

ASTROPOL (IVOCLAR VIVADENT)



Final grade: 9,5



PRODUCT DESCRIPTION

The **Astropol** polishing system was created especially for the finishing, polishing and high-gloss polishing of composite and ceromer materials.

PRODUCT FEATURES

Astropol is a complete finishing and polishing kit that includes three grit sizes and two polishers with different shapes for interdental and occlusal applications.

- Small Flame
- Cup

INSTRUCTIONS FOR USE

Astropol F (finishing) is indicated for removing excess material and pre-polishing applications.

Astropol P (polishing) was designed to the polishing of restorations. Astropol P guarantees more smooth surfaces and helps to obtain high quality results, particularly when used together with micro-filled composite materials (Heliomolar, Heliomolar Flow, Heliomolar HB).

Astropol HP (high-gloss polishing) is indicated for obtaining very smooth and extremely glossy surfaces. These polishers are recommended especially for hybrid composites.

MAIN COMPETITORS IN THE BRAZILIAN MARKET:

- Ultra Gloss Kit (American Burrs)
- Kit Dura Gloss (American Burrs)
- Jiffy® (Ultradent Products Inc.)
- Kit EVE Ecocomp Plus (Odontomega)

REVIEWER COMMENTS

*I have used and I recommend the Astropol system (Ivoclar Vivadent), because it provides from an excellent final finishing (Astropol F - gray) to a final polishing (Astropol P - green) and high-gloss (Astropol HP - pink), which results in an incomparable surface smoothness. Still it presents different shapes that optimize the finishing and polishing of different areas of the tooth, including posterior and anterior teeth. **Rodrigo Ehlers Ilkiu** (RATE 9.5)*

Astropol finishing and polishing rubbers, with a sequence of 3 grits, result in an excellent surface smoothness compared to other systems, either with the 2 or 3 different grits or the single one. The different shapes and sizes of tips facilitate access to polish almost all the dental surfaces to be restored. The

gray rubber (coarse grit) wears out very quickly, so it requires replacement before the other colors run out.

Antônio Setsuo Sakamoto Junior (RATING 9.5)

*Many new composite polishing systems appear on the market with promises of fantastic results and simplified steps. Ivoclar's traditional ASTROPOL composite resin polishers, with their sequence of rubbers of different abrasiveness, have long been providing excellent results such as smoothness, gloss and especially the maintenance of the polishing obtained over time. This characteristic is essential for the longevity of composite resins. The different shapes that best adapt to the surfaces involved and the durability of the tips attest to the superior quality of the product compared to all the other polishers on the market. By far it is the best choice for polishing your direct restorations. **Roberto César do Amaral** (RATING 10.0)*

*For finishing and polishing composite resins, the Astropol system (Ivoclar Vivadent) works perfectly. The gray colored rubbers are used for finishing and removing small excesses; the green colored rubbers act in the initial polishing of restorations; and the pink color rubbers are indicated to obtain a high-gloss in the final polishing. The different shapes of the rubber facilitate the finishing and polishing of different surfaces. **Daniel Melo Rabelo Thebit** (RATING 9.0)*

I have been using Astropol rubbers for over 10 years and I always use the complete sequence of rubbers (gray, green and pink) when polishing composite resin restorations in my daily routine. I have had fantastic results and the pink rubber, especially the cup shape one, guarantees a phenomenal gloss in composite resin restorations. First class material! I do recommend. **Eduardo Souza Junior** (RATING 10.0)

For some years I have been using Astropol gray, green and pink sequence of rubbers (Ivoclar Vivadent) in my clinical polishing protocols for anterior and posterior teeth. The variety of tips, the high-gloss obtained and mainly the durability of the rubbers make a big difference in our daily clinical practice. **Camila Centenaro** (RATING 10.0)

I use the Astropol polish system because it provides finishing, polishing and high-gloss to composites. In addition, its versatility also allows the finishing and polishing of margins of adhesive cemented restorations, either the resin ones or ceramic. Thus it is a system of polishers that fits exactly in my daily routine. **Carlos Archangelo** (RATING 9.0)

Composite resins have evolved a lot in the field of esthetic dentistry, however we would not achieve excellence without an ideal finishing and polishing. The Astropol (Ivoclar Vivadent) finishing and polishing rubbers fulfill this requirement by enabling smoothness and high-gloss comparable to the natural dental. **Clara Schieber** (RATING 10.0)

I consider essential for those who want to achieve high quality results, as they promote finishing, polishing, high-gloss and, due to the tips in cup and flame shapes, allows to reach any surface to be restored. My restorations have had a significant improvement in polishing since I have started using the Astropol polishing system (Ivoclar Vivadent). **Carlos Eduardo Oliveira** (RATING 10.0)

I have used and I indicate Astropol rubbers (Ivoclar Vivadent). The sequence of rubbers promotes smoothness and the possibility of reaching internal anatomies in a soft way, in search of the naturalness of the tooth. Certainly it makes all the difference in the polishing process, when I also seek excellence, quality and perfection. **Albano Luis Bueno** (RATING 9.0)

They are indispensable to guarantee the longevity of restorative works. Using the Astropol F, P and HP tips in sequence, the brightness and smoothness of the surface is guaranteed, it effectively helps to control stains. **Alice Vanzela Miotto** (RATING 10.0)

TIPS:

Astropol rubbers are excellent options for finishing and polishing of the surface of direct composite resin restorations. I really like to use it on the front teeth, after finishing with the high-abrasiveness discs and the diamond or multilaminate tips. The

gray rubber suits to remove the roughness of the surface and the excess texturing; the green and pink ones suit to increase polish and gloss. I use both cup and disc shapes for the vestibular surfaces and the tip shapes I do for the cervical and proximal regions, besides the interior of the texture. Although some articles recommend the use with water, clinically I observe a better performance when they are used dry, with high speed and little contact time. If there is heating, an air jet can be activated during the entire procedure.

Cristian Higashi (RATING: 10.0)

CLIP FLOW - VOCO



Final grade: 9,0



PRODUCT DESCRIPTION

Clip Flow is a fluid and light-curing material for temporary restorations, seals and temporary fillings. Thanks to its elastic consistency, the material can be easily removed entirely, even in the presence of retentive areas, which makes extra cavity preparation and the use of drills unnecessary. It promotes an excellent sealing of the cavity and protects against the penetration of food residues and bacteria.

PRODUCT FEATURES:

- Easy to place – easy to remove in one piece;
- Does not damage the preparation margins;
- Resistant and saliva-proof;
- Saves time, as it is light-curing;



- Fluid and translucent; and
- Presentation in Non-Dripping Technology syringe (non-leaking and dripping, it avoids material waste).

INSTRUCTIONS FOR USE:

- Provisional cavity restoration for inlays/onlays;
- Sealing of openings for implant screws;
- Reniling material for temporary crowns and bridges;
- Block-out material for retentive areas in the dental arch, for example, before taking impressions;
- Covering of the gingival margins;
- Fixing of resin matrices during filling placement; and

- Temporary filling of cavities for direct restorations; sealing of root canal orifices.

MAIN COMPETITORS IN THE BRAZILIAN

MARKET:

No competitors in the same consistency - fluid.

REVIEWER COMMENTS

"Clip F Flow has all the same advantages and indications as Clip F, plus the additional characteristic of a low-viscosity composite resin, making clinical use faster. (Rating: 9.0)." Rodrigo Ehlers Ilkiu

"In my opinion, Clip Flow is a "wild" material in the daily clinic, not to mention that it is practically essential due to its multifunctionality. It is a material developed for temporary restorations, light-cured and flow, which makes it much easier to settle inside the cavity without the dissatisfaction of the material getting stuck to the spatula or leaked on the intended location.

It can also be used as a soft tissue protector, which is applied over brackets, from which it will later be easily removed. We are also able to close protocol "chimneys" on the implant efficiently or even make small gingival conditioning due to its smoothness.

I can assure you that, due to the ease and practicality of use, it is a material that is not lacking in my daily life. (Rating: 10.0)." Hamilton Renato

"I usually use it very conveniently for temporary restorations after preparing onlays. It is easy removal material; does not damage tooth preparation walls. (Rating: 9.0)." Lucas Silveira Machado

"I use and recommend the Clip Flow (Voco) provisional resin because it is a product that is easy to apply for the most diverse clinical situations, in addition to being light-cured, which guarantees clinical time. Clip Flow (Voco) provisional resin can be easily removed from retentive areas, making extra cavity preparation and use of drills unnecessary. (Rating: 9.0)." Cristian Sbardelotto

"Clip F Flow resin is excellent for provisional closure of prosthesis orifices on screw implants and also for use in interproximal regions of provisional restorations with bisacrylic resins, as recommended by Dr. José Arbex Filho. It has excellent fluidity and transparency, but it has low mechanical resistance for larger provisional restorations. (Rating: 8.0)" Cristian Higashi

“Among all the indications for Clip F Flow, the best one in my opinion is that related to the provisional closure of implant screws. The removal is very quick and the material has an excellent seal. Product rating 9.5. If there was a possibility, I would like VOCO to make gum color. It would be excellent to facilitate the maintenance of protocols. Often the patient does not accept the closure with materials that do not mimic the prosthesis. Then it would be rate 10. (Rating: 9.5).” **Carlos Eduardo Pena**

“I have already used and I recommend conventional Clip Flow resin (resin consistency) regularly for provisional inlay/onlay restorations, and the new Clip F Flow resin has brought more practicality in everyday life. I like to seal the implant access orifices, which ones are easy to remove. However, in extensive provisional restorations (onlay), in some cases, there may be some splinters/fractures. (Rating: 9.0).”

Antonio S. Sakamoto Junior

“I use and indicate Clip Flow because of its form of presentation, which facilitates the insertion in implant orifices sealings, provisional restorations and provisional prosthesis relinings. I consider as its main characteristics are practicality, speed and easy removal when used for temporary restorations. (Rating: 10.0).” **Paulo Quagliatto**

“Clip Flow - a great fluid temporary resin, with excellent flow and adaptation in many cavity preparations and clinical situations, very versatile. Unique product in the national market. (Rating: 10.0).”

Mont’Alverne

TIPS

I have already been a loyal user of Clip F, since its presentation was in a tube and in a consistency more similar to conventional composite resins. This material has always stood out for its easy removal, its impermeability to saliva, elasticity, which promotes comfort to the patient, and, mainly, for leaving all the polymerization control to the professional due to the fact that it is light-curing.

Now, in the fluid presentation with an applicator that resembles fluid resins, the working process is much easier. The product has maintained its characteristics only by alternating its viscosity. This is my material of choice in temporary restorations to prevent any risk to the preparations made at the time of removing the temporary material, as we can remove it with a simple tool that has an active tip without using instruments. (Rating: 10.0)

Alexandre Moraes

TETRIC N-CERAM (IVOCLAR VIVADENT)



Final grade: 9,0



PRODUCT DESCRIPTION

Tetric N-Ceram is an universal, radiopaque and nano-hybrid composite based on nano-optimized technology for direct restorative procedures on anterior and posterior teeth.

Three types of nanoscale components are incorporated into Tetric N-Ceram:

- Nanoparticles: represent the ideal combination and the basis for the excellent physical properties of the material;
- Nanopigments: they are finely distributed evenly, intensifying the nuances of color and mimicry of the composite; and

- Nanomodifier: ensures extended working time and easy sculpting, fundamental characteristics for obtaining restorations in an easy and predictable way.

The Tetric N-Ceram composite line combines tested product characteristics with Ivoclar Vivadent's high technology and quality. It has a history of successful use and more than 110 million restorations performed.

PRODUCT FEATURES

- Universal nano-hybrid composite;
- High radiopacity of up to 400% Al;
- Extended working time of more than 3 minutes, under natural light; and

- Excellent aesthetics and mimicry due to nano-optimized technology.

INSTRUCTIONS FOR USE

- Direct anterior and posterior restorations (Classes I - V);
- Direct facets;
- Restorations on primary teeth;
- Mobility of fixed teeth;
- Repairs in composite restorations;
- Repairs on ceramic restorations; and
- Sealing of large cracks.

MAIN COMPETITORS IN THE BRAZILIAN MARKET:

- Filtek Z350 XT - 3M;
- Filtek Z250XT - 3M;
- Charisma Opal - Heraeus Kulzer;
- TPH3 - Dentsply;
- Herculitis Précis - Kerr;
- Brilliant NG - Coltene; and
- Beautifil II - Shofu.

REVIEWER COMMENTS

"Tetric N-Ceram is an excellent composite indicated for aesthetic restorations on anterior and posterior teeth, being more accessible to clinicians, because it has equal or lesser commercial

value compared to competitors. Presents a high concentration of inorganic particles, with a nano-hybrid characteristic, which provides excellent polishing, high mechanical resistance and polishing maintenance over time." **Rodrigo Ilkiu**.
Rating: 9

I've been using Tetric-N-Ceram since I graduated. I think it's a good resin to work with and very affordable commercial value. Viscosity and thixotropy combined with longer working time facilitate sculpture and details. When polishing, it has an excellent result and shine. During stratification, I sometimes miss some opaques. **(Daniel Kenji)**
Rating: 8

I have always loved Tetric-N-Ceram resin, precisely because of the simple way of working, since its enamels have an intermediate translucency. With the arrival of new colors in Brazil, the system became complete, enabling advanced stratifications and more natural results. **(Jorge Eustáquio)**
Rating: 10

The Tetric N-Ceram system has excellent aesthetics and a good working time, not easily polymerizing by the reflector light. I like its consistency, which facilitates the restorative process

when sculpting both anterior and posterior teeth. The enamel resin “pulls” the characteristics of the substrate, making it easy to get the restoration right. As I do a lot of whitening, this system has resins for whitened teeth, which makes it much easier on a daily basis. **(Antonio S. Sakamoto Jr.)**
Rating: 9,5

I have been using the Tetric-N-Ceram line since its launch. It is a composite that is in 9 out of 10 of my restorative procedures. Its resistance, polishing, handling and especially the vitality of its transition with light are exceptional. **(Sullivan Leite)** Rating: 9

Excellent material. I use it a lot in cases of semi-direct restorations - inlays and small onlays. It gets fantastic polish after polishing. **(Gustavo Tonolli)**
Rating: 8

Tetric N-Ceram is a resin with good sculptibility and viscosity, which facilitates its use and manipulation, both in anterior and posterior teeth. In addition, its color options are satisfactory for day-to-day restorations. **(Breno Mont'Alverne)** Rating: 8

I really like the consistency and sculptibility of Tetric N-Ceram. Excellent for posterior teeth, I

have also used it for anterior teeth, due to its degree of post-polishing shine. A fantastic resin for all clinical restorative situations. The only disadvantage is the amount of dentin resins: only A3.5, A2 and B2. I believe that if I had dentin for whitened teeth, I would be able to do transformation and resuscitation in young patients who want white, natural teeth. **(Eduardo Souza Júnior)**
Rating 10.

A composite resin with excellent sculptibility. Its range of colors and its easy handling makes it the daily resin of the dental office. I use it both for anterior and posterior restorations, as it has an excellent shine, resistance and very good aesthetics. **(Carlos M Archangelo)** Rating: 9,5

Tetric N-Ceram resin is an excellent resin for more simplified stratifications, as it has a medium translucency enamel, in varying shades of hue and saturation, in addition to some dentine colors to be used when necessary. Its consistency is very good, which facilitates the manipulation and sculpture in anterior and posterior teeth restorations. The only disadvantage is the lack of opaque resins and effects for more complex stratifications. **(Cristian Higashi)** Rating: 8,5