322400034

V Retractor

Side retractor for lips and cheeks



Presentations:

- Adult - 2 units
- Child - 2 units

ANVISA REG. No.: 80322400034

Flex Retractor

Side retractor for lips and cheeks



The retractor helps open the lips, facilitating various procedures in dentistry. It has a modern design that is comfortable and safe for the patient to use.

Indication:

- Help with intraoral photographs of posterior teeth, bracket bonding, prophylaxis, fluoride application and adhesive restorations.

 **Retractor with bite rest**
More comfort for the patient

 **Autoclavable**
121 °C

Ostby Frame

Plastic frame for fixing the rubber sheet



Frames made of sterilizable material that is easy to handle and has good resistance. They help to fix the rubber sheet and provide absolute isolation from the tooth to be treated, preventing contamination.

Indication:

- Indicated for helping to fix the rubber sheet.

 **Super resistant,**
made of polyacetal

 **Autoclavable**
121 °C

Presentations:

- Adult - 1 unit
- Child - 1 unit

Flexible Ostby Frame

Plastic frame for fixing the rubber sheet



Frames made of sterilizable material that is easy to handle and has good resistance. They help to fix the rubber sheet and provide absolute isolation from the tooth to be treated, preventing contamination.

Indication:

- Indicated for helping to fix the rubber sheet.

 **Facilitates taking X-rays during endodontic treatment**

 **Autoclavable**
121 °C

 **Super resistant,**
made of polyacetal

 **Size:**
Adult

Presentations:

- Adult - 1 unit
- Child - 1 unit

Presentation:

- Adult - 1 unit

Matrix Band

Steel strip for restoration



Promotes proximal contouring of posterior teeth for amalgam placement and condensation, and is rigid enough not to peel off during restoration.

Indication:

- Indicated for reconstruction of posterior teeth.

 It has smooth edges to preserve soft tissue

 Made with stainless steel

Presentations:

- 0,05 x 5 mm - 1 unit with 50 cm
- 0,05 x 7 mm - 1 unit with 50 cm

Anatomical Wedge

Wooden interdental wedges



Wooden wedges of various sizes for restorative procedures with the mechanical function of adapting the matrix and/or moving adjacent teeth apart.

Indication:

- Indicated for general use in restorative procedures with the mechanical function of adapting the matrix and/or moving adjacent teeth apart.

 With non-toxic pigment

 Easy handling with tweezers

Presentation:

- 100 assorted wedges

Dental Tray

Dental tray for sterilizing instruments in an autoclave.

Indication:

- Accommodating and organizing instruments during the sterilization process and/or carrying out procedures.

 Light, thin and easy to handle trays

 Made of highly resistant material

 Autoclavable 121 °C

 Available in colors: Blue, pink and white



Sizes:

- 22 x 9 x 1,5 cm
- 22 x 12 x 1,5 cm
- 22 x 17 x 1,5 cm



15

Bur Block



Autoclavable bur block for organizing and storing burs.

Indication:

- Indicated to organize, store, transport and sterilize dental burs.

Presentations:

Q01	15 CA
Q02	15 FG
Q03	15 FG & CA
Q04	15 PM
Q05	15 C. L.
Q06	FG
Q07	21 FG & CA
Q08	60 FG



System of opening and closing cover to accommodate the drill bits

ANVISA REG. No.: 80322400065

16 | Dental Clinic Accessories

Plastic Spatula

Spatulation of alginate and gypsum



Spatula for handling dental products.



Made with thermoplastic resins



Its shape allows optimum homogenization



Easy to clean due to its smooth surface



Colors
Blue and Pink

Presentations:

- Blue - 1 unit
- Pink - 1 unit

ANVISA REG. No.: Product exempt from registration.

Rubber Dam Clamp

Clamp for rubber dam



Clamps for fixing the rubber sheet during the absolute dental isolation technique of teeth in a wide variety of dental procedures.



Made of stainless steel



Memory effect, does not deform easily

Presentations:

N° 00 | N° 0 | N° 1A | N° 12A | N° 13A | N° 14A | N° 14 | N° 200
N° 201 | N° 202 | N° 203 | N° 204 | N° 205 | N° 206 | N° 207
N° 208 | N° 209 | N° 210 | N° 211 | N° 212 | N° 212 L
N° 212 M | N° 212 R | N° 26 | N° 27 | N° W8A - 1 unit


ANVISA REG. No.: Product exempt from registration.


Ionomix Spatula

Plastic spatula



Spatula for handling glass ionomer.

 Provides greater flexibility in handling

 Does not darken the material handled

 Not autoclavable

 **Composition:**
Polypropylene

Presentation:

- 1 unit

Instruments Marker

Silicone marker



Marker indicated for differentiating instruments in clinical procedures.

 **Autoclavable**
121 °C

 **Available in colors:**
Blue | Green | Red | Silver | White
Black | Orange | Pink


 **Includes case for organizing the product** (case not autoclavable)

Presentations:

- Multicolors 120 units
- Multicolors 60 units
- Blue 60 units
- Pink 60 units

Maquira Spray & Maqspray

Maquira Spray (200 mL) and Maqspray (100 mL) lubricants are low viscosity, non-toxic mineral oils used for the daily maintenance of rotational dental instruments, preventing oxidation in bearings and sliding bearings.

 Allows sterilization of the lubricated part, without loss of the oil's lubricating and antioxidant properties

 Maquira Spray with dual application nozzle



Presentations:

- Maquira Spray - Bottle with 200 mL
- Maqspray - Bottle with 100 mL



Universal Matrix

Preformed clamps and matrix

The Maquira Universal Matrix offers exclusive pre-formed clamps and matrices developed to ensure that the restorative material matches the natural anatomy of the tooth.

Indication:

- Preformed, disposable matrices indicated for class II restorations and includes sectional matrices and clamps for fixation.



The design of the matrices favors the reestablishment of anatomy



Excellent malleability with a thickness of 0.05 mm



Easy to remove and does not stick to the composite

Available in sizes*:

Small



Medium



Large



Practicality in re-establishing the contact point

Step by step by Dr. Marcelo Alves



Prepare the tooth. Take care to remove all acute angles of the cavity including, in unsupported enamel, in shallow cavo angles.



Position the selected matrix (S, M or L).



Select and use the anatomical wedge indicated.



Use a burnisher to improve the positioning of the matrix.



Position the fixing clamp with the silicone protectors.



Brush the matrix against the adjacent tooth to improve contact point performance.



Accommodation of Applic composite resin in the cavity.



After the interproximal restoration, it is optional to remove the matrix before completing the entire process. Final treatment result.



Stable and versatile clamps

Anatomical geometry: total stability during the procedure.

High resistance to pressure.

Made from stainless steel, they can be autoclaved and reused.

Tray for Bleaching



Thermo-moldable tray for bleaching.

Indication:

- Indicated for making individual trays for applying gel whitening products.

 It has a support making the molding process easier

 Molding only with hot water

 Made of ethylene vinyl acetate

Presentation:

- Pack with 2 units

Maquira Post



Prefabricated resin post.

Indication:

- It helps with intra-radicular molding and the preparation of metal cores using the direct and indirect technique.

 Differentiated design for better retention of molding material

 Strong mechanical and chemical adhesion to relining resins

 Ideal resistance

Presentation:

- Pack with 50 units

Super Carbon




Carbon paper for occlusal registration in blue and/or red.

Indication:

- Carbon paper for occlusal registration in blue and/or red.

 Resistant to traction and humidity

 Thickness of 100 µm does not interfere with occlusion


 Super Carbon Basic: Blue
Super Carbon Double Sided: Blue and Red


Presentations:

- Basic - 12 sheets
- Double Sided - 12 sheets

Super Carbon Spray

Super Carbon Spray is an occlusion spray with a contrasting color to the conventional colors of the prosthetic parts, which allows perfect visualization of the application area. It is easy to apply and to remove with alcohol or water.

 Vibrant color, providing excellent marking of the parts.

 100% washable, easy to remove with water or alcohol.



Initial photo of the procedure.



Spraying the part at a distance of approximately 3 to 8 cm.



Contact verification.



After contact verification and wear, the product can be easily removed with a brush, water, or alcohol.



Super Carbon Spray removal.



Final result of the procedure, perfect fit.

Presentation:

- 1 Bottle with 75 mL



Amalgam Holder Maquira

Dappen Pot
Plastic & Silicone

Clips for Bibs



The Amalgam Holder is designed for transporting and applying amalgam to the tooth to be restored.

Indication:

- Helps in restoration procedures using amalgam.

Dappen Pot is used for handling and packaging dental (composite resins, prophylactic pastes and others), medical and pharmaceutical products.


Clip for bibs is a device for holding patients' bibs and napkins.

 Plastic material

 Available in colors:
Pink and Green

 Autoclavable
121 °C

 3 cavities for handling

 Available in colors:
Pink, green and blue

 Autoclavable
121 °C

 Braided and made from metal chains

 Not autoclavable

Presentations:

- Green - 1 unit
- Pink - 1 unit

Presentations:

- Plastic: Pink or Blue - 1 unit
- Silicone: Pink, Green or Blue - 1 unit

Presentation:


- Pack with 1 unit


Endodontic Ruler


Plastic & Aluminum



The millimeter endodontic ruler is used to measure endodontic files.

 Dimension of the plastic ruler:
35 mm

 Dimension of the aluminum ruler:
40 mm

 Ruler resistant to various sterilization procedures

Presentation:

- Pack with 1 unit

File Stand

Plastic, Aluminum & Refill



File Stand is an autoclavable product used as a support for endodontic files.

 Autoclavable
121 °C

 File Stand refill in 100% polyester

 Accommodates the largest number of endodontic files

 Available in colors:
Blue and pink

Presentations:

- Plastic or Aluminum - 1 unit
- File Stand refill - 50 units

Precision

A dental materials injection system that helps to insert viscous materials such as resins, cements, pastes and gels into various procedures.

Characteristics:

- It is able to reach hard-to-reach places through its tips, quickly, precisely and without the formation of bubbles.



Perfect for inserting materials:
Resins, cements, pastes and gels



Greater precision in application and avoids bubbles



Autoclavable
121° C

The ideal tip, according to your needs:



TIP N° 2
High fluidity

It has a diameter of 0.8 mm, is used with low viscosity materials and its plunger is blue in color.



TIP N° 3
Heavy fluidity

Plastic cannula, used for high viscosity materials such as denser composites, core construction materials and other heavy cements. Its plunger is black in color.



TIP N° 4
Medium fluidity

Curved plastic cannula, recommended for posterior composites and core construction materials. It has a diameter of 1.0 mm and a green-colored plunger.

Presentations:

KIT:

- 1 applicator Precision
- 10 tips No. 2 + 10 plungers
- 10 tips No. 3 + 10 plungers
- 10 tips No. 4 + 10 plungers

REPOSITION:

- 20 tips No. 2, 3 or 4 and plungers



ANVISA REG. No.: 80322409002

Precision & Applic

Step by step

1



Remove the amount of restorative composite resin (Applic) that will be used in the cementing process

2



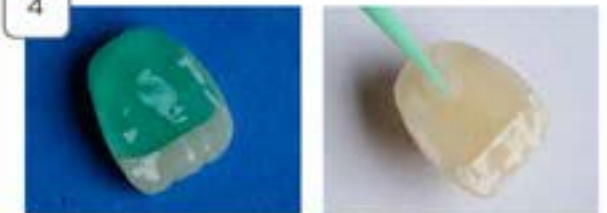
Insert the material into the tip and position the plunger

3



The tip can be taken directly to the heater or together with the Precision applicator

4



Prepare the piece to be used (e.g. acid and silane)

5



Position the tip on the Precision applicator

6



Apply the heated resin to the prosthetic part

7



After preparing the structure on which the prosthetic piece will be cemented (e.g. phosphoric acid and adhesive system), position the piece and remove any excess

8



Apply Power Block oxygen blocker to the margins of the prosthetic piece and photoactivate it



Precision & Glass Ionomer Cements

The use of materials obtained by mixing powder and liquid (e.g. glass ionomer) with Precision tips allows the materials to be applied in the correct place and without the presence of bubbles, increasing resistance.

Source: Schneider LF1, Vianna-de-Pinho MG2, Cavalcante, LM3. 1. Professor Associado, Universidade Federal Fluminense; Universidade Veiga de Almeida (RJ). 2. Doutorado em Odontologia, Universidade Veiga de Almeida (RJ). 3. Professora Associada, Universidade Federal Fluminense (RJ).

Rubber Bowl



Bowl made of rubber for handling dental products.

Made from thermoplastic material: pigmented in Blue and Pink

Presentations:

- Blue - medium or large - 1 unit
- Pink - medium or large - 1 unit

Airon Steel Abrasive Strip



Strip composed of an abrasive material which, when in friction with the restored surface of the tooth, promotes abrasion, wear and polishing of the treated area.

Indication:

- Strip for finishing and polishing the proximal surfaces of dental restorations, suitable for all types of restorative materials such as composites, acrylics, glass ionomers and amalgam.

Dimensions

- 125 mm x 4.0 mm x 0.12 mm
- 125 mm x 6.0 mm x 0.12 mm

Excellent interproximal wear
(between teeth)

Presentations:

- 4.0 mm - 12 units
- 6.0 mm - 12 units

Airon Polyester Abrasive Strip



Strip for finishing and polishing dental restorations. It works mechanically because it is composed of an abrasive material which, when in friction with the restored surface of the tooth, promotes abrasion/wear and polishing of the area.

Indication:

- Finishing and polishing the proximal faces of composite resin restorations.

Neutral center, facilitates insertion between teeth

Flexible strips, adapt to the contours of the proximal regions

Presentation:

- 4 mm x 170 mm - 150 units

Airon Polyester Strip



Its purpose is to confine the restorative material inside the cavity under pressure, preventing excess material from entering the interproximal space. It acts as a physical barrier, enabling proper restoration of the tooth wall and recovery of the contact point. Its transparency allows light to pass through during the polymerization of the restorative material.

Indication:

- Airon Polyester Strip is indicated for restorative procedures.

Transparent: allows light to pass through during light curing

Polyester: excellent resistance

Presentation:

- 10 mm x 120 mm x 0.5 mm - 50 units

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Category

BIOLOGICAL SAFETY

Biological safety control in healthcare centers.

Bioindicator 8 hours

Biological indicator
to monitor steam
sterilization cycles

The Bioindicator with rapid colorimetric reading (8 h) is designed to monitor the steam sterilization process. Rapid detection of positive biological indicators occurs through the gradual change in color of the growth medium.

Step by step:



Step 01
Separate two intact vials of Bioindicator from the same batch:
- 1 Test Ampoule
- 1 Control Ampoule



Step 02
Pack one of the ampoules in a sterilization envelope. Insert it into the autoclave and run the sterilization cycle. This will be the Test Ampoule.



Step 03
Once the sterilization cycle is complete, remove the Test Ampoule from the envelope. The thermochemical strip (chemical indicator) should have changed color from pink to brown.



Step 04
Insert 1/3 of the Test Ampoule into the incubator and press it against the incubator wall, resulting in the breakage of the inner glass ampoule and the release of the growth medium.

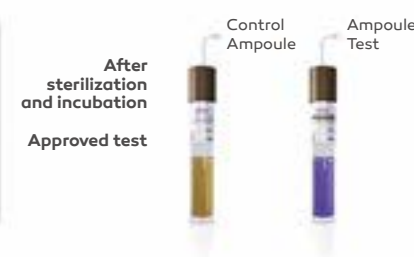
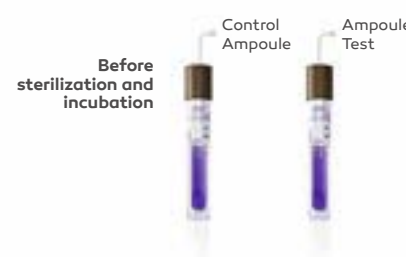


Step 05
Hold the ampoules as shown above and gently tap the bottom of the vial. Make sure that the paper disc has been soaked with the growth medium. Repeat the process with the Control Ampoule.



Step 06
Place the two ampoules (Test and Control) in the incubator for 8 hours.

Interpretation of the result:



Approved test

Presentation: 10 ampoules for 5 tests.

ANVISA REG. No.: Product exempt from registration.



Bioindicator 24 hours

Biological indicator
to monitor steam
sterilization cycles

Sterilization is essential for infection control in various healthcare centers. The purpose of the Bioindicator is to monitor steam sterilization, offering greater reliability in this process through the heat-resistant bacterial spore *Geobacillus stearothermophilus* ATCC 7953.

Step by step:



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Separate two intact vials of Bioindicator from the same batch:
- 1 Test Ampoule
- 1 Control Ampoule



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Step 06
Place the two ampoules (Test and Control) in the incubator for 24 hours.

Interpretation of the result:



Approved test

Presentation: 10 ampoules for 5 tests.

ANVISA REG. No.: Product exempt from registration.



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Category

CEMENTS

Filling materials, restorations and ready-to-use cements.

Applic Light-cured temporary filling

Applic is a light-cured temporary filler with the function of sealing the pulp cavity, preventing microleakage and the escape of intracanal medication, guaranteeing the success of endodontic treatment. Composed of light-curing resins, it is easy to apply and remove, as it is ready for use. It contains no eugenol and is compatible with composite resin restorations.

Indication:

- Temporary filling procedures and the temporary or definitive sealing of screws on implants.



Easy to apply and remove, ready to use



Eugenol-free



Available in colors: A2 and A3



Presentation:

- 2 syringes with 2 g each

ANVISA REG. No.: 80322400062

Zinc Cement

Zinc Cement is suitable for cementing cast metal restorations, ceramic restorations, crowns, bridges and for use as a base cement or cavity liner.

Indication:

- Fixing inlays, crowns and bridges;
- Lining cavities;
- Dental restorations and provisional restorations.

Step by step:



Step 01
Start handling powder + liquid cement.



Step 02
Recommended ratio of 1 large measuring spoon to 4 drops of liquid.



Step 03
Divide the powder for increased handling.



Step 04
Homogenization process.



Step 05
Consistency for application.



Step 06
Easy application.



Low solubility



High compressive strength



Easy handling

Presentations:

- Liquid - 1 Bottle with 10 mL
- Powder - 1 Bottle with 28 g



ANVISA REG. No.: 80322400079



Dual Force Dual Resin Cement

Dual Force is a dual-cure resin cement (photoactivated and chemical) for professional use. The product consists of a base paste and a catalyst, which should be used in a 1:1 ratio.

Indicated for cementing:

- Pure porcelain or metal-ceramic crowns and bridges;
- Inlays, onlays, ceramic crowns and laboratory resin crowns;
- Fiberglass, carbon fiber, ceramic or metal root posts;
- Adhesive prostheses (Maryland bridges).

Step by step:



Step 01
Start of the treatment



Step 02
Application of Gel Acid (37% phosphoric) Maquira



Step 03
Applying Bond 2.1 Maquira adhesive to the microbrush



Step 04
Application of Bond 2.1 adhesive in the cavity



Step 05
Application of bonding agent (Silano Maquira) to the fiberglass pin (Fiber Post Maquira)



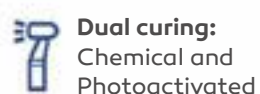
Step 06
Application of resin cement (Dual Force) to the post + cavity



Step 07
Insertion of the fiberglass pin into the cavity



Step 08
Completing the procedure by forming the trunion



Dual curing:
Chemical and Photoactivated



Excellent adhesive strength on different surfaces



Radiopaque

Presentations:

- Base Paste A1, A2, A3 and Transparent or Catalyst Paste: 1 Syringe with 2.5 g and 3 tips
- Base Paste A1, A2, A3 or Transparent + Catalyst Paste: 1 Double-body syringe with 5 g and 5 tips



ANVISA REG. No.: 80322400096

Obtur Temporary Restorative

Obtur is a ready-to-use, radiopaque, eugenol-free material for temporary cavity closure, which hardens quickly in the mouth on contact with saliva.

Indication:

- Indicated for the temporary closure of cavities in unfinished or emergency procedures in endodontics or dentistry, preventing contamination.

Clinical case:



O1
After in-office bleaching, a dressing will be applied.



O4
Aspect of condensed calcium hydroxide paste in the internal and cervical region.



O2
Removal of the buffer to intensify the action of the calcium hydroxide.



O5
Application of the Obtur Maquira provisional obturator, used for the delay dressing.



O3
Application of Maquira Chlorhexidine Solution for root canal disinfection.



O6
Final appearance of provisional filling for temporary action of calcium hydroxide after in-office bleaching.



Presents adhesion to the cavity walls and a satisfactory marginal seal



Obtur with fluoride helps reduce sensitivity in the treated area

Presentations:

- Obtur: 1 pot with 25 g
- Obtur with Fluoride: 1 pot with 25 g



ANVISA REG. No.: 80322400027

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Category

**SURGERY AND
PERIODONTICS**

Hemostasis and safety in surgical procedures.

Thermal Bag


Hot & Cold




Gel bag to facilitate the application of cold or heat therapy, as it maintains the temperature for longer than water.

Indication:

- Indicated for adjuvant treatment of painful processes in general, such as implantology, periodontics, hemorrhagic processes, surgical treatments, inflammatory and traumatic processes.

 Can be used several times, maintaining its flexibility

 Flexible gel pouch even when cold freezer or fridge 2 to 4 hours

Presentation:

- 10 units with 100 g each

Surgical Cement




Surgical cement based on zinc oxide and eugenol for use after periodontal surgery, which offers safe local protection for surgical wounds, keeping them clean. It is produced by mixing its components (powder and liquid) at the time of use.

Indication:

- Indicated as a periodontal lining to protect sutures from periodontal surgery.

 Strong adhesion and plasticity

 Protection of surgical wounds, keeping them clean

Presentations:

- Liquid - 1 Bottle with 20 mL
- Powder - 1 Bottle with 50 g
- Kit - 1 Bottle of Surgical Cement Powder and 1 Bottle of Surgical Cement Liquid

Hemopare



Hemopare helps with hemostasis and gingival retraction due to the presence of aluminum chloride, which causes the surface layer of free gingiva to contract by precipitating tissue and serum proteins. Used in cavity preparations for restorations and dental prostheses. Conditioned tissues recover within 1 hour. Does not contain epinephrine.

Indication:

- Indicated for hemostasis and gum retraction.

 No epinephrine

 Short-lasting effect 1 hour

Presentation:

- 1 Bottle with 10 mL

Hemoliq



Hemoliq is a topical agent, in solution, for hemostasis and gingival retraction, used to control bleeding and gingival crevicular fluid. It contains no epinephrine, is non-toxic and highly safe to use. The tissues involved return to their normal condition within 1 hour.

Indication:

- Indicated for hemostasis and gingival retraction, acting as an adjunct during cavity preparations for restorative or prosthetic purposes, when a bleeding-free field is required. It is also used in combination with retractor wires to increase retraction power.

Provisory Temporary cement

Zinc oxide and eugenol-based cement for temporary fixation of prosthetic work. It forms a thin film with excellent fluidity and high flow to allow the restoration to be seated easily. It has adequate strength to withstand masticatory loads, low solubility to oral fluids and is easy to remove when necessary.

Indication:

- Indicated for the provisional cementation of single or multiple prosthetic works (crowns, fixed prostheses, inlays and onlays).



High resistance, withstands masticatory loads without deformation



Low solubility and easy removal



Contains eugenol: anti-inflammatory action



Radiopaque



Presentation:

- 1 Tube of base paste with 50 g, 1 tube of accelerator paste with 15 g and 1 spatulation block

Provisory NE

Non-eugenol temporary cement

Cement based on zinc oxide and organic acids, without eugenol, for temporary fixation of prosthetic work. It forms a thin film with excellent fluidity and high flow to allow the restoration to be seated easily. It has adequate strength to withstand masticatory loads, low solubility to oral fluids and is easy to remove when necessary.

Indication:

- Indicated for the provisional cementation of single or multiple prosthetic works (crowns, fixed prostheses, inlays and onlays).



High resistance, withstands masticatory loads without deformation



Low solubility and easy removal



Radiopaque



Presentation:

- 1 Tube of base paste with 50 g, 1 tube of accelerator paste with 15 g and 1 spatulation block

Pericem Non-eugenol surgical cement

Surgical cement for use after periodontal surgery, which offers safe local protection for surgical wounds, keeping them clean. The cement is produced by mixing the base paste and accelerator paste at the time of use. It has an excellent texture and plasticity after setting, a mint flavor and does not contain eugenol, ensuring that its use is not irritating to the oral mucosa.

Indication:

- Indicated as a periodontal dressing to protect sutures from periodontal surgery.

- ✓ **Excellent plasticity**, great protection for surgical wounds, keeping them clean
- ✓ **Composition with flavor:** Mint
- ✗ **No eugenol**, ensuring its use does not irritate the oral mucosa
- 1 **Excellent setting time:** 2 to 3 minutes



Presentation:

- 1 Tube of base paste with 90 g, 1 tube of accelerator paste with 90 g and 1 spatulation block

Surgical Aspirator

Disposable surgical aspirator



The surgical aspirator offers greater safety in procedures, reducing the chances of contamination for both the professional and their patients.

Indication:

- Used in periodontics, implants, dental surgery and minor medical surgery.

💧 Suction of blood and fluids

🛡️ Individually sterilized package

👍 Fits perfectly in the hose

Presentations:

- 20 aspirators
- 40 aspirators

Odontological Aspirator with Bone Collector

Disposable surgical aspirator



The Odontological Aspirator with Bone Collector offers greater safety in procedures, reducing the chances of contamination for both the professional and their patients.

Indication:

- Used in periodontics, implants and oral maxillofacial surgery.

Presentation:

- 10 aspirators and 20 collectors

maquira®



Category

DENTISTRY AND
ESTHETICS

Treatment and esthetics for healthy smiles.

5% Acid Gel

Hydrofluoric



Acid Gel 5% is a conditioner based on hydrofluoric acid, at a concentration of 5%, for conditioning dental ceramic surfaces and increasing the retention capacity of resin materials.

- Indication:**
- Conditioning dental porcelain for adhesion in ceramized glass restoration processes.

Vitreous ceramic based on lithium disilicate: 20 seconds

- Presentation:**
- 1 Syringe with 2.5 mL and 2 tips

10% Acid Gel

Hydrofluoric



Acid Gel 10% is a 10% hydrofluoric acid-based gel for conditioning dental ceramic surfaces and increasing the retention capacity of resin materials.

- Indication:**
- Surface conditioning of dental porcelain for adhesion in restoration processes with feldspathic porcelain and ceramic glass.

Machined ceramized glass: 1 minute

- Presentation:**
- 1 Syringe with 2.5 mL and 2 tips

37% Acid Gel

Phosphoric



Acid Gel is a conditioner based on 37% phosphoric acid for conditioning the surface of enamel and dentin.

- Indication:**
- Indicated for enamel and dentin surface conditioning.

Easy removal after application

Excellent viscosity

- Presentation:**
- 3 Syringes with 2.5 mL each and 3 tips

Bond 2.1

Two-step adhesive system



Bond 2.1 incorporates the two components, primer and bonding agent, in a single bottle, simplifying clinical procedures with excellent results in terms of bond strengths.

- Indication:**
- Bond 2.1 is indicated for:**
- Direct restorations of light-curing resins.
 - Indirect restorations: inlay, onlay and laminates.
 - Restorations with intra-radicular retainer (when used together with a resin cement).
 - Prosthetic restorations: single crowns and fixed prostheses with more elements.

Excellent adhesive resistance

Light-curing in 20 seconds
*Using a polymerizer with a power greater than 1200 mW/cm²

- Presentation:**
- 1 Bottle with 4 mL, 5 mL or 6 mL


Applic Flow

Fluid composite
light-cured resin


Applic Flow is a light-cured, micro-hybrid, aesthetic composite resin for restoring anterior and posterior teeth. The use of methacrylic monomers, silanes and fillers with an appropriate particle size distribution are combined to provide a product with satisfactory physical, mechanical and optical properties for the professional.

Indications:

- Restorations of minimally invasive preparations;
- Sealing of pits and fissures;
- Lining of direct restorations;
- Class III and IV restorations;
- Tunnel-type preparation;
- Repair of enamel defects;
- Restoration of deciduous teeth;
- Bonding of dental fragments;
- Repair of composite resin;
- Sealing of non-carious cervical lesions;
- Planning of preparation walls.

 **Excellent adaptation** in hard-to-reach cavities

 **High shining power**

 **Color stability and durability**

Presentation:

- 1 Syringe with 2 g and 5 tips
- Available in colors: A1, A2, A3, A3.5 and B2




Applic

Light-cured nanohybrid
composite resin


Nanohybrid composite resin for restoring anterior and posterior teeth. The use of methacrylic monomers, silanes and fillers with appropriate particle size distribution are combined to provide a product with physical, mechanical and optical properties satisfactory to the professional. It has adequate radiopacity and fluorescence balanced with the tooth structure.

Indications:

- Indicated for direct and indirect restoration of anterior and posterior, permanent and deciduous teeth, bonding tooth fragments, reducing or closing diastemas, correcting structural defects or changing the shape or color of a tooth.

 **Excellent consistency** easy to control during handling

 **Optimal polishing** to improve the shine and longevity of restorations

 **System with 14 colors compatible with the vita classical scale**

Presentation:

- 1 Syringe with 4 g
- Available in colors: DA1 | DA2 | DA3 | DA3,5 | DB2 | EA1 EA2 | EA3 | EA3,5 | EA4 | EB1 | EB2 | EB3 | EC2 | INCISAL



Diamond Universal


Diamond polishing paste


Universal polishing paste made with extra fine-grained micronized diamond. Offers excellent results in polishing and shining porcelain, dental enamel, resins, composites, and other restorative materials.


Indication:

- Indicated for finishing and polishing the surfaces of restorative materials in general.



 **Extra fine granulation** produced with micronized diamond particles

 **Excellent performance** and high brightness capacity

 **Excellent affinity with water** and easy to remove after use

Presentation:

- 1 Syringe with 2 g and 3 tips

Fiber Post

Fiberglass post

Fiber Post is an intraradicular reinforcement post made from a matrix based on fiberglass and epoxy resin. It has high mechanical strength, aesthetics, translucency and radiopacity. Its double taper allows it to adapt better to root canals without requiring greater wear to the tooth structure.

Indication:

- Fiber Post is indicated for the reconstruction of teeth with significant coronal destruction and satisfactory endodontic treatment. It helps support and anchor restorations, providing retention and resistance to the final restorative material (in the case of direct restorations) or in filling cores (for indirect restorations).

Step by step:



Step 01
Instrumentation and obturation of the canal of the endodontically compromised tooth.



Step 02
Clean the post with alcohol and dry. Apply a coat of Silano (Maquira) to the entire surface of the post and leave to dry for one minute. Apply a layer of Bond 2.1 adhesive (Maquira).



Step 03
Condition the root canal with 37% phosphoric Acid Gel (Maquira) for 15 seconds.



Step 04
Apply a layer of Bond 2.1 adhesive (Maquira) and photoactivate for 20 seconds.




Step 05
Insert the Dual Force resin cement (Maquira) into the root canal




Step 06
Insert the post into the canal and light-cure the cement.



Step 07
Construction of the core and finalization of the restoration.

 **Optimum translucency** allows polymerization of resin cements

 **High resistance,** favoring the shine and longevity of restorations

 **Available in sizes:** Nº 0.5 / 1 / 2 / 3

Presentation:

- Pack with 5 posts (size No. 0.5, 1, 2 or 3)



longlass C Glass ionomer for cementation

longlass C is a self-curing glass ionomer cement for fixing crowns, bridges, orthodontic bands, and prosthetic parts in general. When the powder is mixed with the liquid, a fluid paste is formed, which is easy to apply and has excellent adhesive resistance to enamel and dentin. Excellent biocompatibility and low risk of sensitivity.

Indication:

- Fixing crowns, bridges, orthodontic bands;
- Temporary cementation of prosthetic parts in general.

- Excellent adhesion to enamel and dentin
- Ideal fluidity optimum consistency for handling
- Fluoride release and recharge

Handling time:

- Mixing Up to 40 seconds
- Working Up to 3 minutes
- Setting 6 minutes



Presentation:

- 1 Bottle of longlass C powder with 15 g, 1 bottle of longlass C liquid with 10 mL, 1 measuring spoon and 1 spatulation block

longlass R Glass ionomer for restoration

longlass R is a highly resistant, aesthetic, self-curing glass ionomer with adequate viscosity, suitable for restorative work. It has excellent biocompatibility, low risk of post-operative sensitivity, excellent marginal sealing in the cavity, and inhibits the formation of cracks.

Indication:

- Indicated for the ART technique (atraumatic restorative treatment) in all classes of restorations, provisional restorations in permanent teeth (classes I, II, III, and IV), the base of definitive restorations, non-carious lesions, and provisional cementation of prosthetic pieces.

- Optimum marginal seal in the cavity
- Available in colors: A2 and A3
- Fluoride release and recharge

Handling time:

- Mixing Up to 1 minute
- Setting 6 minutes



Presentation:

- 1 Bottle of longlass R powder (A2 or A3) with 10 g, 1 bottle of longlass R liquid with 8 mL, 1 measuring spoon and 1 spatulation block

longlass Photo

Light-cured glass ionomer cement

Light-cured glass ionomer composite, ideal for applications in cavity bases, sealing extended fissures, and restoring small lesions. Provides high adhesive strength in enamel and dentin layers and excellent resistance to flexion and compression. Available in a single-component syringe, practical for handling, with universal opaque pigmentation, which allows for aesthetically desirable restorations.

Indication:

- 3 types of procedure



Cavity bases in all restorative materials



Sealing extended pits and fissures



Restoring small lesions



Optimum adhesion to enamel and dentin, due to its chemical composition, the product offers optimum adhesion without the need for pre-treatment with acidic agents



High polymerization capacity, more resistant material



Universal opaque color allows aesthetically favorable restorations

Presentation:

- 1 Syringe with 2.5 g and 5 tips



ANVISA REG. No.: 80322409015

Procedure for lining or base with longlass Photo

Step by step by Prof. Dr. Luis Felipe Schneider



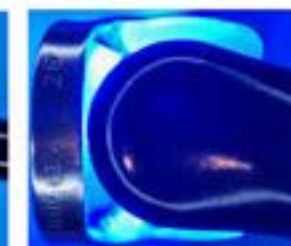
1

After removing the decayed tissue or poor restoration, clean and dry the remaining cavity



2

Apply a thin layer of longlass Photo to the deepest area and photoactivate for 20 seconds.



3

Apply the treatment recommended by the adhesive system manufacturer.

If phosphoric acid treatment is recommended on dentin and enamel, proceed for 15 seconds on dentin and 15 to 30 seconds on enamel. Wash and dry each substrate properly and apply the adhesive system as recommended by the manufacturer and photoactive.

If opting for a universal or self-adhesive system, apply directly to the dental tissues in the manner recommended by the manufacturer, and photoactivate.



4

Proceed to make the composite resin restoration according to the technique indicated or your preference.





longlass Photo Blue


Light-cured glass ionomer cement

Light-curing glass ionomer composite, ideal for **cavity base applications, sealing extended fissures and restoring small lesions.**

It provides high adhesive strength in enamel and dentin layers and excellent resistance to bending and compression.

 **Optimum adhesion to enamel and dentin,** due to its chemical composition, the product offers optimum adhesion without the need for pre-treatment with acidic agents

 **High polymerization capacity,** more resistant material

 **Blue color** makes it easier to see when the tooth needs to be opened again

Presentation:
• 1 Syringe with 2.5 g and 5 tips

ANVISA REG. No.: 80322409015



Step by step

Lining or base procedure with longlass Photo Blue



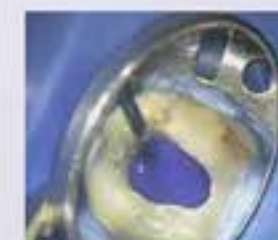
Initial case



After removing the decayed tissue or deficient restoration, the remaining cavity is cleaned and dried



Apply a thin layer of longlass Photo Blue to the deepest area and photoactivate for 20 seconds



Application of Phosphoric Acid Gel Maquira on dentin for 15 seconds and 15 to 30 seconds on enamel



After removing the Acid Gel, the adhesive system is applied as recommended by the manufacturer and photoactive



Finishing the restoration with composite resin



longlass

FILL LC

longlass Fill LC is a resin-modified glass ionomer with dual curing (photoactivated and chemical) and radiopaque. Its fluoride-loaded composition eliminates marginal infiltrations and strengthens the enamel, justifying its use in cementing bands. longlass Fill LC also comes in aesthetic colors, favoring its application in different clinical situations.

Indication:

Suitable for any area without occlusal loads that could cause shear stress. Due to its high adherence to tissues, resin-modified glass ionomer cement allows for the elimination of marginal infiltrations and the release of fluoride induces enamel strengthening, lining, trunnion reconstruction, cementation of cores and posts and anterior and posterior restorations in deciduous teeth.



Class V erosion and abrasion, class III and V carious lesions



Lining and reconstruction of trunnions



Core and pin cementations



Low polymerization contraction (<0.9%)



Dual cure (chemical and photoactivated)



Product radiopaque



Ideal for deep cavities, high mechanical resistance

Presentation:

- 1 Bottle of longlass Fill LC powder with 5 g, 1 bottle of longlass Fill LC liquid with 5 mL, 1 powder dosing spoon and 1 spatulation block.

ANVISA REG. No.: 80322400094



The power of
protection
and aesthetics
in one single
product!



Available in colors:
A1, A2 and A3.

Master Temp Bisacrylic resin

Master Temp is a self-curing resin composite.

Indications:

- Making long-lasting aesthetic provisionals, such as inlays, onlays, crowns, veneers and bridges.
- Relining prefabricated resin restorations.
- Mock-up procedures (simulations of prostheses, such as laminates).



Practical application

Easy polishing

Range of colors

Presentations:

- 1 Syringe with 7 g and 5 tips.
 - 1 Cartridge with 75 g and 10 tips
- Available in colors A1, A2, A3, A3, B1 and BLEACH



Maxdam Light-cured gingival barrier



Maxdam acts to avoid the discomfort of hydrogen peroxide or whitening gel, guaranteeing a better result in tooth whitening treatment, acting as a light-curing gingival barrier that replaces the rubber sheet when isolation of the gums is relative.

Indications:

- Indicated for the protection of gum tissue, replacing the rubber sheet in cases where the clinical procedure may cause some discomfort or irritation due to contact with the products used.

Easy removal comes off completely

Excellent sealing does not move around

Presentations:

- Maxdam Blue - 1 Syringe with 2 g and 3 tips
- Maxdam Green - 1 Syringe with 2 g and 3 tips

Silane Coupling agent



A coupling agent designed to increase chemical adhesion between organic materials, adhesives containing methacrylic monomers and inorganic materials, such as ceramics, composite resin, fiberglass pins and ceramics containing a glass phase. Its use is essential because the strength of the composite is determined by the adhesive strength between the filler and the matrix.

Indications:

- Indicated as a coupling agent to increase chemical adhesion between organic materials (adhesives, cements, and resins) and inorganic materials (ceramics containing a glass phase) and for surface treatment of fiberglass posts and indirect use composite resins.

Up to 30% increase in adhesive capacity

Presentation:

- 1 Bottle with 5 mL

maquira®



Category

ENDODONTICS

Treatment and diagnosis of dental pulp and root canals.

Chlorhexidine Gel and Solution

Chlorhexidine Gel: is an antiseptic with antibacterial activity that is effective against gram-positive and gram-negative bacteria (including Pseudomonas), fungi, yeasts and some dermatophiles. Its viscosity means that the product does not run off at the time of application and remains inside the oral cavity.

Chlorhexidine Solution: is an antiseptic with antibacterial activity that is effective against gram-positive and gram-negative bacteria (including Pseudomonas), fungi, yeasts and some dermatophiles.

Indication:

- Chlorhexidine Gel: Indicated for disinfecting cavity preparations, crown preparations and inlays.
- Chlorhexidine Solution: Indicated for the disinfection of cavity preparations, crown preparations, inlays, antisepsis of the hands of the professional, auxiliary personnel, prior extra-oral antisepsis in areas that will undergo surgical intervention, surfaces and instruments.

✓ **Low toxicity**
no damage to
periapical tissues

💧 **Does not interfere**
with the adhesion
of the union
agents



Presentations:

- Gel: 2 Syringes with 3 g each and 6 tips
- Solution: 1 Bottle with 100 mL

GEL - ANVISA REG. No.: 80322400063
SOLUTION - ANVISA REG. No.: 80322400102

EDTA Trisodium Gel and Solution

EDTA is generally accepted as the most effective chelating agent. Inside the pulp cavity, it acts on the dentin walls, demineralizing them and making them less resistant to the action of endodontic instruments, which facilitates canal preparation. It also efficiently removes dentin sludge, increasing dentin permeability.

Indication:

- EDTA is used to widen root canals, remove the smear layer, and prepare the dentin wall for the adhesion of filling materials.

🦷 **Easy to apply,**
ready to use

✓ **Gel with adequate**
viscosity, does not flow



Presentations:

- Gel: 2 Syringes with 3 g each and 6 tips
- Solution: 1 Bottle with 20 mL

SOLUTION - ANVISA REG. No.: 80322400049
GEL - ANVISA REG. No.: 80322400051



Eucalyptol

Solvent for gutta-percha



Eucalyptol is a colorless or light yellow oleaginous liquid with a characteristic camphor aroma. Completely insoluble in water, easily soluble in 70% ethanol, miscible in absolute alcohol and fatty oils.

Indication:

- Solvent for gutta-percha cones, helping to remove fillings from root canals.

Completely insoluble in water

High degree of purity

Presentation:

- 1 Bottle with 10 mL

Orange Oil

Solvent for gutta-percha



Essential oil extracted from the peel of the sweet orange, volatile and with a pleasant odor. It has the capacity to dissolve gutta-percha, zinc oxide cement and eugenol, with or without association. It is biocompatible, has no harmful effects on health, is not very soluble in water, but is easily removed from the inside of the canal by surfactants.

Indication:

- Solvent for gutta-percha.

High dissolution rate of gutta percha

Presentation:

- 1 Bottle with 10 mL

Endo Ice

Endo Ice is used for vitality testing because it has the ability to cool when applied to a surface (cotton). The cooled part, when placed on the tooth, is perceived by the patient if the tooth has vitality. If the tooth has lost its vitality, the patient will not feel the icy sensation, which confirms the purpose of the product.

Indication:

- Vitality test spray with a minty scent.

More effective diagnosis for endodontic treatments

Minty aroma



Presentation:

- 1 Bottle with 200 mL



Endosealer Root canal sealant

Endosealer is designed for root canal obturation, with adequate setting time and radiopacity for clinical application. It is presented in powder and resin form for easy handling.

Indication:

- Endosealer is a product indicated for root canal obturation.

Final result:

Demonstration of the material's radiopacity

Low solubility

Suitable for posterior teeth

Ideal fluidity optimum consistency for handling



Presentation:

- 1 Bottle of Endosealer powder with 8 g and 1 tube of Endosealer resin with 9 g

ANVISA REG. No.: 80322409020

Endosealer Premium Root canal sealant

Endosealer Premium is intended for root canal obturation, with adequate setting time and radiopacity for clinical application. Its composition without bismuth radiopacifiers allows safer clinical procedures, without darkening and graying in the post cure.

Indication:

- Endosealer Premium is a product indicated for root canal obturation.

Step by step:



Step 01
Dosage of powder plus liquid.



Step 02
Incorporate the powder into the liquid to obtain a smooth, homogeneous mixture.



Step 03
Homogenization process.



Step 04
Ideal consistency for application.



Step 05
Application to the gutta percha cone.



Step 06
Radiographic image of the clinical case.

Ideal for anterior teeth

Ideal fluidity optimum consistency for handling

Appropriate setting time

No color change after curing

Presentation:

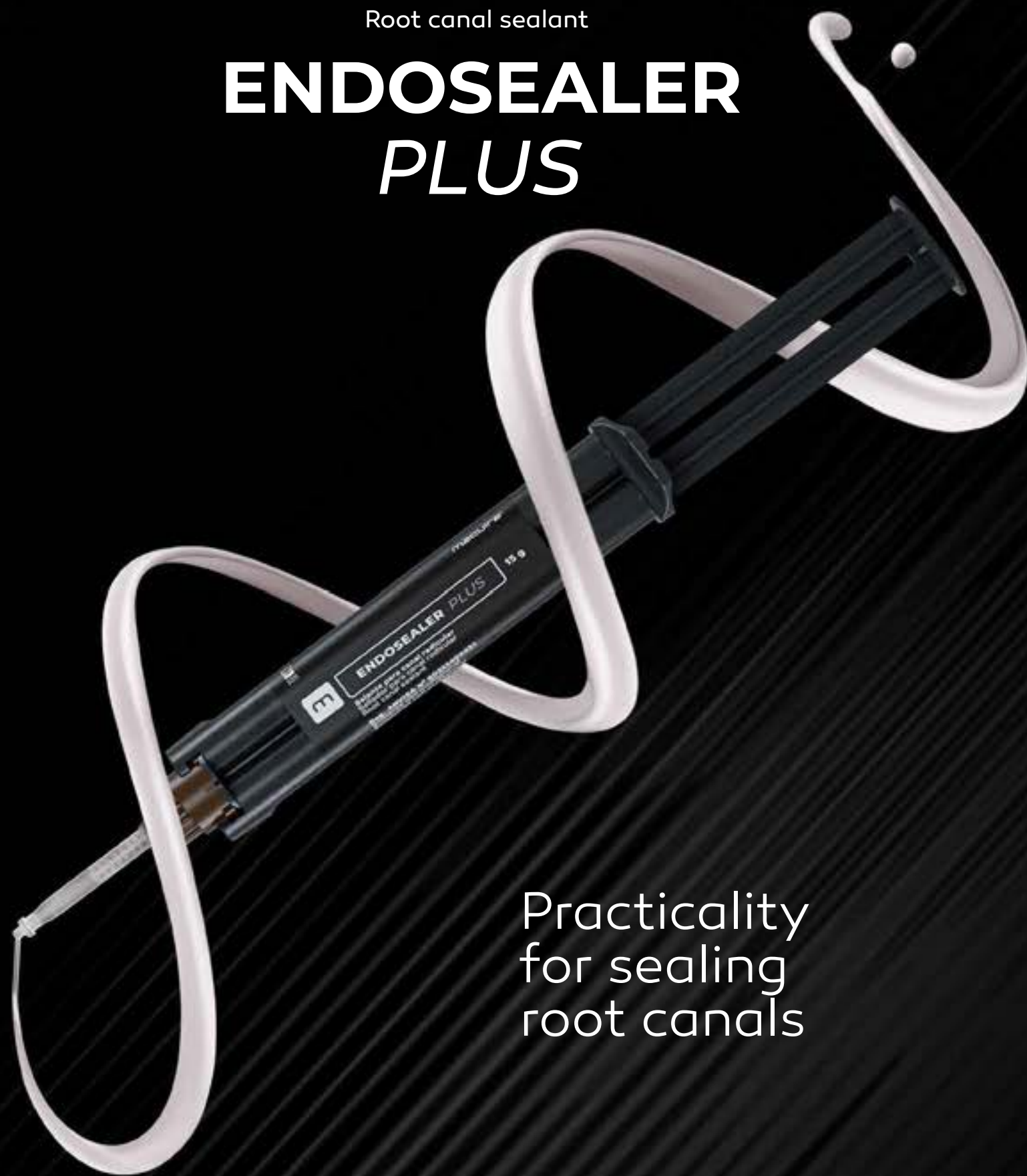
- 1 Bottle of Endosealer Premium powder with 8 g and 1 tube of Endosealer Premium resin with 9 g



ANVISA REG. No.: 80322409021

Root canal sealant

ENDOSEALER PLUS




Practicality
for sealing
root canals


Endosealer Plus Root canal sealant


Endosealer Plus is a root canal sealer with an epoxy-amine resin reaction system with outstanding physical and chemical properties. It features a homogenization system in auto-mixing tips, making it possible to apply it directly into the root canal, saving time and material. It has excelente radiopacity, favoring observation of the clinical field in radiographic images.

Indication:

- Endosealer Plus is a product intended for the permanent filling of root canals, in combination with gutta percha cones.

 Practical application: auto-mixing tips

 Use of T-mixer tips: prevents waste

 Excellent setting time

 High radiopacity

**Presentation:**

- Double-body syringe with 15 g and 20 applicator tips.

ANVISA REG. No.: 80322409023



Release

76 | Endodontics

MTA

MTA Maquira Reparative Cement

MTA Maquira is a calcium silicate-based bioceramic cement with particles of an extremely fine, radiopaque inorganic powder and distilled water which, when they react, form substances that promote the curing of the final mixture.

Indications:

MTA Maquira is a product indicated for sealing and repairing pulp and periradicular carious or non-carious lesions, as in the following dental procedures:

- Root perforation (canal and furcation);
- Root perforation due to internal resorption;
- Pulp capping;
- Pulpotomy;
- Apicogenesis;
- Apicification;
- Retrobturation.

More efficient
cementing
procedures with
long-lasting
results



Low solubility: can be used directly on the pulp and periapical tissues.



Tissue biocompatibility: can be used directly on living tissue.



It has hydrophilic properties.



Antibacterial action



High radiopacity that allows for subsequent radiographic control.

Presentation:

- 2 Microtubes of MTA Maquira powder with 0.14 g each and 1 bottle of MTA Maquira liquid with 3 mL.

Presentation:

- 1 Bottle of MTA Maquira powder with 1 g, 1 bottle of MTA Maquira liquid with 3 mL and 1 measuring spoon.



ANVISA REG.
No.:
80322409024

Eugenol

Temporary restorative



Eugenol is a colorless or yellow oleaginous liquid with a strong, aromatic clove-like odor and a pungent taste. In zinc oxide and eugenol pastes it has good biological compatibility, which can influence the repair of both the pulp organ and surgical wounds. Slightly soluble in water and completely soluble in alcohol, ether, chloroform, fixed oils and glacial acetic acid.

Indication:

- Eugenol is used in the composition of various dental products, such as in eugenolic zinc oxide pastes, with the formation of endodontic cements and in temporary restorative cements, with the function of analgesic and antiseptic.

Presentation:

- 1 Bottle with 20 mL

Formocresol

Pulp therapy for deciduous teeth



Solution made up of a mixture of cresols and formaldehyde, it is a fixative for live pulps, keeping them inert and making it possible to preserve the deciduous tooth until its physiological decay (pulpotomy). Powerful antimicrobial agent with the ability to neutralize toxins present in the root canal.

Indication:

- Indicated for pulp therapy of deciduous teeth and in some specific cases of permanent teeth.



Its function is to fix the living pulps, keeping them inert and making it possible to preserve the deciduous tooth

Presentation:

- 1 Bottle with 10 mL

Fill Canal

Root canal filling cement

Fill Canal is a root canal filling material that works through the basic reaction between its main components: zinc oxide (powder) and eugenol (liquid). It has good tissue tolerance, radiopacity, and impermeability. It is very fine-grained, providing a homogeneous, creamy, and lump-free mixture.

Indication:

- Indicated for filling root canals.



Main components

Zinc Oxide (powder) + Eugenol (liquid)



Homogeneous, creamy and lump-free texture



Presentations:

- Powder - 1 Bottle with 12 g
- Liquid - 1 Bottle with 10 mL
- Kit - 1 Bottle of Fill Canal powder with 12 g and 1 bottle of Fill Canal liquid with 10 mL



Hidro-cal Light-cured calcium hydroxide

Hidro-cal has important properties such as: biocompatibility and antibacterial action, through enzyme inhibition and changes in the cell wall, anti-inflammatory action, activation of the tissue enzyme alkaline phosphatase, which induces the formation of mineralized bone tissue and therefore contributes to the repair process.

Indication:

- Hidro-cal provides a protective lining under restorative materials, cements and other base materials as an opacifier for metals and reactive dentin.

Clinical case:




01
Decayed tissue





02
Application of Hidro-cal




03
Finishing with Applic
Light-cured Nanohybrid
Composite Resin

 **No waste**, tips that help apply the product in the required quantity

 **Radiopaque** facilitating diagnosis in x-ray examination

 **Does not change the color of the restoration**

 **Available in colors:**
• White
• Dentine

 **Light-curing**
20 seconds

 **Eugenol-free**

Presentation:

- 1 Syringe with 2 g and 5 tips



Hydcal Calcium hydroxide cement

Hydcal is produced from calcium hydroxide through the reaction of two components: base paste and catalyst paste. It is used for cavity lining and pulp protection in restorative procedures, without inhibiting the polymerization of composite resins. It has a high resistance to dissolution by phosphoric acid, is produced in a color similar to that of dentin, to prevent it from influencing the color of restorative materials, and is radiopaque.

Indication:

- Indicated for pulp capping and as a lining for dental cavities under restorative materials or other cements.

Step by Step:



Step 01
Determination of the 1:1
ratio of base and catalyst
pastes



Step 02
Mixing the base and
catalyst pastes




Step 03
Asepsis of the
application area





Step 04
Curettage of the
homogenized product



Step 05
Application of calcium
hydroxide cement

 **High resistance**
to dissolution
by phosphoric
acid

 **Radiopaque**
facilitating
diagnosis in x-ray
examination

 **Dentin-like**
coloration

Presentation:

- 1 Tube of base paste with 13 g, 1 tube of catalyst paste with 11 g and 1 spatulation block



Calcium Hydroxide P.A

Dentin liner



Intracanal medication consisting of 100% pure calcium hydroxide in powder form. Used in cases of live pulp or necrotic pulp with or without apical periodontitis, as a pulp capping material in accidental pulp exposure and pulpotomies. It also promotes periapical repair by depositing mineralized tissue.

Indication:

- Indicated as an intracanal curative material. When it stimulates the formation of reparative dentin, consequently increasing its thickness, it provides greater protection for the pulp tissue.

 **Inhibits bacterial proliferation**

 **Active principle for pulp capping**

Presentation:

- 1 Bottle with 10 g

Iodoform

Component for root canal filling paste



Iodoform is presented in the form of small, bright yellow crystals that evaporate at room temperature and volatilize with water vapor. It has a high iodine content, around 96%, which, when released, has an excellent antimicrobial effect.

Indication:

- Iodoform, associated with intracanal medication, acts in the treatment of refractory periapical lesions, combating *E. faecalis*, in the repair of the periapical lesion by inducing bone neoformation, favors radiographic visualization as it is highly radiopaque and promotes mild analgesia.

 **High degree of purity**

Presentation:

- 1 Bottle with 10 g

Paramonochlorophenol Camphorate

Antiseptic and analgesic agent



Colorless or light yellow liquid with a characteristic camphor aroma. The presence of phenol and chlorine in its composition gives it antiseptic action and a broad antimicrobial spectrum. Camphor reduces the irritant action of the phenolic derivative, resulting in a substance with low aggression to living tissues at the concentration presented.

Indication:

- Used as an antiseptic and analgesic, and as an intracanal medication.

 **Contains volatile components**

Presentation:

- 1 Bottle with 20 mL

Zinc Oxide


Temporary restorative




Zinc oxide is used as a temporary restorative material, for cementation and lining.

Indication:

- Used for cementing and lining;
- Temporary restorative material.

 **Polishing and cleaning:** dental enamel, cohesive gold and amalgam.

 **Extra fine powder:** grayish powder with low density

Presentation:

- 1 Bottle with 50 g

Silicone Stop

Silicone for marking



Non-toxic, odorless silicone cursor for marking the size of endodontic files and drills in root canal preparation, indicating the depth of use of the file or drill. Product can be sterilized in an oven or autoclave.

Indication:

- Positioning of endodontic files and drills as a reference for measuring canal depth.

Used in drills
(Gates | Largo | Limas)

Thickness of
1.5 mm ± 0.2 mm

Oven:
up to 180 °C

Autoclavable
up to: 137 °C

Presentation:

- 100 units

Tricresol Formalin

Root canal disinfection and obturation



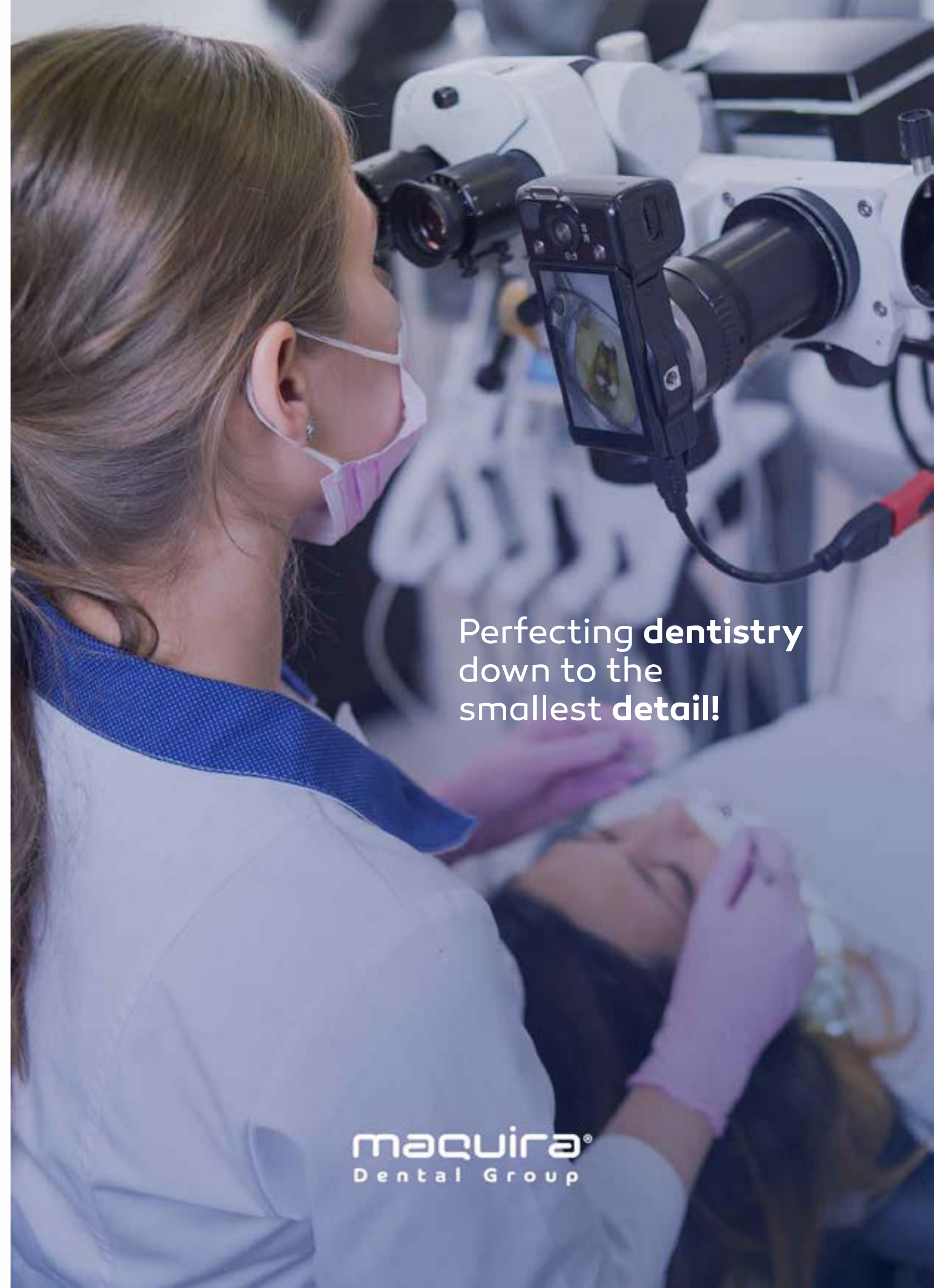
Solution composed of a mixture of cresols and formaldehyde, a highly effective tissue fixative and a powerful antimicrobial agent. Capable of neutralizing toxins present in the root canal. It has an effect both through direct contact and at a distance through the release of active vapors.

Indication:

- Tricresol Formalin is indicated in cases of necropulpectomy in which the root canal has not been instrumented or has been partially instrumented.

Presentation:

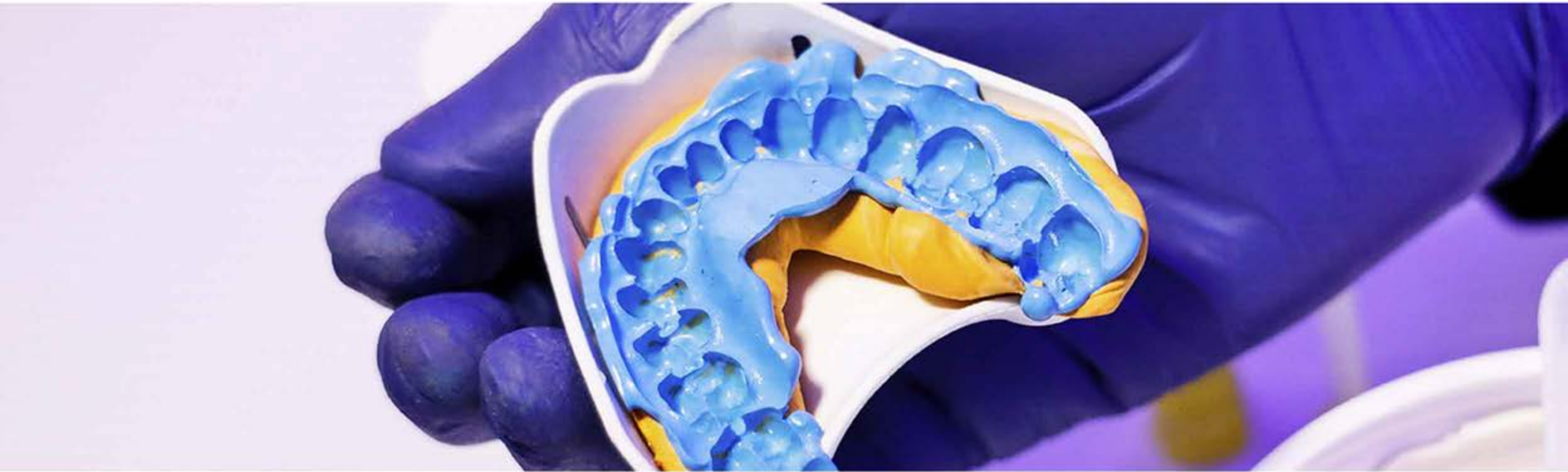
- 1 Bottle with 10 mL



Perfecting **dentistry**
down to the
smallest **detail!**

maquira®
Dental Group

maquira®



Category

IMPRESSION

Models and precision down to the smallest detail.

Algi-gel Alginate for impression

Algi-gel is a type II impression alginate (normal setting).

Indication:

- Indicated for total or partial moldings of toothed and edentulous mouths, in the work of total or partial removable prostheses, in the making of study models for orthodontic work and moldings for the making of single and multiple restorations, crowns and fixed bridges.

Step by step:



Step 01
Impression material



Step 02
Pour in the powder measure (10 g) and then add the water (19 mL)



Step 03
Spatulate for 1 min so that the mixture becomes homogeneous and creamy




Step 04
Select the desired tray and insert the product



Step 05
Place the tray in the desired location and copy all the areas




Step 06
Final impression result

 **Excellent reproduction of the details of the oral cavity**

 **Dustless**

 **Great Tutti-Frutti flavor**

 **High compressive strength**

Presentations:

- Pack with 410 g or 454 g



Flex-sil Condensation silicone

Flex-sil is a impression system based on polysiloxane, a condensation-type silicone elastomer.

Indication:

- Indicated for impressions of dental arches using both the double impression technique and the simultaneous impression technique, for impressions for fixed and removable prostheses, orthodontics and study models.



Excellent compatibility with gypsum plaster



High detail reproduction capacity



Favorable setting time for handling

Presentations:



• 1 Flex-sil Fluid with 120 g



• 1 Flex-sil Catalyst with 50 g



• 1 Flex-sil Putty with 500 g
• 1 Measuring spoon



• 1 Flex-sil Putty with 1 kg
• 1 Measuring spoon



• 1 Flex-sil Putty with 1 kg (or 500 g)
• 1 Flex-sil Catalyst with 50 g
• 1 Flex-sil Fluid with 120 g
• 1 Measuring spoon

Impression AD Addition silicone

Impression AD is a silicone-based impression material suitable for inlays, onlays, crowns and multiple-element prostheses, removable partial dentures, complete dentures and implants, and can be used in the double impression or simultaneous impression technique.

Characteristics:

- Together, the putty paste and the fluid paste provide precise impressions. The line's contrasting colors allow for easy-to-see mouth impressions after setting, and, in addition, the excellent dimensional stability and high reproduction of details lead to stable and faithful impressions of the entire molded region.

 High elastic recovery



Our Impression AD filler silicone features MIXPAC™ T-Mixer tip technology, delivering a more homogeneous product and making it easier to use the filler silicone.

Presentations:



- 01 Cartridge of Impression AD Light Body with 50 mL
- 06 Mixing tips
- 02 Intraoral tips



- 01 Cartridge of Impression AD Regular Body with 50 mL
- 06 Mixing tips
- 02 Intraoral tips



- 01 Pot of Impression AD Putty (base) with 300 mL
- 01 Pot of Impression AD Putty (catalyst) with 300 mL
- 02 Measuring spoons



- 01 Pot of Impression AD Putty (base) with 300 mL
- 01 Pot of Impression AD Putty (catalyst) with 300 mL
- 02 Cartridges of Impression AD Light Body with 50 mL each
- 10 Mixing tips
- 02 Intraoral tips
- 02 Measuring spoons



- 01 Pot of Impression AD Putty (base) with 300 mL
- 01 Pot of Impression AD Putty (catalyst) with 300 mL
- 02 Cartridges of Impression AD Regular Body with 50 mL each
- 10 Mixing tips
- 02 Intraoral tips
- 02 Measuring spoons

Impression Bite

Addition silicone for bite registration

Impression Bite is an addition silicone with a high final hardness. Its surface properties and optimized color allow optical registration in CAD/CAM systems to define the antagonist. It can be scanned on the scanner and many other CAD/CAM systems.

Indications:

- Indicated for antagonist registration, conventional occlusal registers in end occlusal, facial arch fork veneer, production of partial models, and key material for precision registration.

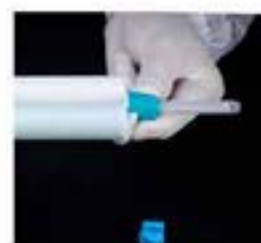
Step by step:



Step 01
Fit in the silicone dispenser



Step 02
Before fitting the tip, dispense a small amount of the material



Step 03
Fit the application tip




Step 04
Apply Impression Bite to the occlusal surfaces



Step 05
Let the patient assume the desired occlusion



Step 06
Final result of the procedure

 **Excellent resistance to tearing and/or breakage**

 **Working time:** 30 seconds

 **Setting time:** 60-90 seconds

Presentation:

- 2 Cartridges with 50 mL each and 12 mixing tips



ANVISA REG. No.: 80322400143

Impression Die

Addition silicone for die models

Impression Die is an impression material from the line of silicones that polymerize by the addition reaction (vinylpolysiloxanes) and is indicated for the extra-oral fabrication of dental arch models (semi-rigid model). It allows indirect composite restorations to be made in dental practices and, due to its fluidity, is capable of reproducing details with great precision.

Indication:

- Extra-oral preparation of semi-rigid models of dental arches, teeth and cavity preparations.



High dimensional stability resulting in highly accurate models



No need for cut-outs

Presentation:

- 1 Cartridge with 50 mL and 6 mixing tips



ANVISA REG. No.: Product exempt from registration.



Addition silicone for the manufacture of guides

IMPRESSION GLASS



Impression Glass Addition silicone for the manufacture of guides

Impression Glass is a product based on addition silicone polymers. It is used for transparent silicone overlays in the laboratory, for composites and light-curing resins.

Indication:

Impression Glass is indicated for the manufacture of matrices for light-curing materials, copies of original dental anatomy to be restored, or copies of original dental anatomy for diagnostic wax-ups.

• Step by step:



01 | Initial stage of treatment



02 | Application of Impression Glass



03 | Final state of manufacture of the guide with Impression Glass



04 | Application of fluid composite resin



05 | Light-curing of fluid composite resin



06 | Final stage of treatment



Optimum translucency: allowing the composite resin to light-cure completely



Working time: 30 seconds



Setting time: 6 minutes



Presentation:

- 1 Double-body cartridge 1:1 of Impression Glass with 50 mL and 3 auto-mixing tips

ANVISA REG. No.: 80322400147

Elastomer Injector



Elastomer Injector is used to facilitate the handling and application of the elastomer, as well as preventing the formation of bubbles.

- Made of thermoplastic materials
- Avoids bubbles during application

Application nozzles are autoclavable 121 to 135 °C

Presentation:

- 1 Injection syringe, 2 application tips, 1 cleaning brush and 2 auxiliary parts.

Maquira Plastic Tray



Plastic trays are for dental use only, for impression molds of teeth. Used with alginates or any other impression material where detailed reproduction and dimensional stability are important.

- Autoclavable 121 °C
- Available in white color

Presentations:

Available from No. 1 to No. 8

- Pack with 2 units
- Kit - Pack with 2 units of each tray from No. 1 to No. 8

Retractor

Gingival retractor cord

Gum retraction cord made from cotton fibers that are not impregnated with chemical substances. It is knitted, which increases its flexibility and ability to absorb hemostatic substances, with packaging designed to make it easier for the dental professional to handle.

Indication:

- Indicated for gingival removal in various procedures in which dental impressions (moldings) need to be taken. Its use facilitates access to and visibility of the tissues being operated on, as well as helping to prevent damage to the gingival tissue.

Step by step:



Step 01
Selection and insertion of Retractor #0 at the inner base of the gingival sulcus



Step 02
Insertion of Retractor #2 at the outer edge of the groove to make room for the molding material



Step 03
Removal of the external wire for molding with silicone. Final result of the molding process

- Thickness
- #000 Ultra Extra Thin
- #00 Extra Thin
- #0 Thin
- #1 Medium
- #2 Thick

- Packaging with cutting area for greater practicality

- 100% cotton cord, better gingival accommodation

Presentation:

- 1 Bottle with 250 cm



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Category

ORTHODONTICS


Orthodontic treatment with comfort and practicality.

Bite Bite lifting composite

Resin for temporary dental disocclusion during orthodontic treatment.

Indication:

- Indicated for making bite lifts that will “unlock” the occlusal fit and favor the transversal correction of the patient’s bite.

 **Mechanical resistance** that helps the longevity of the procedure

 **Great consistency** for handling

 **Available in colors:**

- Blue
- Pink
- Transparent



Presentation:

- 1 Syringe with 4 g

Retainer Case

Scented case for storing dental appliances.



 **Made of thermoplastic resin**

 **With a Tutti-Frutti scent**

Presentations:

- 10 units - Pearly Blue, Pearly White, Silver or Pink
- 10 units - Multicolors

Case for Elastic



Case for storing intraoral and extraoral elastics.

Available in colors:
Orange, Blue, Green, Yellow and Pink



Presentation:
• Multicolors - 10 units

Orthodontic Wax



Scented orthodontic wax that, when placed on the bracket, creates a protective barrier, preventing discomfort from mechanical shocks that can cause small cuts to the lips.

Indication:

- Provides greater comfort when wearing fixed appliances by creating a barrier between the appliance and the lips, protecting them from mechanical shocks.

Minty aroma and non-toxic

Aesthetic (transparent material)

Presentation:
• 10 cases with 5 wax sticks each.

Floss Threader



Instrument used to help pass dental floss or tape under orthodontic arches and fixed bridges.

Ease in orthodontic treatment

Presentations:
• 1 unit with 50 conductors
• Kit - 10 units with 50 conductors each

Zip Bag for Elastics



Zip bag to store and organize orthodontic elastics.

Storage and organization of orthodontic elastics

Presentation:
• 1 Package with 50 units

priZma³⁰ Aligner Fill

priZma Aligner Fill is a high-performance light-curing resin specially developed to act as a pontic filler for thermoplastic aligners. With an ideal consistency for direct application to the pontic, this resin guarantees flexibility after polymerization, ensuring that the aligner's movements are not compromised, providing greater patient comfort.

Indication:

Ideal for orthodontists looking for an effective material for correcting and customizing aligners, priZma Aligner Fill fills and adapts the pontic with precision. Its post-curing flexibility provides a perfect fit without interfering with the movement of the aligner, making it an efficient solution for orthodontic treatments.



Exclusive and innovative



Allows perfect fitting



Comfortable for the patient



Corrects gaps without compromising movements

Presentation:

- 1 Syringe with 2 g and 5 tips.

ANVISA REG. No.: 80322400154



Orthodontic Solution

A1 | A2 | BL




Fix Orthodontic Adhesive


Light-cured orthodontic adhesive designed to promote the adhesion of metal, ceramic, and polycarbonate brackets to the surface of dental enamel during orthodontic treatment. It has a UV tracker, excellent handling properties and allows a two-stage clinical procedure – acid etching and bracket bonding.


Indication:


- Fix is indicated for bonding orthodontic brackets: Metal | Ceramic | Polycarbonate
- Fix also contains a UV fluorescent tracer, which activates when it receives UV light (390-410 nm), allowing the adhesive to be traced after the brackets have been removed.


Step by step:


1


2


3


4


5


6


Step 01
Application of Acid Gel (37% Phosphoric - Maquira) to condition the enamel for 15 seconds


Step 02
Removal of Acid Gel with a jet of water and air


Step 03
Apply Fix directly to the base of the bracket

Step 04
Positioning and adjusting the height and inclination of the brackets. They remain static on the teeth due to the excellent viscosity of Fix

Step 05
Light-curing the Fix for 20 seconds on the edges of the brackets

Step 06
Final appearance of the brackets bonded with Fix

 **Fluorescent tracer,** allowing selective adhesive removal

 **Ideal viscosity to keep the bracket in the correct position**

 **More agility and savings,** no need for adhesive 2.1

Presentation:

- 1 Syringe of Fix with 4 g, 1 syringe of Acid Gel with 2.5 mL and 1 tip



Fix Comfort Brackets protector and accessories

Fix Comfort is a light-cured, thixotropic resin that is easy to apply and creates a physical barrier over protruding or sharp fixed appliance components that could damage the soft tissues of the mouth, providing additional comfort for patients. A translucent product with low viscosity, it does not interfere with the aesthetics of the orthodontic appliance, makes it easier to apply, and increases its filling power.

Indication:

- Fix Comfort is used to protect and partially coat fixed appliance components (brackets, tubes, mini implants) that could cause injury to the soft tissues of the mouth, forming a rounded, comfortable layer for the patient.



Stays in place during maintenance



Ready for use



Light-cured 30 seconds



Presentation:

- 1 Syringe with 2 g and 5 tips

Fix LV Low viscosity orthodontic adhesive

Fix LV orthodontic adhesive is composed of methacrylate monomers and silica particles, which ensures better adhesion to the tooth surface. A light-curing product with low viscosity, it does not drip, allowing the professional to control the setting time of the material and install the archwires immediately after fixing the brackets.

Indication:

- Fix LV is a low-viscosity light-curing orthodontic adhesive that promotes the fixation of metal, ceramic and polycarbonate brackets by indirect bonding.



Low viscosity, does not run off the applied area



Ready for use



Light-cured 40 seconds

Presentation:

- 1 Syringe with 2 g and 10 tips

Maquinox Facial mask

Maquinox is a face mask used for jaw protraction in orthodontic treatments.

Indication:

- The face mask is used for maxillary protraction, exclusively for orthodontic treatment. It is intended for the correction of class III malocclusion, when the main objective is reverse traction of the maxilla. This is a mechanical, orthodontic and orthopedic procedure whose main function is to correct the dental/skeletal problem.

Available in colors:



Presentations:

- Blue - 1 unit
- Gray - 1 unit
- Pink - 1 unit



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Category

PREVENTION AND
PROPHYLAXIS


Prevention and prophylaxis for oral health.


Airon Bicarbonate


Airon Bicarbonate is a product developed for use in oral prophylaxis and plaque removal procedures in any blasting machine.

Indication:

- Sodium bicarbonate is an official product listed in the Brazilian Pharmacopoeia and has been fully developed for use in oral prophylaxis and plaque removal procedures in any blasting machine. Its granulometry and high degree of purity provide excellent quality for use, avoiding damage to enamel and gums.

 **High purity,**
extra fine
powder

 **Compatible with all**
blasting machines for
prophylaxis

 **Available in**
scents:
• Strawberry
• Natural

Presentations:



Fluoride Gel Neutral and Fluoride Maquira


Sodium fluoride





Fluoride Gel is intended to reduce the demineralization of tooth enamel, the number and potential of oral microorganisms and to promote the remineralization of enamel filaments.

Indication:

- It helps prevent tooth decay by slowing down the breakdown of enamel and accelerating the natural remineralization process of the enamel filaments.

 **Thixotropic gel**
Penetrates interproximal
areas

 **Available in**
scents:
• Acidulated:
Tutti-Frutti
• Neutral: Mint

 **Excellent viscosity,**
can be used with or
without a tray

Presentations:

- 1 Bottle with 200 mL - Neutral or Acidulated

Max Seal Opaque White and Max Seal Tinted


Light-cured pit and fissure sealant





Max Seal was developed to help prevent cavities and clean teeth, it has a low viscosity to facilitate flow across the surface. It has a source of fluoride, further aiding caries prevention.

Indication:

- Light-cured dental sealant used in pits and fissures of posterior deciduous and permanent teeth with complex anatomy to prevent caries.

 **Resistant barrier**
that makes it
difficult for plaque
and food debris to
adhere

 **Contains 2 sources**
of fluoride: Sodium
fluoride and Calcium
fluoride

 **Ready to use,** no
handling required

 **Light-cured:**
20 seconds

Presentations:

- 1 Syringe of Max Seal Opaque White or Max Seal Tinted with 2 g and 5 tips
- 5 Syringes of Max Seal Opaque White or Max Seal Tinted with 2 g, 1 syringe of Acid Gel with 2.5 mL and 6 tips


Prophylactic Paste




Prophylactic Paste that is abrasive enough to efficiently remove all types of debris from the tooth surface without causing undue abrasion to the enamel, dentin or cementum. As well as acting as a cleaning agent, it gives hard tissue an aesthetic and highly polished appearance.

Indication:

- Indicated for prophylactic cleaning to remove exogenous stains, plaque, albedo and oral debris.

 **Oil-free formulation,** does not damage the counter angle

 **Composition contains fluoride**

 **Excellent consistency,** does not run into the mouth cavity

 **Available in flavors:**
• Tutti-Frutti
• Mint

Presentations:

- Mint - Tube with 90 g
- Tutti-Frutti - Tube with 90 g


Pumice Stone




The Pumice Stone, with the aid of the rubber cup, polishes dental enamel, cohesive gold, amalgam and acrylic resin, leaving surfaces smooth and free of dirt.

Indication:

- Indicated for prophylactic cleaning to remove exogenous stains, plaque, albedo and oral debris.

 **Extra fine,** grayish powder with low density

 **Versatile,** can be used with water

Presentation:

- 1 Bottle with 100 g

Visucarie



Visucarie is a solution for diagnosing decayed tissue, as it can visualize the histological differences of the lesion.

Indication:

- Visucarie is indicated for the visualization and identification of decayed tissue.

 **Allows selective removal** of decayed tissue

 **Helps professionals not** to make unnecessary wear and tear

Presentation:

- 1 Bottle with 10 mL

Visuplac




Visuplac Solution has basic fuchsin in its composition, giving it a reddish color that helps to visualize bacterial plaque, identifying its presence even on apparently clean teeth.

Indication:

- Indicated for visualizing bacterial plaque.

 **Solution for topical use**

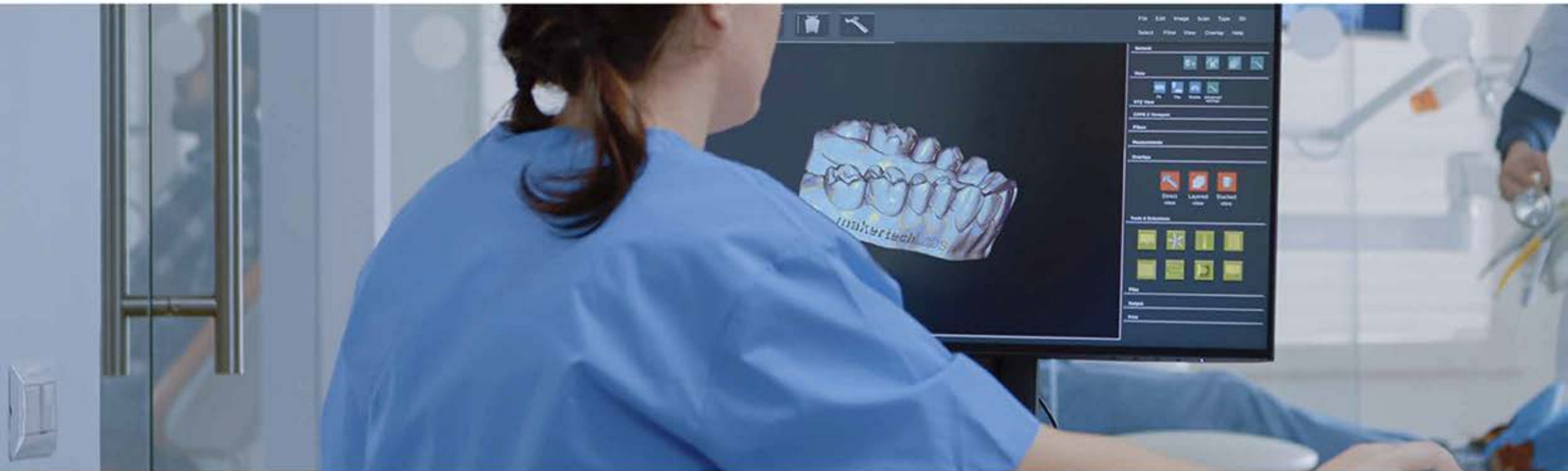
 **Reveals plaque,** making it easier to remove

 **Easy removal**

Presentation:

- 1 Bottle with 10 mL

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Category

RADIOLOGY

Positioners and radiographic image storage.

Film Pockets for X-Ray Films

Transparent plastic film for storing periapical radiographs.

Indication:

- Indicated for viewing and preserving radiographs.



Preserves X-rays and keeps them organized



Available in versions:
• 6 pockets and 14 pockets

Presentation:

- 6 Pockets - 1 unit



Presentation:

- 14 Pockets - 1 unit

Positioner Cone for Digital Sensor

Indicated for taking periapical radiographs of upper and lower teeth (orthoradial, mesioradial and distoradial) for the purposes of radiographic diagnosis and transoperative assessment in endodontic treatment using a digital sensor. The product has an adaptation clip for different sizes of digital sensors, facilitating compatibility with most commercial sensors.



(Dark Blue) For right maxillary premolar/molar and left mandibular premolar.



(Light Blue) For left maxillary premolar and right mandibular premolar/molar.



(White) For maxillary/mandibular incisors anterior teeth.



Product with lock adjustable to different commercial models of digital sensors.



Allows the perfect angle when taking X-ray images.



Autoclavable up to 135 °C.



Not compatible with sensors smaller than 32 mm in length and also larger than 42 mm.

Presentation:

- 1 Positioner for right maxillary upper premolar/molar and left mandibular molar;
- 1 positioner for left maxillary premolar and right mandibular premolar/molar;
- 1 positioner for maxillary/mandibular incisor anterior teeth;
- 18 adaptable silicone rings;
- 1 storage pot.



Cone Positioner

Cone Positioner is used for periodontics, it facilitates radiographic taking with or without absolute isolation. Helps guide the angle of the dental x-ray machine in periodontal procedures, resulting in standardized and clear radiographic images.

Kit pieces:



Bite Wings pieces

Periapical pieces

Lateral periapical pieces



Available in versions:

- Autoclavable
- Chemical



Pressure fins, keep the film stuck in the desired position, resulting in standardized images

Presentations:

- Adult
- Children
- Universal



Cone Positioner Endo+

Cone Positioner Endo+ is used for periodontics, endodontics and implantology to take images in dental offices with the same product, allowing radiography in any type of procedure by changing just one part of the product. As it has a click connection, the positioner can be assembled quickly and safely.

Kit pieces:



Periapical pieces

Periapical pieces

Endodontic and implant pieces

Example of how the endodontic and implant part fits together



Available in versions:

- Autoclavable
- Chemical



Clip-on system, which allows the parts to be assembled quickly and safely



Pressure fins, keep the film stuck in the desired position, resulting in standardized images

Presentations:

- Cone Positioner Endo+ Chemical
- Cone Positioner Endo+ Autoclavable

