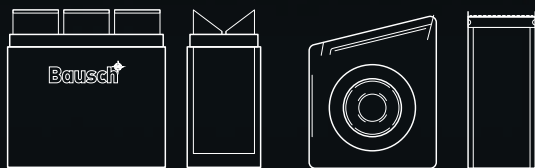
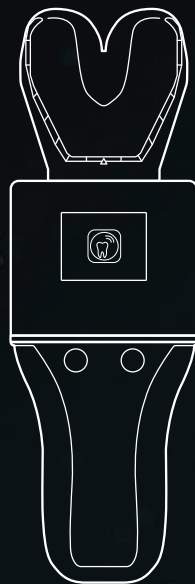


# Bausch

WE MAKE OCCLUSION VISIBLE



## ARTICULATING AND OCCLUSION TEST MATERIALS







## We make Occlusion visible.

The dentists Dr. Jean Bausch and Dr. Hans Bausch, founders of the company, recognized very early the need to develop a pressure-sensitive articulating paper in order to visualize occlusion as precisely as possible.

Since 1953, Dr. Jean Bausch GmbH & Co. KG has been specialized in manufacturing articulating papers with progressive color transfer. The proven product BK 01 was the first articulating paper to present various masticatory forces by different shades of color. This principle of progressive color transfer remains an important method for the accurate detection of high spots.

The precise color transfer on surfaces, such as ceramics, acrylics or metals, is our top priority.

Thus, an extensive range of different articulating and occlusion test materials in various thicknesses, shapes and colors has been developed, making us one of the world's leading manufacturers.

As a second-generation family business, we will continue to focus on innovation and consistent product development. Consequently, we presented the new OccluSense® system for digital occlusion control at the IDS 2019 in Cologne, Germany.

Mrs. Evelyn Bausch, wife of Dr. Hans Bausch, joined the company in 1961.

André and Peter Bausch (sons of Dr. Hans Bausch and Evelyn Bausch) are the Managing Directors of Dr. Jean Bausch GmbH & Co. KG since 1998.

All our products are manufactured strictly in accordance with the European Medical Device Regulation under constant control by our quality assurance team in compliance with DIN EN ISO 13485.

This brochure is primarily intended for professional users in order to help them select the right test material for the respective purpose.





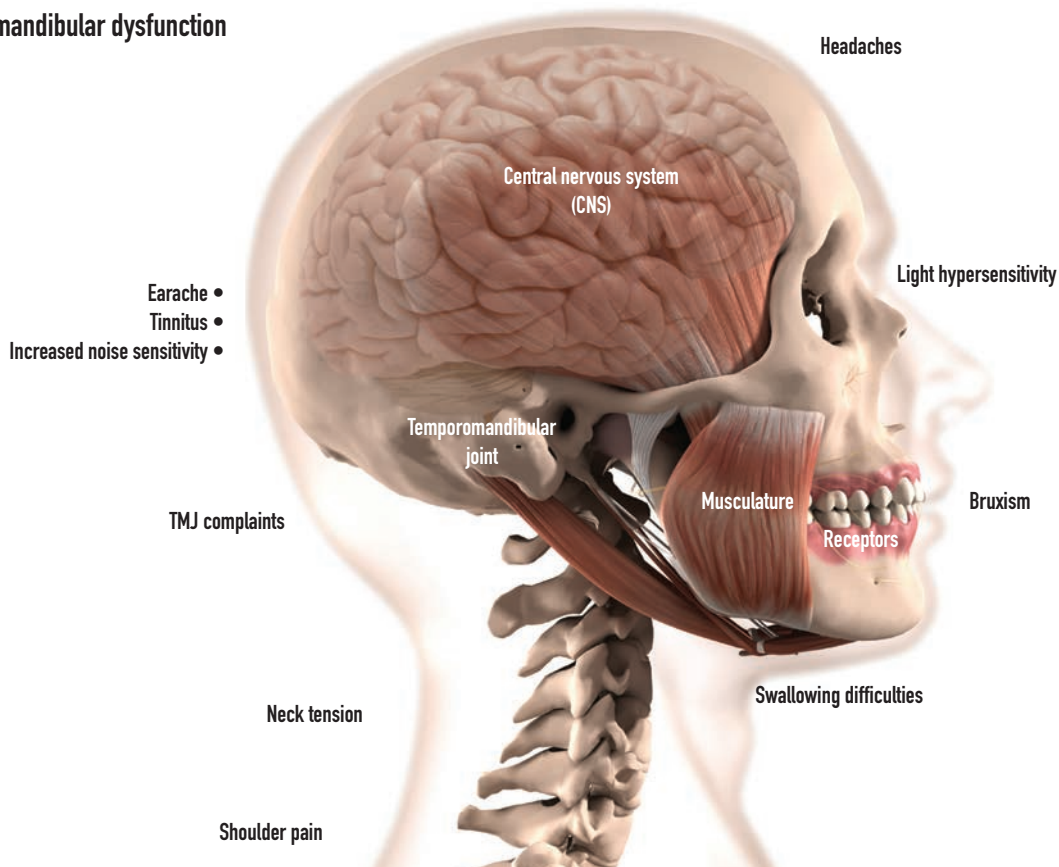
- 1953 - Company founded in Cologne accompanied by the first articulating paper with progressive color transfer
- 1962 - First participation in the IDS in Cologne
- 1972 - Launch of the micro-thin 40 µm occlusion paper
- 1974 - Production moved to Rhineland-Palatinate
  - Launch of horseshoe-shaped papers
- 1979 - IDS Düsseldorf: Market launch of Arti-Fol®
  - Establishment of Bausch Dental Co. of America as a representative office
- 1983 - IDS Munich: Arti-Fol® 8 µm in 4 colors
- 1986 - IDS Cologne: Arti-Spot® High Spot Indicator
- 1994 - Establishment of Bausch Articulating Papers, Inc., in Nashua, NH, U.S.A.
- 1999 - IDS Cologne: Arti-Fol® metallic 12 µm
- 2003 - Establishment of Bausch Articulating Papers (Australasia) Pty. Ltd in Sydney, Australia
- 2007 - Establishment of Bausch Articulating Papers Japan K.K., in Osaka, Japan
  - Establishment of Bausch Importação de Materiais Odontológicos Ltda. in São Paulo, Brazil
- 2009 - Expansion of the production area in Rhineland-Palatinate, Germany
- 2017 - IDS Cologne: Presentation of the OccluSense® system with color-coated pressure sensor
- 2019 - IDS Cologne: Market launch of OccluSense®
- 2020 - Expansion of production building and training facilities in Cologne
- 2021 - Establishment of Bausch Articulating Papers Co. Ltd. in Seoul, Korea

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# Occlusion — Influences — Effects

## Craniomandibular dysfunction



## Accurate detection of premature contacts.

Occlusion means every contact between the teeth of the maxilla and mandible.

Occlusion forms one part of the stomatognathic system, which represents the anatomical entity of the temporomandibular joint, the masticatory muscles, sensory nerves, pressure receptors and the central nervous system.

Every restoration, extraction or prosthetic treatment as well as every orthodontic treatment will alter the static and dynamic occlusion and thus may have an impact on the anatomy as a whole.

In this context, Bausch has set the aim of developing occlusal test products for the professional user in order to achieve the restoration of the individual physiological occlusion of each patient.

Not only the control of static occlusion (tooth contact without movement of the mandible in maximum intercuspation) but also dynamic movements should therefore be considered.

Dynamic movements, i.e. tooth contacts resulting from a movement of the mandible, are differentiated into anterior guidance, canine guidance and group guidance.

The 8 µm and 12 µm films, in a variety of colors are designed in order to check the different movement patterns over the entire dental arch.

For instance,

black	for static
red	for laterotrusion
green	for mediotrusion
blue	for protrusion

can be used.

A change in habitual occlusion, i.e. habitually adopted static occlusion, can lead to a change in neuromuscular tone, which in turn can trigger an adapted restrained posture and manifest itself in a CMD (craniomandibular dysfunction disorder).

The interaction of the above factors is clearly shown in the diagram.

Various occlusion concepts have been defined in science, which can serve as a template for reconstructing the occlusion. However, they should only be understood as models, as there is no such thing as "the one occlusion". Rather, the focus should be on the individual occlusion taking into account biomechanical conditions of each patient during the treatment.

The deliberate and sensible use of different papers and films in various thicknesses can ensure that important interfering contacts are not missed due to optical non-detection.



























Bausch Articulating Papers 100 µm and 200 µm with progressive color transfer are used for the general localization of static contact points, as they mark any material

and absorb saliva. They can be used in the dental office but also in the dental laboratory.

The group of articulation papers also include the Arti-Check® Articulating Papers with a thickness of 40 µm. These thin papers are coated on both sides with liquid colors and mark precisely due to the low material thickness, which reduces smear contacts.

In order to involve the muscular aspect, which has a strong influence on the occlusion, the OccluSense® system for digital occlusion control has been developed, enabling the dentist to evaluate the masticatory force distribution of the entire dental arch in a timeline.

A final check of the occlusion with adequate equipment is important to avoid interfering contacts and to avoid any associated temporomandibular joint disorders.

	200 µm	blue	Impregnated	Double-sided	200 µm paper
	200 µm	red	Impregnated	Double-sided	200 µm paper
	100 µm	blue	Impregnated	Double-sided	100 µm paper
	100 µm	red	Impregnated	Double-sided	100 µm paper
	200 µm	green	Impregnated	Double-sided	200 µm paper
	100 µm	green	Impregnated	Double-sided	100 µm paper
	80 µm	blue	Impregnated	Double-sided	80 µm silk
	80 µm	red	Impregnated	Double-sided	80 µm silk
	80 µm	green	Impregnated	Double-sided	80 µm silk
	40 µm	blue/ blue	Coated	Double-sided	20 µm paper + 10 µm + 10 µm coating
	40 µm	red/ red	Coated	Double-sided	20 µm paper + 10 µm + 10 µm coating
	40 µm	blue/red	Coated	Double-sided	20 µm paper + 10 µm + 10 µm coating
	12 µm	black/red	Coated	Double-sided	12 µm film + 6 µm + 6 µm coating
	12 µm	black	Coated	One-sided	12 µm film + 6 µm coating
	12 µm	red	Coated	One-sided	12 µm film + 6 µm coating
	12 µm	green	Coated	One-sided	12 µm film + 6 µm coating
	12 µm	blue	Coated	One-sided	12 µm film + 6 µm coating
	12 µm	uncoated	Uncoated	-	12 µm film without coating
	8 µm	black	Coated	One-sided	8 µm film + 6 µm coating
	8 µm	red	Coated	One-sided	8 µm film + 6 µm coating
	8 µm	green	Coated	One-sided	8 µm film + 6 µm coating
	8 µm	blue	Coated	One-sided	8 µm film + 6 µm coating
	8 µm	black	Coated	Double-sided	8 µm film + 6 µm + 6 µm coating
	8 µm	red	Coated	Double-sided	8 µm film + 6 µm + 6 µm coating
	8 µm	green	Coated	Double-sided	8 µm film + 6 µm + 6 µm coating
	8 µm	blue	Coated	Double-sided	8 µm film + 6 µm + 6 µm coating



## Bausch Articulating and Occlusion Test Materials.

Since 1953 we have specialized in manufacturing articulating and occlusion test materials and thus are an essential constituent in dentistry.

Over time, we have extended our product range to the needs of our professional users, but also to new treatment methods and dental materials.

At the beginning of the 1970s, we offered thinner papers with a thickness of only 40 µm in addition to the proven articulation papers and silks.

In the same decade, the dental concept of gnathology has emerged, which nowadays represents the field of functional diagnostics. For this concept, thinner test materials were necessary. Since then, we have been offering tear-resistant, thin and precise films in different colors and thicknesses.

In addition, liquid contact colors as well as occlusion sprays and other color indicators are available.

At the IDS International Dental Show 2019, we introduced the OccluSense® system, which adds a digital option to the classic occlusion test materials.



## Articulating Papers 200 µm



- progressive color transfer
- marks well on moist occlusal surfaces
- visible marks on ceramic
- color transfer by pressure
- for checking static occlusion
- extensive, clearly visible markings
- soft microfleece material – adapts well to the occlusal surface
- for initial control of premature contacts
- suitable for all materials



## Articulating Papers 100 µm



- progressive color transfer
- marks well on moist occlusal surfaces
- visible marks on ceramic
- color transfer by pressure
- for checking static and dynamic occlusion
- highly accurate, clearly visible markings
- very soft, tear-resistant microfleece material
- adapts well to the occlusal surface
- for initial control of premature contacts
- suitable for all materials



## Arti-Ceram 200µm | 100 µm



- progressive color transfer
- marks well on moist occlusal surfaces
- visible marks on CAD/CAM ceramic materials
- color transfer by pressure
- for checking static occlusion (200 µm)
- for checking static and dynamic occlusion (100 µm)
- highly accurate, clearly visible markings
- soft microfleece material – adapts well to the occlusal surface (200 µm)
- very soft, tear-resistant microfleece material (100 µm)
- for initial control of premature contacts
- suitable for all materials



## Articulating Silks 80 µm



- progressive color transfer
- marks well on moist occlusal surfaces
- visible marks on ceramic
- color transfer by pressure
- for checking static and dynamic occlusion
- highly accurate, clearly visible markings
- very soft, tear-resistant silk fabric - adapts well to the occlusal surface
- for initial control of premature contacts
- suitable for all materials
- recommended for the Gerber technique



## Articulating Papers 40 µm



- marks well on moist occlusal surfaces
- visible marks on ceramic
- color transfer by pressure and impact
- for checking static and dynamic occlusion
- highly accurate, clearly visible markings
- very thin paper
- suitable for all materials
- marks occlusal contacts precisely



## Arti-Fol® metallic 12 µm



- ultra thin metallized film
- marks precisely all contact points
- no smear contacts
- color transfer by impact
- antistatic
- highly accurate contacts
- adapts well to the occlusal surface
- suitable for all materials
- does not tear even when pulled
- marks well on dry, ceramic materials
- also available as an uncoated version (Shimstock film)
- also available as a 75 mm wide roll



## Arti-Fol® 8 µm

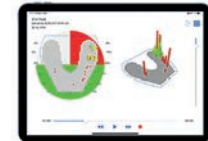


- ultra thin film
- marks precisely all contact points
- no smear contacts
- color transfer by impact
- highly accurate contacts
- adapts well to the occlusal surface
- suitable for all materials
- does not tear even when pulled
- also available as a 75 mm wide roll
- available coated on one side or two sides



## OccluSense® 60 µm

- representation of masticatory forces, visible on the teeth and digitally as a bar diagram
- vertical or flat cusp-fossae relations are visualized by different bar colors
- enhanced occlusal evaluation in static and dynamic occlusion
- visualization of axial forces on implant-supported reconstructions and on prosthetics
- detection of premature contacts
- improved patient communication and information
- electronic pressure sensor: 60 µm thin, flexible and color-coated
- presentation of masticatory force distribution in percentage
- documentation made easy via the OccluSense®-iPad-App





CELLERANT  
BEST OF CLASS  
TECHNOLOGY AWARD  
2019



## Bausch OccluSense® – Digital Occlusion Control

The endeavor to visualize an accurate representation of the occlusal contacts was one of the main demands we made for ourselves when developing OccluSense®. The color-coated OccluSense® sensor has the quality of marking clearly and selectively, just like the proven and reliable articulating papers and foils.

OccluSense® does not just display the final occlusal contact in terms of statics and dynamics, but also records the temporal progression until the occlusal movement is completed.

The interpretation of the occlusal pressure recorded by OccluSense® differs from the classic occlusion test materials, in as much as more information is provided in a time-efficient way. This information includes the recording of occlusal contacts during the movement of the mandible from the initial contact to the maximum intercuspidal position. OccluSense® by Bausch enables every dentist to record these occlusal situations and evaluate them step by step.

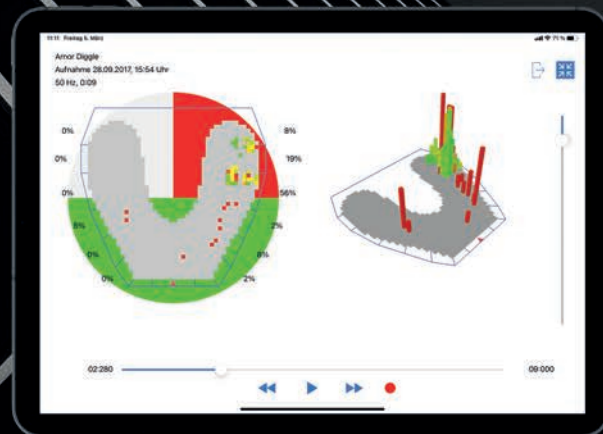
Our OccluSense® system has been awarded the *Cellerant Best of Class Technology Award* at the 2019 ADA/FDI Congress in San Francisco, CA, U.S.A.

In the 2021 OE-A Competition, hosted by the Organic and Printed Electronics Association (OE-A), our OccluSense® system was named the winner in the “*New Products*” category.

For more information about the OccluSense® system, please visit:

[www.occlusense.com](http://www.occlusense.com)







## Digital occlusion control in the approach of holistic therapy

The new, award-winning and user-friendly product OccluSense® by Bausch combines the traditional and digital recording of masticatory pressure distribution on occlusal surfaces.

The OccluSense® device with its 60 µm thin single-use pressure sensor with red color coating is used exactly like conventional occlusion test films and offers the following product features:

- Checking the occlusion on the entire dental arch
- Presentation of the time course of the masticatory pressure distribution
- Presentation of the percentage distribution of the masticatory pressure

- Presentation of laterotrusion movements and possible interferences on the mediotrusion side
- Analog and digital presentation of occlusal status
- Visual documentation of the treatment steps by before-and-after comparison
- Can be used, e.g. for splint therapy, prosthetic implant treatments, large restorations as well as for osteopathy and physiotherapy treatments

### The OccluSense® system:

#### OccluSense® handheld

Battery-powered handheld for capturing the data of the inserted pressure sensor

#### OccluSense® charger

Inductive charger for wireless charging

### OccluSense® electronic pressure sensor

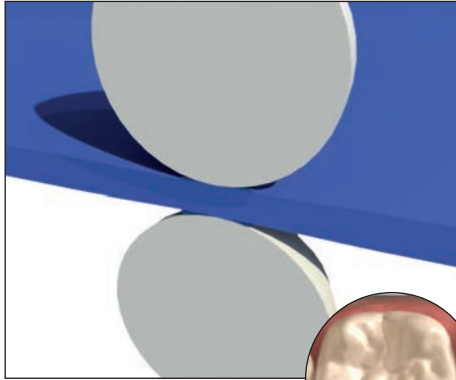
- 60 µm thin
- flexible
- red color coating
- provides the recording of occlusal pressure conditions in 256 levels
- for checking static as well as dynamic occlusion

### OccluSense® CenterFix Centering Device BK 5040

Further information about the OccluSense® system is available at [www.occlusense.com](http://www.occlusense.com)

				REF
		Set		BK 5000
	L	25 x	==	BK 5025
	XL	25 x	==	BK 5035
		10 x	●	BK 5040

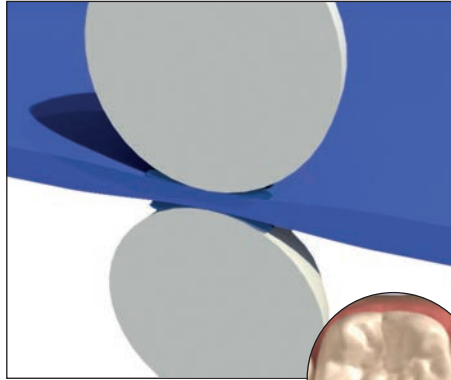
# The Principle of progressive color transfer



**Low pressure**

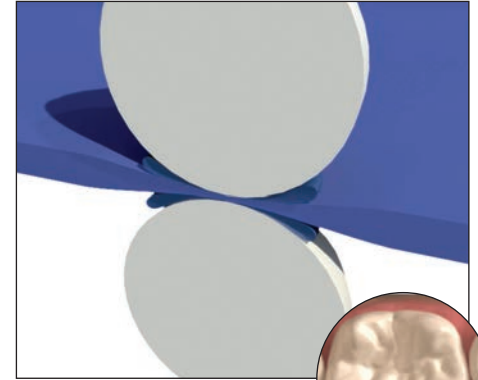
A physiological occlusal contact can be detected by the principle of progressive color transfer.

Such markings are not interfering contact points.



**Higher pressure**

With higher masticatory pressure, more color emerges from the material and the approximating contact points become visible by darker color. The result is a marking that is typical for our progressive test products: the color being squeezed out creates a circle around the contact point.



**Maximum pressure**

In the case of maximum intercuspation or an interfering contact, this effect is even more visible, since in the center of the marking, the actual contact point has hardly any color, but is outlined by a dark ring of color.

# The Principle of progressive color transfer



The Articulating Papers 200 µm, "PROGRESS 100" 100 µm, Arti-Ceram 200 µm and 100 µm as well as the Articulating Silks 80 µm have the property of progressive color transfer.



Bausch articulating papers and silks with progressive color transfer are suitable for representing static occlusion.

The sponge-like structure of the soft micro fleece paper or accordingly silk, stores the color which is squeezed out when pressure is applied. By using these products, any tooth contacts are marked.

Progressive color transfer in this context means that by exerting increasing masticatory force, more color is squeezed out of the material and transferred onto the occlusal surfaces.

The bonding agent Transculase®, contained in the color formulation, enables the color to adhere better to different materials and natural teeth. The pressure-sensitive articulating paper provides a precise visualization of the masticatory pressure distribution.

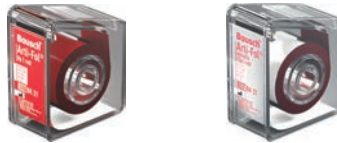
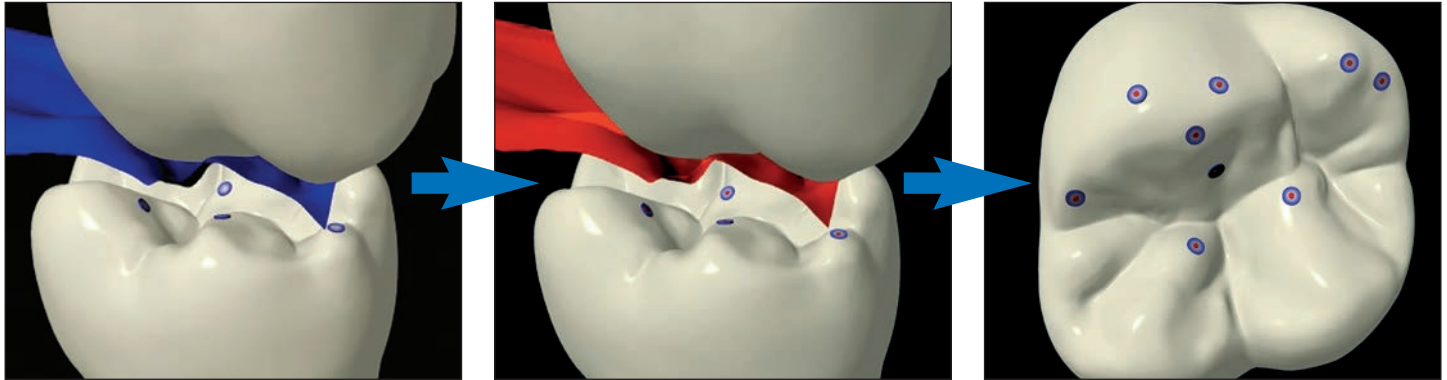
Our progressive test materials are therefore ideally suited for occlusal surfaces covered with saliva.

For an accurate representation of the occlusal contacts, we recommend a combination of different test materials.





# Checking the occlusion using the 2-step method



To visualize contacts on saliva moistened surfaces, we recommend using progressive test materials in combination with thinner foils.

In the first step, the occlusion should be checked with Articulating Paper 200 µm or "PROGRESS 100" 100 µm. These papers absorb saliva and thus create a perfect basis for an accurately pinpoint marking of contact points

with Arti-Fol® metallic 12µm or Arti-Fol® 8µm foil in the second step.

The advantages of this 2-step method are:

- Differentiated representation of occlusal points and surfaces
- High-contrast representation by different colors

• Improved color transfer of occlusion films onto surfaces exposed to saliva by prior transfer of the bonding agent Transculase®.



## Bausch Articulating and Occlusion Papers

### Bausch Articulating Silks

Our articulating paper with progressive color transfer formed the basis for the foundation of our company in 1953.

















Shortly after, the 80 µm articulating silks have been developed, which are still being used for occlusion control, mainly in the dental laboratory.


In 1972, Bausch Occlusion Papers micro-thin 40 µm were added to our product range.

The product PROGRESS 100, Articulating Paper with progressive color transfer 100 µm, has been introduced in the year 2000.

# Bausch Articulating Papers with progressive color transfer 200 µm



				REF
	52 mm x 18 mm	300 x		BK 01
	52 mm x 18 mm	300 x		BK 1001 
	52 mm x 18 mm	300 x		BK 02
	52 mm x 18 mm	300 x		BK 1002 
		50 x		BK 03
		50 x		BK 04
	52 mm x 18 mm	300 x		BK 05

 = environmentally friendly refill pack

 = recommended for dental office use

 = recommended for laboratory use

# Bausch Articulating Papers with progressive color transfer 200 µm





## Bausch Articulating Papers with progressive color transfer 200 µm

Bausch Articulating Papers with progressive color transfer 200 µm indicates different occlusal forces by means of different shades of color, depending on the masticatory pressure:

- LOW PRESSURE – light marking
- HIGHER PRESSURE – darker marking
- MAXIMUM PRESSURE – dark ring of color surrounding the occlusal contact

The dentist obtains a precise image of the masticatory pressure distribution. Premature contacts become visible.














**Strips** |  |   
e.g. for fillings, crowns and bridges  
(restorative and functional dentistry)



**Horseshoe shape** |  |   
e.g. for occlusal splints, full dentures, checking the entire dental arch in the articulator and intraorally



# Bausch PROGRESS 100 Articulating Paper 100 µm



				REF	
	52 mm x 18 mm	300 x		BK	51
	52 mm x 18 mm	300 x		BK	52
		50 x		BK	53
		50 x		BK	54
	52 mm x 20 mm	50 x		BK	57
	52 mm x 20 mm	50 x		BK	58

 = recommended for dental office use  
 = recommended for laboratory use

# Bausch PROGRESS 100 Articulating Paper 100 µm




## Bausch PROGRESS 100 Articulating Paper with progressive color transfer 100 µm

This soft fiber-reinforced paper offers a high color capacity and adapts precisely to the occlusal surface.

With its progressive color transfer ability, it marks precisely occlusal contact points.

The unique combination with the Transculase® bonding agent and a thin paper, precisely indicates occlusal con-














tacts and surfaces on highly polished materials, such as metal alloys and ceramic materials.



**Horseshoe shape** |  |  
e.g. for occlusal splints, full dentures, checking the entire dental arch in the articulator and intraorally

**Strips** |  |  
e.g. for fillings, crowns and bridges  
(restorative and functional dentistry)

# Bausch Arti-Ceram Articulating Papers 200 µm and 100µm



					
<b>Arti-Ceram 200µm</b>					
	52 mm x 20 mm	50 x		BK	92
		50 x		BK	93
<b>Arti-Ceram 100µm</b>					
	52 mm x 20 mm	50 x		BK	97
		50 x		BK	98

 = recommended for dental office use  
 = recommended for laboratory use

# Bausch Arti-Ceram Articulating Papers 200 µm and 100µm





## Bausch Arti-Ceram Articulating Papers green with progressive color transfer 200 µm | 100 µm

In order to achieve an optimal color adaption to the natural tooth substance, various types of ceramic are available, such as glass ceramic, zirconia ceramic and feldspathic ceramic. These materials are used for (temporary) crowns as well as for inlays and onlays and can be highly polished for an outstanding aesthetics. However, there are challenges for dentists when adjusting the occlusion with these highly polished materials, which are often produced using CAD/CAM technologies, as traditional occlusion test materials are mostly ineffective for checking the occlusion.








In order to be able to identify premature contacts effectively, we have addressed this problem intensively and decided for the proven color GREEN, which has been established in dental technology for decades. This color offers the decisive advantage of being clearly visible and rich in contrast on the aesthetic highly polished surfaces of these ceramics due to special color pigments. Our Arti-Ceram product is available in two thicknesses, 200µm and 100µm, in strips and in horseshoe shape, and enables a precise adjustment of the occlusion to ensure the best possible function and aesthetics.



**Strips** |  |   
e.g. for fillings, crowns and bridges  
(restorative and functional dentistry)

**Horseshoe shape** |  |   
e.g. for occlusal splints, full dentures, checking the entire dental arch in the articulator and intraorally

# Bausch Articulating Silk with progressive color transfer 80 µm



			REF
	80 mm x 3 m		BK 06
	80 mm x 3 m		BK 876
	80 mm x 3 m		BK 877
	16 mm x 10 m		BK 07
	16 mm x 10 m		BK 08

 = recommended for dental office use  
 = recommended for laboratory use



# Bausch Articulating Silk with progressive color transfer 80 µm



## Bausch Articulating Silk with progressive color transfer 80 µm

Bausch articulating silk is a high-quality textile product and has properties comparable to articulating paper with progressive color transfer 200 µm. The tissue is tear-resistant and, due to its low thickness and flexibility, adapts perfectly to the cusps and fossae.

The marking of articulation silk is extremely precise and color intensive.





























For decades, articulating silk has been proven for testing occlusal surfaces, in both dentistry and dental technology.

Rolls |  | 

e.g. for occlusal splints, full dentures, checking the entire dental arch in the articulator and intraorally.

# Bausch Articulating Papers Arti-Check® micro-thin 40 µm



				REF	
	103 mm x 20 mm	200 x		BK 09	
	103 mm x 20 mm	200 x		BK 10	
	100 mm x 70 mm	100 x		BK 11	
	100 mm x 70 mm	100 x		BK 12	
	16 mm x 15 m			BK 13	BK 1013
	16 mm x 15 m			BK 14	BK 1014
	22 mm x 10 m			BK 15	BK 1015
	22 mm x 10 m			BK 16	BK 1016
		150 x		BK 17	
		150 x		BK 18	
	52 mm x 20 mm	200 x		BK 61	
	52 mm x 20 mm	200 x		BK 62	
	52 mm x 20 mm	200 x		BK 63	
	103 mm x 20 mm	200 x		BK 80	
		150 x		BK 81	

 = environmentally friendly refill pack

 = recommended for dental office use

 = recommended for laboratory use

# Bausch Articulating Papers Arti-Check® micro-thin 40 µm



## Bausch Articulating Papers Arti-Check® micro-thin 40 µm

Bausch Articulating Papers 40 µm are micro-thin papers coated on both sides with liquid colors. Due to their low material thickness, these papers mark extremely precise. As a result, false or smear contacts are significantly reduced.

The special coating with liquid colors enables clear marking of all occlusal contacts, even on materials such as ceramic, metal alloys, acrylic and occlusal surfaces exposed to saliva.

The special coating consists of many small microcapsules filled with color. Even low masticatory pressure will cause these capsules to burst and release the color, resulting in clearly visible marks. Multiple marking is also possible, as the coating has a high color storage volume.

Bausch Arti-Check® micro-thin BK 63, BK 80 and BK 81 (two-colored) are very well suited for the representation of static and dynamic occlusion.

**Sheets** | 

e.g. for occlusal splints, full dentures, checking the entire dental arch in the articulator

**Horseshoe shape** |  | 

e.g. for occlusal splints, full dentures, checking the entire dental arch in the articulator and intraorally

**Strips** |  | 

e.g. for fillings, crowns and bridges (restorative and functional dentistry)

**Rolls** |  | 

Roll dispensers for clean and economical dispensing  
e.g. for fillings, crowns and bridges (restorative and functional dentistry)



## Bausch Occlusion Test Films

In the 1970s, gnathology became an important part of dentistry. To meet the needs of specialists in the field of functional diagnostics, we added thin occlusion films to our product range in 1979.

In 1983, Arti-Fol® 8 µm has been introduced in four different colors. These films are available with a single or double-sided color coating.












In 1999, the range of our films has been expanded to include Arti-Fol® metallic 12 µm.

In 2020, the product Arti-Fol® metallic Complete BK 328 has been introduced.



# Bausch Arti-Fol® metallic Shimstock film 12 µm black/red



				REF
	22 mm x 20 m			BK 28
	22 mm x 20 m			BK 1028 
		20 x		BK 328

 = environmentally friendly refill pack

 = recommended for dental office use

 = recommended for laboratory use

# Bausch Arti-Fol® metallic Shimstock film 12 µm black/red



## Arti-Fol® metallic 12 µm black/red

Arti-Fol® metallic 12 µm black/red is an occlusion test film consisting of a metallized polyester film (shimstock film) of 12 µm thickness and a double-sided color coating.

This film is characterized by its flexibility, tear resistance and reduced static charge. The low thickness of the material allows a close approximation of the antagonists.

**Rolls** |  | 

Roll dispensers for clean and economical dispensing e.g. for fillings, crowns and bridges (restorative and functional dentistry)

## Arti-Fol® metallic Complete 12 µm

Arti-Fol® metallic Complete BK 328 combines the proven Arti-Fol® metallic film black/red with a new and hygienic cardboard holder.

















Due to its special shape, Arti-Fol® metallic Complete can be used individually on the left or right side or in combination for the entire dental arch.



**Strips with laminated cardboard holder** | 

Hygienic use without holding instrument, e.g. for fillings, crowns and bridges (restorative and functional dentistry).

# Bausch Arti-Fol® metallic Shimstock film 12 µm



				REF	
	22 mm x 20 m			BK 30	
	22 mm x 20 m			BK 31	
	22 mm x 20 m			BK 32	
	22 mm x 20 m			BK 33	
	8 mm x 50 mm	100 x		BK 35	
	8 mm x 50 mm	100 x		BK 38	
	16 mm x 20 m			BK 39	
	75 mm x 20 m			BK 730	
	75 mm x 20 m			BK 731	

 = recommended for dental office use  
 = recommended for laboratory use

# Bausch Arti-Fol® metallic Shimstock film 12 µm



## Bausch Arti-Fol® metallic Shimstock film 12 µm

Arti-Fol® metallic is an occlusion test film consisting of a metallized polyester film (shimstock film), 12 µm thickness, and a single or double-sided color coating.

This film is characterized by its flexibility, tear resistance and reduced static charge. The low thickness of the material allows a close approximation of the antagonists. The film precisely marks the occlusal contacts on all materials. Smear or false contacts are thus significantly reduced.

The metallized back of the film can prevent confusion between the uncoated side and the color coated side. In addition, the foil has antistatic properties due to the metallization.

The 8 mm wide, pre-cut strips of the product Arti-Fol® metallic BK 35, in combination with the Arti-Fol® forceps BK 145 (see page 61), are particularly suitable for checking approximal contacts when inserting bridges or crowns.

As a supplement to Arti-Fol® metallic, we offer the classic Shimstock film without color coating in 8 mm width as well as in 16mm width.

You can download a shimstock protocol from our website: [www.bauschdental.com/downloads](http://www.bauschdental.com/downloads).

Rolls 22 mm wide |  | 

























Roll dispensers for clean and economical dispensing e.g. for fillings, crowns and bridges (restorative and functional dentistry)

Rolls 75 mm wide | 

e.g. for occlusal splints, complete dentures, checking the entire dental arch in the articulator

# Arti-Fol® Articulating Film 8 µm



				REF	
	22 mm x 20 m			BK 20	BK 1020
	22 mm x 20 m			BK 21	BK 1021
	22 mm x 20 m			BK 22	BK 1022
	22 mm x 20 m			BK 23	BK 1023
	22 mm x 20 m			BK 24	BK 1024
	22 mm x 20 m			BK 25	BK 1025
	22 mm x 20 m			BK 26	BK 1026
	22 mm x 20 m			BK 27	BK 1027
	75 mm x 20 m			BK 70	
	75 mm x 20 m			BK 71	
	75 mm x 20 m			BK 72	
	75 mm x 20 m			BK 73	
	75 mm x 15 m			BK 74	
	75 mm x 15 m			BK 75	
	75 mm x 15 m			BK 76	
	75 mm x 15 m			BK 77	
	75 mm	1 x		BK 137	
	22 mm	1 x		BK 139	

 = recommended for dental office use

 = recommended for laboratory use



# Arti-Fol® Articulating Film 8 µm



## Arti-Fol® Articulating Film 8 µm

Arti-Fol® 8 µm is an ultra-thin occlusion test film, consisting of a polyester film of 8 µm thickness and a single or double-sided color coating.

The thin color coating consists of waxes and pigments, enriched with hydrophilic components, for improved marking on different materials.

This film stands out for its low material thickness and enables an exact and sharply contoured representation of the occlusal contacts.

Bausch Arti-Fol® Articulating Films are especially useful for the representation of static and dynamic occlusion in multiple colors. Four different colors are available for this purpose to represent static and different functional dynamic movements (protrusion, laterotrusion, mediotrusion side).

The different colors can also be used for wax-up concepts in the laboratory.

**Rolls 22 mm wide** |  |  |

Roll dispensers for clean and economical dispensing  
e.g. for fillings, crowns and bridges  
(restorative and functional dentistry)

**Arti-Fol® articulating film 8 µm in 75 mm width**

The occlusion test films are available in four colors and in 75 mm width. Wide films are mainly used in dental laboratories.

For easier handling in the articulator we offer our special Bausch Y-Holder BK 140 (see page 59).

**Rolls 75 mm wide** |  |

e.g. for occlusal splints, full dentures, checking the entire dental arch in the articulator



## Liquids and Sprays

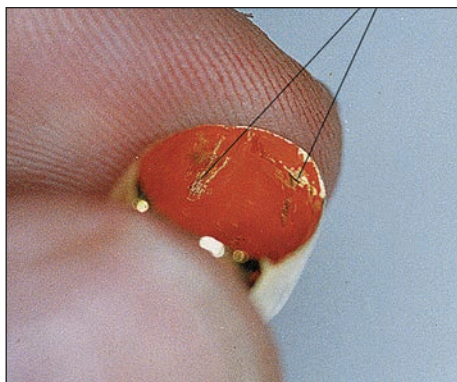
Since the 1980s, we have been providing liquids and sprays for adjusting prosthetic restorations:









- Arti-Spot® contact color for checking the fitting accuracy of crowns, easy to apply
- Arti-Spray® for the same purpose, spray can for quick use



Bio-Ink-Flow for marking sore spots has been introduced in 2016.

For extended occlusal examinations, Arti-Brux® indicator paint has been added during the same period.

# Bausch Arti-Spot® High Spot Indicator



				REF	
	Arti-Spot® 1	15 ml		BK	85
	Arti-Spot® 2	15 ml		BK	86
	Arti-Spot® 3	15 ml		BK	87

 = recommended for dental office use  
 = recommended for laboratory use

# Bausch Arti-Spot® High Spot Indicator



## Bausch Arti-Spot® High Spot Indicator

Arti-Spot® is a liquid contact color for checking the accurate fit of crowns, inlays, onlays, telescope crowns, clasps as well as friction surfaces.

Arti-Spot® is being applied with a brush onto the surface to be tested and leaves a thin film of approximal 3 µm after a few seconds, when the solvent has evaporated. Every contact destroys the color skin exactly at the point of contact. The contact area is then clearly visible.

We offer three different colors for a high-contrast representation on different materials.

Arti-Spot® can easily be removed using hot water with mechanical abrasion (toothbrush or interdental brush). Alcohol, isopropyl alcohol or steam jet will dissolve even final color residues. Arti-Spot® can be removed from sealed plaster models with a fine brush.










Bottle with brush |  | 



Precise application onto the surface to be tested (no direct intraoral application)  
e.g. for crowns, inlays, onlays, telescope crowns, clasps, and friction surfaces



# Bausch Arti-Spray® Occlusion Spray



				<b>REF</b>
	Arti-Spray®	75 ml		<b>BK 285</b>
	Arti-Spray®	75 ml		<b>BK 286</b>
	Arti-Spray®	75 ml		<b>BK 287</b>
	Arti-Spray®	75 ml		<b>BK 288</b>

 = recommended for dental office use  
 = recommended for laboratory use

# Bausch Arti-Spray® Occlusion Spray



## Bausch Arti-Spray® Occlusion Spray

Arti-Spray® is a universal marking spray, available in four different colors for checking occlusal contacts as well as the accurate fit of crowns, bridges, dentures and partial dentures.

Arti-Spray® can be precisely dosed and forms a thin powdery layer of color that is easy to remove with water or steam jet without leaving any residue. Arti-Spray® is sprayed from a distance of 3-5 cm onto the occlusal surface or the inner surface of the crown or bridge.

All contact points are easily recognizable as spots in the color layer. If necessary, contact points may be marked with a colored pen or Bausch Arti-Fol® Articulating Films for further evaluation. Arti-Spray® can also be used for approximal contacts when fitting crowns or bridges.

### Spray can

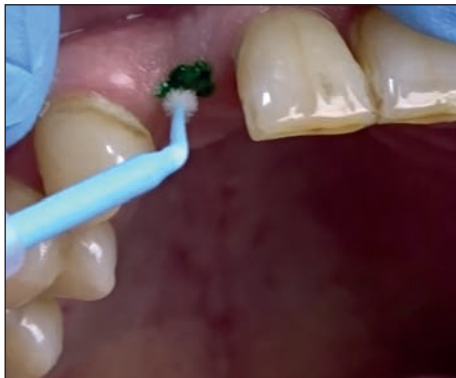
BK 285 | 







BK 286 | BK 287 | BK 288 |  |  |  | 

Quick application onto the surface being checked  
(no direct intraoral application)

e.g. for crowns, inlays, onlays, telescope crowns, clasps,  
and friction surfaces

# Bausch Bio-Ink®-Flow sore spot marker



				REF
	Set	1 ml	●	BK 205
		1 ml	●	BK 206



= recommended for dental office use

# Bausch Bio-Ink®-Flow sore spot marker




## Bausch Bio-Ink®-Flow sore spot marker

Bio-Ink®-Flow is a green, highly viscous, easy-to-apply paste for marking sore spots on the mucosa and identifying them on the denture.

Bio-Ink®-Flow can also be used to mark the AH-line, denture edges and vestibular fold.









The relevant areas are being marked with Bio-Ink®-Flow on the previously dried mucosa. When the dry denture is being inserted, the color applied to the sore spot is being transferred to the denture, showing the location to be adjusted.

Applicator syringe with needle |  |  
Set BK 205: incl. single-use applicators, applicator holder  
Precise application onto the mucosa

Applicator syringe with needle |  |  
BK 206: Precise application onto the mucosa

# Bausch Arti-Brux® Occlusal Indicator Paint



				REF
	Applicator	0,15ml		BK 88
	Set	15 ml		BK 89



= recommended for dental office use



# Bausch Arti-Brux® Occlusal Indicator Paint



## Bausch Arti-Brux® Occlusal Indicator Paint

Arti-Brux® is a red occlusion indicator paint for visualizing movement patterns on highly polished restorative and prosthetic restorations, as well as occlusal splints.

The saliva-resistant, thin and even color coating enables the patient's dynamic occlusion to be visualized over an extended period of time (max. 24 h).

Parafuncions (bruxism) can be visualized on hard occlusal splints or prosthetic restorations. Occlusion concepts such as anterior-canine guidance on splints can also be checked specifically.

Bottle with single-use brushes BK 89 |  |  
Precise application onto restorations, prosthetics and occlusal splints

Single-use applicator BK 88 |  |  
Precise application onto restorations, prosthetics and occlusal splints



## Arti-Pink Bite Registration Wax

In 2024, we added Arti-Pink Bite Wax to our range.









Waxes for bite registration can be traced back to the 19th century, when dentistry became more systematic and scientific. These waxes were developed to determine the exact position of the teeth and the patient's bite for prosthetic work such as crowns, bridges or dentures.

Despite new materials and technical developments such as silicones, other impression materials and digitalization, wax for bite registration remains an important and widely used material in dentistry.

The specific properties of wax can be used to advantage in special treatment therapies.

# Bausch Arti-Pink Bite Wax



				REF
	150 x 80 x 3 mm	12 x	●	BK 6003
	„L“ 79 x 68 x 3 mm	24 x	●	BK 6016
	„M“ 68 x 60 x 3 mm	24 x	●	BK 6017
	„S“ 64 x 56 x 3 mm	24 x	●	BK 6018

 = recommended for dental office use

 = recommended for laboratory use

# Bausch Arti-Pink Bite Wax



## Bausch Arti-Pink Bite Wax

Arti-Pink Bite Wax by Bausch is used for precise bite registration and enables the exact reproduction of contours in the intercuspation. It is characterised by its excellent modelling properties.

With a thickness of 3 mm, this extra hard wax is not only available as a 150 mm x 80 mm plate, but also in oval shape in the prefabricated sizes S, M and L.

In order to use Arti-Pink Bite Wax, heat the extra hard wax in hot water until it reaches a melting temperature of approximately 55° C. This makes it shapeable and ready for use for a precise bite registration.

Plates |  | 

Proven bite registration wax for prosthetic restorations, e.g. complete dentures and in general for determining the maxillomandibular relationship record.

Oval Shape |  | 

Proven bite registration wax in prefabricated oval shapes for prosthetic restorations, e.g. complete dentures and in general for determining the maxillomandibular relationship record.





















## Bausch Fleximeter®-Strips

As early as 1980, Fleximeter® was added to our product range as a single silicone instrument. The further development to today's product Fleximeter®-Strips took place in 2002.

# Bausch Fleximeter®-Strips



				REF
	1,0 mm	15 x		BK 250
	1,5 mm	15 x		BK 251
	2,0 mm	15 x		BK 252
1,0 mm   1,5 mm   2,0 mm	3 x 5 = 15	  	BK	253
1,0 mm   1,5 mm   2,0 mm	3 x 1 = 3	  	BK	254



= recommended for dental office use



= recommended for laboratory use

# Bausch Fleximeter®-Strips



## Bausch Fleximeter®-Strips

Fleximeter®-Strips are flexible gauges made from sterilizable silicone in three different thicknesses for determining the preparation distances of restorations.

Fleximeter®-Strips in the thicknesses of 1.0 mm, 1.5 mm and 2.0 mm can be used to produce a bite registration with controlled elevation of the bite, e.g. in the case of abrasive dentition or occlusal splints.

By applying a color layer with Arti-Spot® or Arti-Spray®, Fleximeter®-Strips can be used to check the preparation

distances. When these preparation distances are too low, a colored marking will be visible on the preparation.

Silicone gauges |  |  |  
For testing preparation distances












## Bausch Instruments & Accessories

The comfortable use of our occlusion test products is greatly enhanced by our bite frames and forceps.

We supply high-quality instruments as well as bite frames for bilateral occlusion control or for approximal use.

# Bausch paper & Arti-Fol® forceps



				REF
		1 x		BK 132
		1 x		BK 133
		1 x		BK 142
		1 x		BK 144
		1 x		BK 145

 = recommended for dental office use



# Bausch paper & Arti-Fol® forceps



## Bausch Paper & Arti-Fol® Forceps

### Arti-Fol® Forceps BK 132 |

We recommend the self-clamping Arti-Fol® forceps BK 132 with a milled longitudinal groove for a particularly secure grip of our articulating papers and occlusion films.

### Articulating Paper Forceps Type “Miller” BK 142 |

The “Miller” type articulating paper forceps is a high-quality instrument for holding different types of articulating papers.

### Arti-Fol® forceps “SteriSlide” BK 144 |

The Bausch forceps Arti-Fol® “SteriSlide” provides a milled longitudinal groove for an excellent grip of articulating films. In addition, these forceps have a slider (sterilization aid), which can be used to keep the forceps open during the sterilization process.

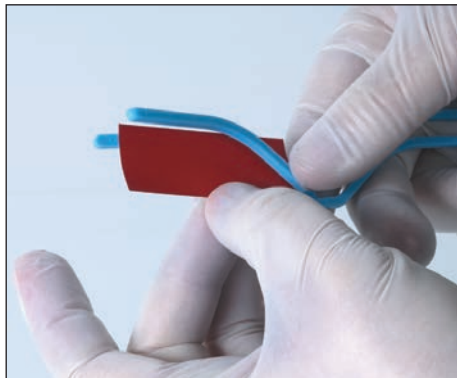
### Arti-Fol® forceps for approximal contacts BK 145 |















The Arti-Fol® forceps for approximal contacts, designed by Dr. Müller, is used for fast approximal seating of restorations. The innovative and user-friendly design enables significantly improved handling compared to conventional methods. The high clamping force enables the forceps to hold the occlusal film on two sides and ensures secure



guidance during the evaluation by the dentist. The film is being inserted quickly and conveniently. The instrument does not contain any cavities and can be easily disinfected or sterilized using all known methods.

To match the Arti-Fol® forceps for approximal contacts, we offer Arti-Fol® metallic 12 µm in 8 mm width. Arti-Fol® metallic is ideal for checking approximal contacts when inserting bridges or crowns due to its high tensile strength, clearly visible markings and low thickness.

# Bausch Bite Frames | Accessories



				REF
		1 x		BK 130
		1 x		BK 133
		1 x		BK 140
		5 x		BK 143
				REF
		1 x		BK 137
		1 x		BK 139

 = recommended for dental office use  
 = recommended for laboratory use

# Bausch Bite Frames | Accessories



## Bausch Bite Frames

### Flexible Bite Fork BK 130 (+ 2x BK 133) | |

Our flexible bite fork is a combination of two curved forceps BK 133 and a rubber handle BK 130. The forceps are simply inserted into the rubber handle and the distance can be adjusted for various jaw sizes.

### Fix-Clip® Bite Frame BK 143 | |

Fix-Clip® Bite Frame is an alternative to the metal instruments, used to securely hold thin articulating papers and occlusion test films. The flexible instrument can be sterilized.

### Bausch Y-Holder BK 140 | |

Bausch Y-Holder for 75 mm wide films or 80 mm wide silks. This holder is designed for application in the articulator.

## Accessories

The acrylic dispenser BK 137 is available for our wide silks and films.

A plastic dispenser for the 22 mm wide papers and films is available - order number BK 139. This dispenser contains an integrated metal serrated edge.



[www.bauschdental.com](http://www.bauschdental.com)

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