



Product Information | *Prophylaxis*

2018



professional prophylaxis

The miradent range offers a comprehensive program for dental prophylaxis.

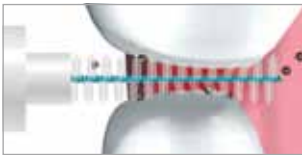
Particularly in the product category "Special Dental Care", we continuously develop innovative products to meet the increasing demand of dental professionals and patients for comprehensive oral prevention.

dental aesthetics

The dental aesthetics range addresses the market for cosmetic dental care. Mirawhite gelée and Miraclin Implant, targets the customers' desire for improved dental appearance. All product developments are strictly controlled to ensure only approved methods and selected ingredients are chosen.

medical care

The oral medical care range specialises in products for periodontal health, particularly for post-operative care following dental surgery. Most of the products (e.g. Miradont-Gel) have been used successfully in dental practices, and as prophylactic agents for many years.



Cleaning



Effective whitening



Rescue

Dear dental practice and pharmacy partners!

In recent years there has been a significant increase in severe gingival diseases in adults and seniors. The latest German Health Study shows that over 70% of adults nowadays suffer from periodontal diseases. Additionally, in Germany more than 10 million teeth are extracted every year due to tooth decay or periodontitis. Many of these instances are avoidable through preventative self-administered prophylaxis and sound dental advice.

Today's experts agree that dental prophylaxis is based on four 'pillars':

- 'Tooth-friendly' diet
- Systematic dental care
- Fluoridation
- Regular dental check-ups

miradent by Hager & Werken is a range of high-quality professional prophylaxis products. Since the establishment of the miradent brand in 1982 we have been committed to research and innovation in the dental field. Our approach has led to the development and introduction of many innovative products, including those featured in this brochure.

Professional products require professional advice. For miradent, this means our products are being sold exclusively through dental practices and pharmacies, where highly-qualified staff can offer valuable advice.

This product information gives an overview of the miradent range. Please feel free to request additional copies to distribute to your customers.

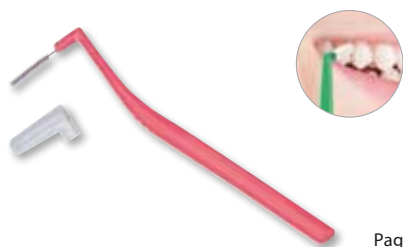
More information: **www.miradent.de**

We look forward to a good cooperation.

Your miradent Team



New products



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I-Prox® L

Interdental brush with hygienic protective cap

Mirawhite® shine

Teeth whitening pen

Miraclin Implant

Toothpaste for people with dental implants

Aquamed®

Lozenges and spray against mouth dryness

XyliPOP®

Lollipop sweetened with Xylitol – sugar free!



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Classic dental care

Professional prophylactic dental care requires more than just a toothbrush. Specific formulated mouthwashes and toothpastes are also essential components of a complete dental care to provide the best possible prevention of tooth decay.

Classic dental care – hypersensitive teeth



Open dentine tubules cause painful irritations



Sealed dentine tubules
 ● Potassium ions ● Hydroxyapatite

- ✓ 30% artificial enamel (hap)
- ✓ Calming tooth nerve (potassium citrate)
- ✓ With xylitol and 1,450 ppm fluoride
- ✓ Low enamel abrasion, RDA 30



mirasensitive hap⁺®

Intensive care for hypersensitive teeth

The majority of all adults suffer from teeth sensitivity. Causes for such hypersensitivities are exposed tooth necks, natural enamel degradation, erosion and stress in the thin dentin layer near the enamel/ cement border.

The recently developed hap⁺ dual complex fights the above mentioned degradations. The substance complex consists of 30% artificial enamel (hydroxyapatite) and includes 5% potassium ions to calm the tooth nerve itself. The artificial enamel seals the open dental tubuli, stopping the stimuli conductor to the tooth nerve. At the same time the potassium ions surround the tooth nerve with a protective layer. This dual complex provides long-term protection against hypersen-

sitivity. mirasensitive hap⁺ contains fluoride (1,450ppm) and xylitol which is known for its anti-plaque, tooth decay preventive and remineralising properties.

Preliminary studies confirm the effectiveness of mirasensitive hap⁺. After just one week of application, the build-up of artificial enamel becomes clearly visible. The low RDA value (30) supports a gentle dental care, minimising the abrasion of tooth enamel.



Design	REF
mirasensitive hap ⁺ , 50 ml	630 169

Classic dental care – toothpaste

- ✓ Cleans teeth and gingiva
- ✓ Prevents tooth decay
- ✓ Strengthens enamel
- ✓ Low enamel abrasion RDA 17



Mirafleur® C

High-quality amine fluoride toothpaste for optimal tooth decay prevention.

Amine fluoride compounds have significant plaque-reducing characteristics. The use of mirafleur amine fluoride toothpaste (1,250ppm) increases fluoride concentration in saliva and inhibits tooth decay development. By using Mirafleur C toothpaste, amine fluorides spread in the oral cavity rapidly, cover the tooth surfaces evenly with a homogenous molecular layer and distribute the fluoride where it is needed. The film-like consistency creates a layer on the teeth which stops the fluoride from being washed out quickly by saliva.



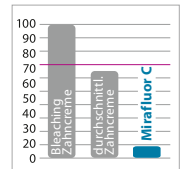
Toothpaste with amine fluoride



Amine fluoride enrichment can prevent plaque



Mentha Arvensis - field mint



Mirafleur C RDA 17

DIN EN ISO 11609
RDA-Wert



Design	REF
Mirafleur C, 100 ml	630 083

Dosing cap
For an optimal dosage of the mouth rinsing solution



- ✓ Free of alcohol
- ✓ Reduces fur on tongue
- ✓ With xylitol



The main ingredients have the following properties:

- **Fluoride** remineralises and increases the resistance against tooth decay.
- **Xylitol** is non-cariogenic, prevents tooth decay and is pH-neutral.
- **Hamamelis** protects against gum irritations (has a slight astringent effect).

The combination of the ingredients considerably reduces sulphurous methyl compounds (fur) on the upper surface of the tongue. This can lead to a lasting decline of heavy halitosis.



mirafluor® chx

Anti-bacterial mouth rinse solution with 0.06% chlorhexidine digluconate and 250 ppm fluoride

mirafluor chx is a ready-to-use mouth rinse solution with 0.06% chlorhexidine digluconate (CHX) for cleaning, care and protection of the oral cavity. The solution also contains a light fluoridation (250 ppm) and caries-preventing xylitol. In addition, the solution consists of hamamelis, a medicinal plant used by the North American Indians against inflammation but also for diarrhoea, dysentery and mucous discharges. mirafluor chx does not contain alcohol and for this reason is widely accepted. mirafluor chx is ideal for the prevention of bad breath, plaque, cervical tooth decay and gingival inflammations.

Design	REF
mirafluor chx, 100 ml	630 085
mirafluor chx, 500 ml	630 086

paroguard®

Ready-to-use mouthwash with 250 ppm fluoride

Even if restricted in oral hygiene, paroguard grants lasting care and cleaning. The mouthwash is alcohol-free, gently cares for the gums and prevents irritations of the gingiva as well as of the mouth and throat area. This can ensure perfect and lasting cleaning and care of the whole mouth and throat, even in case of limited hygiene abilities.

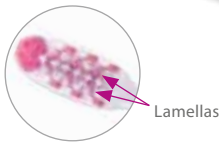
Further information:

- All of our mouthwashes are alcohol free.

Design	REF
paroguard, 200 ml	630 087

Classic dental care – toothbrushes

- ✓ Rubber lamellas for thorough cleaning
- ✓ Bended brush head
- ✓ Anatomic anti-slip grip



Lamellas

anti-slip grip



Carebrush® white

Toothbrush with “whitening” effect

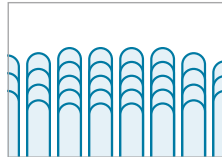
The Carebrush white combines the advantages of a conventional toothbrush with the technology of professional tooth cleaning. The conventional criss-cross bristles clean your teeth and interdental spaces. The bended brush head provides better access to the hard-to-reach molars. The cleaning effect of the rubber lamellas is similar to the effect obtained by using polishing cups in professional tooth cleaning. The tooth surface is cleaned gently and carefully, and tooth discoloration is thoroughly removed. As a result, the natural whiteness of the tooth is restored. The anatomic handle with rubber nubs provides a safe anti-slip grip.



Design	REF
Carebrush white, green	630 190
Carebrush white, pink	630 191



Tongue scraper



Soft

- ✓ Gentle and thorough cleaning
- ✓ Silky-soft micro bristle
- ✓ Anatomic anti-slip grip



Carebrush® supersoft

Toothbrush with silky-soft micro bristles

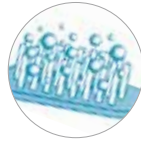
Exposed tooth necks and irritated gums require a particularly intensive oral care. The Carebrush supersoft has extra soft bristles, providing gentle and thorough cleaning of the hypersensitive exposed tooth necks, without compromising on the usual dental care. The anatomic handle with rubber nubs provides a safe anti-slip grip.



Design	REF
Carebrush supersoft, blue	630 195

Classic dental care – for in between

- ✓ Bristles impregnated with toothpaste
- ✓ Fresh mint flavor
- ✓ Ideal for on-the-go



Impregnated bristles
Ready-to-use with toothpaste already contained in the bristles



No Water needed



Happy Morning®

Prepasted and self-foaming toothbrush

Many years ago, Happy Morning was the first single-use brush on the German market. Since then it has continuously been modified and improved. The Happy Morning toothbrush with its short brushhead, allows for an easy access to the lateral tooth area. Dentists have always trusted the Happy Morning toothbrush which bristles are impregnated with toothpaste. It is ready-to-use making it suitable for on-the-go use, travelling and in the dental practice before treatments.

Further product advantages:

- Instantly usable
- Short brush head, 2,5 cm
- Hygienically, individually wrapped



Design	REF
Happy Morning, trans. blue with toothpaste, 100 pcs.	605 401
Happy Morning, trans. white without toothpaste, 100 pcs.	605 403



In between meals



At work



When travelling



Before a date



No water needed

- ✓ Bristles impregnated with toothpaste
- ✓ With xylitol
- ✓ Anti-plaque effect



Happy Morning® Xylitol

Self-foaming toothbrush with xylitol

The new Happy Morning Xylitol is a single-use toothbrush with toothpaste containing xylitol. The special feature of xylitol – a natural sugar substitute – is its inhibitory effect on plaque-forming bacteria and acid. Brushing teeth with xylitol toothpaste prevents the deposition of plaque on the tooth surface and contributes to the tooth decay prevention. The toothbrushes are packaged in an attractive box that also serves as a display.

Happy Morning Xylitol has the same advantages as Happy Morning including:

- Bristles impregnated with toothpaste containing xylitol
- Xylitol for additional "anti-plaque" effect, inhibiting plaque and acid-forming bacteria



Design	REF
Happy Morning Xylitol, 50 pcs.	605 496

Classic dental care – Sonic toothbrush

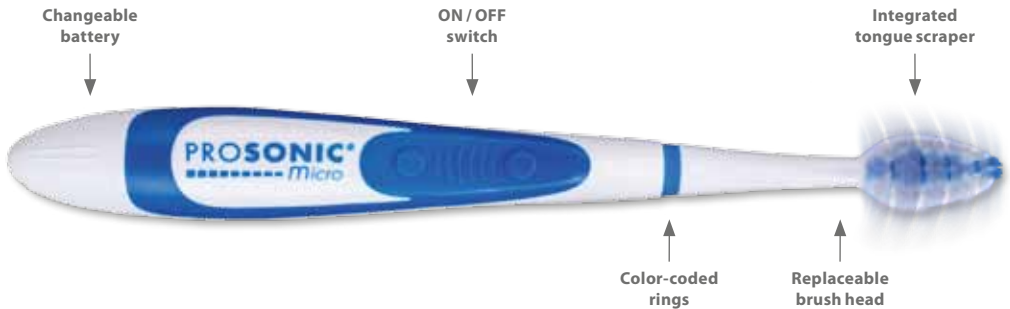
- ✓ 30,000 micro-vibrations per minute
- ✓ 8 x faster than traditional elec. toothbrushes
- ✓ With integrated tongue scraper



With integrated tongue scraper



30,000 micro vibrations per minute



Prosonic micro 2

Sonic toothbrush on-the-go

The Prosonic micro 2 is a low-priced, battery-powered sonic toothbrush, suitable for travel, and granting a thorough oral hygiene. The toothbrush cleans effectively at 30,000 vibrations per minute. Bacteria, plaque and tartar get optimally removed due to the micro-vibrations. The back of the brush head serves as a tongue scraper that reliably removes bacterial coating – a major cause of bad breath.

The Prosonic micro 2 is powered by a replaceable AA battery which lasts more than 30 days. Thus, the

Prosonic micro2 is ideal for daily use, travelling and for people with restricted mobility. The refill brushes can be identified by color-coded rings.

Design	REF
Prosonic micro 2	630 182
Brush head, set of two (medium)	630 183





Interdental cleaning

Interdental spaces, braces, brackets and bridges are particularly vulnerable to bacteria and debris on the teeth. They are also hard to clean as the spaces are small and difficult to reach. Products for cleaning these hard to reach spaces are essential for effective prophylactic care.

Interdental cleaning – dental floss

- ✓ High-quality floss
- ✓ Optimal interdental care
- ✓ Floss in 3 versions



Optimal interdental care



Mirafloss®

High-quality dental floss for optimal interdental care in three versions

Dental floss is a must for cleaning narrow interdental spaces.

Mirafloss chx-Tape allows chlorhexidine (CHX) to directly reach interdental spaces. CHX is clinically proven* to inhibit plaque build up and to prevent tooth decay from developing.

Mirafloss Tape is not a common floss. It is not waxed, but PTFE-coated. It easily slides into even the tightest interdental spaces. The tape “expands”, once brought into the interdental spaces, cleaning extremely effectively. It is extremely tear-resistant and does not fray.

Design	REF
Mirafloss chx-Tape, 20 m	630 078
Mirafloss Tape, 20 m	630 022
Mirafloss unwaxed, 20 m	630 077

Mirafloss unwaxed is a classical unwaxed dental floss, ideal for the thorough cleaning of large interdental spaces where it can be inserted very easily. Mirafloss chx-Tape, Mirafloss Tape and Mirafloss unwaxed are tear-resistant and will not fray.

* Source:
Löe H., Schiött C.R.: The effects of mouthrinses and topical application of chlorhexidine on the development of dental plaque and gingivitis in man. J Periodont Res 5, 79-83 (1970)



Interdental cleaning – dental floss holder



Easy handling



With toothpick function

- ✓ Easy to use
- ✓ With toothpick function
- ✓ Hygienic storage box



Floss holder

The floss holder ensures the floss is tightly stretched



Pick function

The pointed end of the handle can be used as a toothpick

Zahnpick®

Combination of dental floss and toothpick

Dental floss is extremely important for cleaning narrow interdental spaces. However, many consumers find flossing very inconvenient. Zahnpick solves the problem.

Zahnpick is:

- A toothpick to remove coarse food residues
- Dental floss to remove plaque and fine food debris

Zahnpick is the convenient combination of a dental floss and a toothpick – perfect for easy, comfortable interdental care. Fine, unwaxed floss is conveniently fixed on a small holder, and the handle makes it easy to floss all areas including the hard-to-reach molars. In addition, the end of the handle can be used as a toothpick.

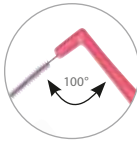


Storage in a reclosable box

Design	REF
Zahnpick, 30 pcs.	630 039
Zahnpick, 100 pcs.	605 637

Interdental cleaning – interdental brushes

- ✓ Ergonomic L-shaped handle
- ✓ Angled head (100°)
- ✓ Available in 6 sizes
- ✓ With 6 hygienic protective caps



100° angle
Reliable access to
hard-to-reach interdental
spaces



XXS
Very accurate cleaning
already from a \varnothing of only
0.4 mm

I-Prox® L

Interdental brush with hygienic protective cap

It is impossible to optimally clean your teeth by only brushing them daily. Food residues, bacteria and dental plaque quickly settle in sheltered interdental spaces as well as in brackets, braces and bridges.

In addition to brushing your teeth daily, it is also important to clean the interdental spaces daily in order to keep your teeth and gums healthy. Unlike toothpicks or similar aids, interdental brushes are particularly gentle and much more effective.

The new miradent I-Prox L is perfectly suitable for cleaning interdental spaces. The lengthened L-shaped handle and its angled head (100° angle) allow for an easy use and hygienic access to the

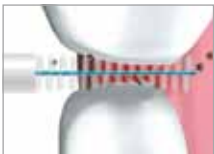
mouth. The brushes are available in 6 sizes.

Every I-Prox L comes with a cap, which is equipped with a small louvre, ensuring sufficient air ventilation after the brush has been used. Thus, every single brush remains hygienic and can be used for a long time.

The plastic-covered wire protects teeth and gums. I-Prox L not only stands for reliable oral hygiene, it is also great when travelling and in our mobile daily life.

Interdental cleaning – interdental brushes

Design		Ø Insert Cylinder		Cleaning Cylinder
xx-fine		Ø 0.4 mm		Ø 1.8 mm
x-fine		Ø 0.5 mm		Ø 2.0 mm
fine		Ø 0.6 mm		Ø 2.5 mm
medium		Ø 0.7 mm		Ø 3.5 mm
large		Ø 0.8 mm		Ø 5.0 mm
conical		Ø 0.8 mm		Ø 2.5 – 5.0 mm



Extensive cleaning

Design	REF
Pink, xx-fine	630 210
Yellow, x-fine	630 211
White, fine	630 212
Green, medium	630 213
Bordeaux, large	630 215
Orange, conical	630 214
Assorted	630 216



Interdental cleaning – interdental brushes

- ✓ Multi Functional system
- ✓ Storage compartment
- ✓ Set with 4 brushes



① Pic Angle



② Brush Storage



③ Back-Pic



Pic-Brush®

The Pic-Brush interdental brush is ideal for cleaning brackets, braces, bridges, and most of all interdental spaces. The 120°-Pic-angle of the conically shaped handle ensures optimal and safe use. In addition, the Back-Pic with its alternative way of insertion allows for a better cleaning of the front teeth.

Pic-Brush® Set

Interdental brush holder with one brush

Design	REF
Pic-Brush Set, trans. blue	631 002
Pic-Brush Set, trans. pink	631 003

Pic-Brush® Intro Kit

Interdental brush holder with four brushes in four thicknesses

Design	REF
Pic-Brush Intro Kit, trans.blue	631 005
Pic-Brush Intro Kit, trans. pink	631 006



- ✓ Protective wire coating
- ✓ Ultra-fine bristles
- ✓ Available in 7 sizes



interdental cleaning

















cleaning of brackets

Pic-Brush® Refill Brushes

Seven different interdental brushes made of a special wire with ultra-fine bristles, ensure a gentle and thorough cleaning. Brushes are hygienically packed in a reclosable storage box of either six or twelve color-coded pieces.

Design	Quantity	REF
Pink	6	631 013
	12	605 748
Yellow	6	631 014
	12	605 713
White	6	631 015
	12	605 722
Green	6	631 016
	12	605 631
Blue	6	631 017
	12	605 632
Bordeaux	6	631 050
	12	605 789
Orange	6	631 018
	12	605 711

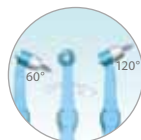
Design	Insert Cylinder	Cleaning Cylinder
xx-fine 	Ø 0.5 mm 	Ø 1.5 mm
x-fine 	Ø 0.6 mm 	Ø 1.8 mm
fine 	Ø 0.7 mm 	Ø 2.0 mm
medium 	Ø 0.8 mm 	Ø 2.2 mm
large 	Ø 0.8 mm 	Ø 3.0 mm
x-large 	Ø 0.8 mm 	Ø 6.5 mm
conical 	Ø 0.8 mm 	Ø 2.5 – 5.0 mm

Interdental cleaning – sulcus cleaning

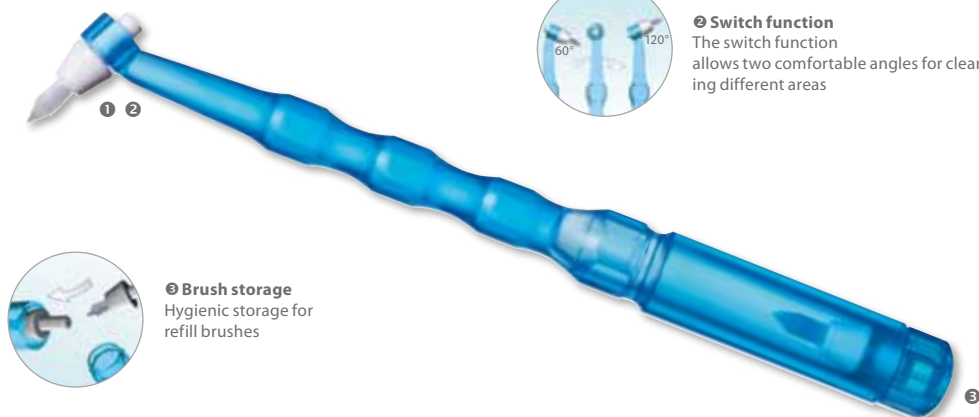
- ✓ Thorough and gentle cleaning
- ✓ Storage compartment
- ✓ Set with 4 brushes



① V-shape
The pointed bristle cleans the periodontium thoroughly, effectively and gently



② Switch function
The switch function allows two comfortable angles for cleaning different areas



③ Brush storage
Hygienic storage for refill brushes

I-Prox® P

Contains sulcus brush and four brushes

Neither toothbrushes, nor floss or interdental brushes clean every part of the mouth, such as:

- Sensitive exposed gingiva
- Gingival pockets
- Prosthetic works (bridges, crowns, implants, etc.)

The miradent sulcus brush with its finger-grip handle however, thoroughly and gently cleans areas that can neither be reached by toothbrush nor by interdental brush. The exchangeable brushes are V-shaped and can be stored in the back of the holder.

Design	REF
I-Prox P, trans. blue	631 032
I-Prox P, trans. pink	631 033
I-Prox P Refill brushes, 4 pcs.	631 034



Interdental cleaning – sulcus cleaning

Applications:



Molars



Brackets



Gingival pockets



Implants



Applications



Removal of debris

- ✓ Gentle and effective cleaning
- ✓ Removal of debris
- ✓ Easy home check-up

I-Prox® Care Set

Interdental care set

For a complete cleaning of the oral cavity the combined use of the pointed I-Prox P brush and the double-ended toothscraper I-Prox C is advisable. This way, even hard to reach areas with debris can be cleaned gently. Following the cleaning process, the anti-fog coated mouth mirror makes it easy to inspect the mouth cavity.

All above-mentioned products are now available in a convenient interdental care set.



Design	REF
I-Prox Care Set, trans. blue	630 160



Plaque detection

Dental health starts with thorough and regular dental care at home! However, even with disciplined brushing and flossing some areas might be missed. Professional prophylaxis products allow patients to easily detect plaque at home.

Plaque detection – plaque disclosing tablets

- ✓ Easy to use
- ✓ Two-color indication
- ✓ Free of erythrosine



Bite



Reaction



Check

Mira-2-Ton
Patented two-color reaction with plaque to reveal older (blue) and newer (pink) plaque

Separation mark
For children half a tablet serves for one test



Mira-2-Ton®

Plaque disclosing tablets for up to 12 tests

The miradent plaque test has been used in dental practices for many years. The tablets detect plaque: Older plaque is revealed in blue, newer plaque in pink. To use, chew one tablet (for children half a tablet), swirl around in the mouth with saliva, then spit out to check for plaque deposits. Discoloration can be removed by brushing teeth. miradent plaque disclosing tablets are free of erythrosine.

Design	REF
Mira-2-Ton, set of 6	631 027
Mira-2-Ton solution, 10 ml	605 659

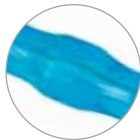


Plaque detection – home check up

- ✓ Anti-fog
- ✓ Comfortable use
- ✓ Ideal for home check-up



Anti-fog
Anti-fog coating optimises analysing all parts of the mouth



Octagonal ergonomics
Anatomically shaped handle for comfortable and accurate use

miradent® Mundspiegel

Anti-fog mouth mirror

A mouth mirror is indispensable for professional dental cleaning. Just like dentists depend on a mouth mirror for diagnosis in the practice, it is the only reliable way for checking your mouth at home. It is very difficult to locate problems and fight them effectively without one!

Design	REF
miradent Mundspiegel, trans. blue	630 065

The miradent mouth mirror has an angled, flat design to reflect every detail within the oral cavity.





- ✓ Plaque control
- ✓ Fruity bubble gum flavor
- ✓ Free of erythrosine



Apply
Rinse mouth with 10 ml for 30 seconds and spit out. Do not swallow!



Check
Plaque deposits are revealed in blue.



Remove
Brush thoroughly with toothpaste to remove the blue color.

Plaque Agent®

Plaque disclosing mouth rinse, erythrosine-free

Being on the track of plaque deposits!

The Plaque Agent mouth rinsing solution is a quick and easy way to help children see plaque deposits. It is fun to use and motivates children to brush and care for their teeth properly. It should ideally be used before brushing. The solution colors plaque deposits blue. The colored spots can then be removed by targeted brushing.

With a great 'bubble gum' taste, this product is popular with children and can help them understand the need for thorough daily dental care.

Design	REF
Plaque Agent, 500 ml	631 096

Instructions of use: Rinse the mouth with 10ml of Plaque Agent (one dosing cap) for 30 seconds. After spitting out, the plaque deposits will be blue, demonstrating which teeth require better brushing. The blue color can be easily removed with a children's toothpaste.

Plaque Agent may be used again to check the brushing results. There should no longer be any discoloration but in case there are, it likely means that the deposits are old and should get removed by a dentist.

Children may need help with mouth rinsing and parents should supervise the use of Plaque Agent.



Cosmetic dental care

Brilliant white teeth make a face look younger and more radiant. Teeth discoloration can be removed quite easily with our range of cosmetic products. Their use can significantly improve a person's smile and appearance.



- ✓ Effective whitening
- ✓ Removes discolorations
- ✓ Immediate illuminating effect



Mirawhite® gelée

For brilliant white teeth

With its innovative complex, Mirawhite gelée provides full protection. It gently removes tooth discoloration and actively supports regaining and keeping the natural teeth whiteness. Superficial tooth discoloration and deposits are removed by brushing the teeth, while further ingredients prevent a quick, re-occurring bacteria adhesion. The formation of tartar is reduced significantly.

A covering translucent layer is achieved by Mica, a mineral that has successfully been used for many years in cosmetic products. It makes the teeth feel noticeably smoother and gives them a vital, shiny effect which is immediately visible. The gelée does not

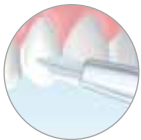
contain any nanotech material.

Mirawhite gelée has a bright blue color and a refreshing mint taste. It should be applied twice daily. It contains caries-preventive sodium fluoride (fluoride 1,450 ppm) and xylitol.



Design	REF
Mirawhite gelée, 100 ml	630 123

- ✓ Shiny white teeth in 14 days
- ✓ Easy, fast and pain-free
- ✓ Does not soften fillings



Application

Brush allows for a precise application, right down to the interdental spaces.

Dosage

The gel can be dosed exactly by slightly turning the end of the pen.



Mirawhite® shine

Teeth whitening pen

More and more people desire shiny white teeth. An attractive smile boosts your self-esteem and enhances the quality of life. However, it is only children who naturally have white teeth. When we get older our dental enamel decreases and our teeth become more yellowish. The dentine underneath the enamel dominates the overall impression, so that our teeth appear more yellowish and darker. In addition to that, things such as tea, coffee and red wine are the main cause for further discolouration.

With Mirawhite shine you can obtain effective tooth bleaching. The effect is based on the Ardox-X technology. Active oxygen molecules remove stains from the teeth. Discolouration is removed from the tooth surfaces, restoring their natural whiteness. The advantages this new technology offers are perfectly obvious. It also offers a wider application range when compared to traditional, more aggressive methods.

Compromises are not made, the result speaks for itself:

- Mirawhite shine dissolves in water and saliva and is non-abrasive. Unlike many peroxide-containing products, it does not cause irritations of the tooth substance and gingiva.
- Mirawhite shine is not harmful for fillings.
- Mirawhite shine bleaching gel is particularly gentle on the dental enamel, which is why its whitening effect lasts longer. On the other hand, products containing peroxide, have a tendency to roughen the tooth surface, making it much easier for dirt particles to settle on it. As a result, the bleaching effect is quickly lost.

Mirawhite shine is a convincing teeth bleaching gel for the use at home with which a whitening effect of up to five shades can be achieved. It should be



Residues



Application



Bleaching

- ✓ Hygienic pen-application
- ✓ Gentle on enamel and gingiva
- ✓ Peroxide-free teeth whitening



applied twice a day; after tooth brushing in the morning and evening. Only vital teeth can be bleached. Prosthetic works such as crowns, bridges, veneers and fillings cannot be whitened. First results become visible in just a fortnight. The teeth whitening gel comes in a pen-shaped applicator. Using the pen is easy, fast and safe. The brush allows for a precisely accurate use, making it easy to also reach partial discolouration on tooth necks or between the canine teeth. Needless to say that Mirawhite shine is also suitable for a full-mouth-bleaching.



Design	REF
Mirawhite shine, 1,8 ml	630 194

- ✓ Ardox-X whitening technology
- ✓ Avoids differences in color
- ✓ Enamel remineralization



Safe Implant



Miraclin Implant

Toothpaste for people with dental implants

One of the most exclusive restorations in the field of prosthetic dentures is a dental implant. Special care is required to maintain implants as long as possible, at best lifelong. Miraclin Implant has been developed to meet the needs of people with dental implants. Teeth, implants and gums are being cleaned thoroughly, while the Ardox-X technology preserves your teeth's natural whiteness, avoiding differences in color between natural teeth and implants. In combination with lactoferrin – an endogenous protein – Miraclin Implant unfolds all-round protec-

tion, supporting the regeneration of damaged cells along the implant. Additionally, Miraclin Implant prevents gum recession effectively, protects the implant against external influences and maintains the implant's stability. The above mentioned factors are all essential for long lasting maintenance of an implant. Remineralization and protection of the enamel are obtained by sodium fluoride (200 ppm F).

Design	REF
Miraclin Implant, 100 ml	630 165



Passion fruit

- ✓ Increases the saliva flow
- ✓ Plaque-inhibiting and tooth decay-preventive
- ✓ Strengthens the enamel



Aquamed®

Lozenges and spray against mouth dryness

Are you aware of the fact that over 25% of all adults are affected by mouth dryness? Mouth dryness is more than just an unpleasant feeling. It can lead to inflammations and even cause the loss of teeth. The following are known symptoms for mouth dryness: Dryness of the mucosa, difficulty in chewing or speaking, bad breath, intolerance of dentures, chapped lips.

Mouth dryness (Xerostomia) is caused by a salivary gland subfunction. The average unstimulated saliva flow of an adult is 0.25 – 0.35ml/min. Reduced saliva flow also causes a loss of important minerals such as calcium and phosphate. Consequently, the lost minerals cannot be re-absorbed by the enamel. This may result in developing tooth decay as the saliva

**Sugarfree • No Aspartam • No Gluten
No Lactose • No Fructose • No GMO**

loses its natural protective mechanism, resulting in decreased neutralization of food residue and acids. The absence of the natural protective mechanism provides bacteria with perfect condition to build coatings (plaque) unhindered. The saliva's over-acidification inevitably results in erosion damage on the tooth surface. The miradent Aquamed lozenges have been developed in cooperation with dental experts and meet the need of people suffering from mouth dryness. Beside the helpful enzyme (Lysozyme), the formula also includes calcium lactate, supporting the enamel's remineralization. The Aquamed mouth dryness lozenges are 100% sweetened with natural xylitol which is well known for its plaque-inhibiting and tooth decay-preventive properties.

Design	REF
Aquamed, 26 tab. (60 g)	630 164
Aquamed Spray, 30 ml	630 218

- ✓ Fights halitosis
- ✓ With xylitol
- ✓ Free of alcohol



halitosis spray

Instant fresh breath spray

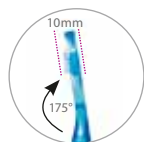
Fresh breath is essential to feel comfortable and confident towards other people. In most cases, bacteria colonising the tongue are the main cause for bad breath. In such cases, even frequent tooth brushing cannot prevent bad breath. The combination of selected essential oils and flavors and the special formulation guarantees immediate and long-lasting fresh breath. miradent halitosis spray fights volatile sulphur compounds produced by bacteria. The ingredient xylitol is known for its tooth decay preventive and remineralising effects and perfectly supports daily dental care. The

integrated pump mechanism makes an accurate application onto the upper surface of the tongue easy. Perfect for on-the-go use. miradent halitosis spray is free of alcohol and has a refreshing minty flavor.

Instructions of use:

Spray 1–4 times directly on the surface of the tongue when needed. For optimal results additionally clean the surface prior with the Tong-Clin De Luxe tongue cleaner.

Design	REF
halitosis spray, 15 ml	630 168



Slim technology
Extra flat and angled
cleaning head.



Concave scraper
Bended scraper for
an easy use



Tong-Clin® De Luxe

Tongue cleaner for removing bacterial coating
and preventing halitosis

In 90% of the population, bad breath originates from within the mouth. Studies* have shown that usually bacterial coatings on the tongue are responsible for this. These coatings disturb the sensitive bacterial balance, support the formation of plaque, which can affect the sense of taste. It is both, unhygienic and uncomfortable to remove these tongue coatings with a standard toothbrush.

The miradent tongue cleaner, with its finger grip handle, is particularly effective due to its short bristle field. In combination with the bristle field, the coatings are lifted and removed gently by the concave scraper. The angled and thin head reduces the gag reflex.

* Source:
Delanghe, G., Ghyselen, J., Feenstra, L., van Steenberghe, D.: Experiences of a Belgian Multidisciplinary Breath Odour Clinic; In: van Steenberghe, D., Rosenberg, M. (Hrsg.): Bad breath. A multidisciplinary approach. Leuven University Press, Leuven 1996. Tessier, J. F., Kulkarni, G. V.: Bad breath: etiology, diagnosis and treatment. Oral Health 81, 19 (1991).

Design	REF
Tong-Clin De Luxe, trans. blue	630 029
Tong-Clin De Luxe, trans. pink	630 030

- ✓ Gentle tongue cleaning
- ✓ Short bristle field
- ✓ Concave scraper



Tong-Clin® Gel

Soft and nourishing cleansing tongue gel

Tong-Clin Gel removes tongue coatings by applying antibacterial ingredients directly onto the dorsum (back of the tongue), and is, therefore, the ideal addition in cleaning your tongue. It is a natural product, containing the camomile, sage and marigold for gentle care of the tongue mucosa tissue. Tong-Clin Gel is an alcohol-free gel and provides a pleasant and long-lasting fresh and minty breath.

Tong-Clin Gel is also available in a combo pack as Tong-Clin Set and Tong-Clin Fresh.

Design	REF
Tong-Clin Gel, 50 ml	630 059
Tong-Clin Set with 50 ml Gel	631 060
Tong-Clin Fresh with 15 ml Gel	630 179



Xylitol range

Since its discovery, xylitol, a naturally healthy sugar substitute, has continually been taking on greater significance. Xylitol is a natural component found in fruits and vegetables which provides a true alternative for consumers enjoying sweet specialties while focussing on a balanced diet. Please consider current health claims in professional counselling.



- ✓ Tooth-friendly
- ✓ Contributes tooth mineralisation*
- ✓ GMO-free
- ✓ 1:1 sweetening power



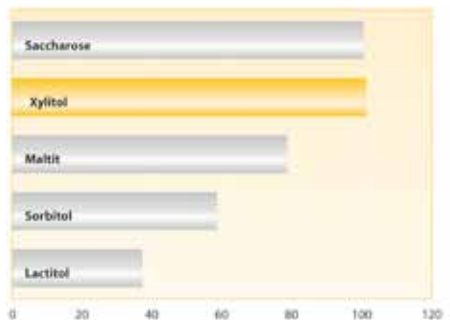
Xylitol Powder

100% natural sweetness

Xylitol is a natural sugar substitute without the disputed properties of conventional sugar and artificial sugar substitutes. An important aspect is its tooth-friendly properties. The bacteria inside the mouth cannot feed on xylitol. As a result, it sustainably inhibits the formation of dental plaque. Xylitol Powder is a natural substance also found in fruits and vegetable fiber. Therefore, it is an ideal alternative for millions of consumers, who like sweets, but focus on a balanced diet. Xylitol has the same sweetening power like household sugar, but 40% fewer calories. The uses are varied: To sweeten hot and cold drinks, fruits, muesli or for baking. Excessive consumption may have laxative effects.

Design	REF
Xylitol Powder, 350 g	630 119
Xylitol Powder, 100 Sachets à 4 g	630 120

Sweetening power of xylitol versus other sweeteners:



* Xylitol instead of sugar contributes to the maintenance of tooth mineralisation.

Xylitol range – Xylitol Chewing Gum / Xylitol Chewing Gum for Kids

Did you know?

Chewing gum sweetened with 100% xylitol has been shown to reduce dental plaque. High content/level of dental plaque is a risk factor in the development of caries in children.

Source: European Food Safety Authority (Q-2008-321)



Green Tea



Cinnamon



Fresh Fruit



Spearmint



Peppermint



Cranberry

Xylitol Chewing Gum

Dental care chewing gum in a re-sealable box (30 pcs.)

If consumed regularly, miradent chewing gum with xylitol sustainably reduces the formation of plaque on the tooth surface. If brushing your teeth after a meal is not possible, our xylitol chewing gum is an ideal alternative to use and to protect your teeth. We focus on high-quality raw materials and, therefore, entirely dispense with aspartame and sorbitol. Of course, the xylitol is won without the use of gene technology. The chewing gum is vegan – as well as gluten and fructose free.

Recommended daily allowance: Adults 1 – 10 pcs.

Design	REF
Spearmint, box with 30 g	630 079
Peppermint, box with 30 g	630 080
Cinnamon, box with 30 g	630 081
Fresh Fruit, box with 30 g	630 082
Cranberry, box with 30 g	630 090
Green Tea, box with 30 g	630 091

Xylitol Chewing Gum for Kids

Child-friendly, refreshing taste of apples or strawberries



Ingredients Spearmint, Peppermint, Cinnamon: sweetener: xylite, gum base, flavor, thickening agent: gum arabic, humectant: glycerin, emulsifier: **soy lecithin**, coloring agent: titanium dioxide, coating agent: carnauba wax. Ingredients Fresh Fruit, Cranberry: sweetener: xylite, gum base, flavor, thickening agent: gum arabic, humectant: glycerin, acidity regulator: malic acid, emulsifier: **soy lecithin**, coloring agent: titanium dioxide, coating agent: carnauba wax. Ingredients Green Tea: sweetener: xylite, gum base, flavor, thickening agent: gum arabic, humectant: glycerin, leaf extract (green tea), emulsifier: **soy lecithin**, coloring agent: titanium dioxide, coating agent: carnauba wax. Ingredients Apple and Strawberry: sweetener: xylite, chewing base, aroma, acidity regulator: malic acid, thickening agent: gum arabic, humectant: glycerin, colourant: titanium dioxide, emulsifier: **soy lecithin**, coating: carnauba wax.

Chewing gum with sweetener. Excessive consumption may have laxative effects! Please pay attention to a balanced, varied diet and a healthy lifestyle.

Design	REF
Apple, box with 30 g	630 192
Strawberry, box with 30 g	630 193

Xylitol range – Xylitol Drops / XyliPOP®

- ✓ Caries-preventive
- ✓ Contributes tooth mineralisation*
- ✓ Dental plaque inhibiting

* Xylitol instead of sugar contributes to the maintenance of tooth mineralisation.



Xylitol Drops

The tooth-friendly lozenges

miradent Xylitol Drops have specially been developed for an extended all-day oral care. The tooth surfaces benefit from the sugar substitute xylitol as it supports the re-storage of mineral components depleted from the teeth. In consequence it helps hardening the teeth surfaces, giving them better protection against food acids. The sweet miracle also scores with its tooth decay preventing properties: Oral bacteria cannot feed on xylitol. Therefore, it prevents the forming of dental plaque, significantly reducing the build-up of tooth decay. The consumption of the drops leaves your teeth feeling pleasantly smooth and clean.

Xylitol Drops have a slightly refreshing taste and are available in three flavours: Melon, Mint, Cherry

Ingredients Cherry: sweetener: xylitol (94 %), thickening agent: gum arabic; flavor; separating agent: magnesium stearate, acidity regulator: malic acid. Ingredients Melon: sweetener: xylitol (94 %), thickening agent: gum arabic; flavor; separating agent: magnesium stearate, acidity regulator: malic acid. Ingredients Mint: sweetener: xylitol (94 %), thickening agent: gum arabic; flavor; separating agent: magnesium stearate.

Lozenges with sweetener. Not suitable for children under 3 years of age (risk of suffocation). Excessive consumption may have laxative effects! Please pay attention to a balanced, varied diet and a healthy lifestyle.

Nutritional information per 100 g: Energy: 945 kJ/226 kcal; Fat: 0 g; of which saturated fatty acids: 0 g; Carbohydrates: 94 g; of which sugar: 0 g; Protein: 0 g; Salt: 0 g

Design	REF
Xylitol Drops, Cherry, 60 g	630 171
Xylitol Drops, Melon, 60 g	630 170
Xylitol Drops, Mint, 60 g	630 172

- ✓ Prevents tooth-decay
- ✓ Sugar free
- ✓ Fresh fruity strawberry flavour



**Sugarfree • No Aspartam • No Gluten
No Lactose • No Fructose • No GMO**

XyliPOP®

Lollipop sweetened with Xylitol – sugar free!

miradent XyliPOP lollipops not only have a fresh fruity flavour, but also play a role in contributing to dental health. They are sweetened with xylitol, known for its positive nutritional value (sugar-free and low in calories) and for preventing tooth decay. In addition to that, the XyliPOP lollipop contains calcium lactate which helps strengthen the enamel. Contains only natural ingredients.

Ingredients: sweetener: xylitol; stabiliser: isomalt; thickening agent: gum arabic; flavor; strawberry extract; acidity regulator: calcium lactate; acidifying agent: citric acid; separating agent: magnesium stearate; colouring agent: beetrootred.

Lollipop with sweeteners. Excessive consumption may have laxative effects.

Nutritional information per 100 g: Energy: 815 kJ/195 kcal; Fat: 0 g; of which saturated fatty acids: 0 g; Carbohydrates: 87 g; of which sugar: 0 g; Protein: 0 g; Salt: 0 g

Design	REF
XyliPOP, 6 g	630 208



Specialties

Professional prophylactic dental care requires more than just a toothbrush and toothpaste. Our range of specialised products adapted for particular conditions includes dental chewing gum, denture brushes and tongue cleaners. These are essential components of complete dental care.



- ✓ Against aphthae and lichen
- ✓ Quick relief
- ✓ Inhibition of bacteria



Miradont®-Gel

Micro nutrition gel for oral medical provision

Miradont-Gel is an innovation in wound treatment beyond conventional medicine. By developing its positive, physical mechanism of action, the micro-nutrient gel helps healing oral wounds. Its unique formula eases painful inflammations quickly and inhibits bacterial reproduction.

Miradont-Gel is useful in many dental applications:

- For pain relief in:
 - Aphthae and lichen
 - Irritations of the mucosa
 - Herpes lesions
 - Pressure spots caused by prosthetics
 - Revitalising following dental treatments

Design	REF
Miradont-Gel, 15 ml	155 000

Miradont-Gel contains a unique formula of micro nutrients, vitamins, herbal supplements, and the body's own trace elements.

Inflammations can cause a deficiency of micro nutrients and vitamins in the tissue. Miradont-Gel allows these important elements to be directly applied to the inflamed areas to compensate. In addition, bacteria are inhibited by trace elements, such as zinc which chemically repels bacteria away from cell openings and membranes. This enables the body to revitalise inflammations naturally.



Prosthetic restorations

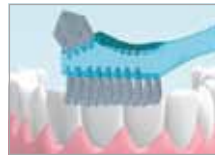
Efficient mouth hygiene is essential for everyone, especially at an older age as it also improves quality of life. Special age-adjusted products like implant floss or denture brushes are an important part of comprehensive dental care. A denture brush removes deposits reliably, thus preventing the accumulation of bacteria.



- ✓ Two bristle fields
- ✓ Finger-grip handle
- ✓ 2 colors available



Octagonal ergonomics
Ergonomically shaped large handle for safe and easy handling in case of limited hand movement (e.g. gout)



Protho Brush® De Luxe

Denture brush with an ergonomic finger-grip handle

Care of dentures is very important as food deposits and bacteria adhere particularly well to dentures and their attachments. This can lead to plaque, gingival diseases and damage to the jaw-bones, affecting both, the fit and comfort of dentures. Poor care can also result in unpleasant halitosis.

The miradent Protho Brush is a well-thought-out product: With its large, ergonomic finger grip handle it has been designed for easy handling, especially for older people. The large bristle field is for cleaning the outer denture surface. The V-shaped smaller bristle field perfectly cleans the hard-to-reach inner denture surfaces.



Design	REF
Protho Brush De Luxe, trans. blue	631 024
Protho Brush De Luxe, trans. pink	631 025

Prosthetic restorations – box for storing dentures

- ✓ Waterproof box
- ✓ With denture brush and mirror
- ✓ Ideal on-the-go

Brush
With two different
bristle fields



Locking mechanism
Enables water-tight sealing



Protho Box®

For storage and cleaning of prosthetic restorations

Keeping dentures safe can be difficult, especially when travelling. The Protho Box solves this problem as it is ideal for storing dentures safely. The Protho Box is completely waterproof, allowing dentures to be stored in a cleaning solution without the risk of leakage.

The bristle compartment contains a small, ergonomically shaped denture brush with large white bristles for cleaning the outer surfaces of the denture, and small black bristles for the inner surfaces. Cleaning tablets may also be stored in this compartment. The box features a mirror to assist when re-inserting prosthetic works.

Design	REF
Protho Box with brush	605 900
Single replacement brush	605 901



Prosthetic restorations – fleecy floss



Parodontal floss
 Fleecy material for thorough removal of plaque, 15 cm long



Stiff ends
 Facilitate threading



- ✓ For implants and bridges
- ✓ With anti-plaque effect
- ✓ Antibacterial



Mirafloss® Implant chx

Antibacterial CHX floss fibers from the roll

Mirafloss Implant chx offers fleecy floss “from the roll”. The dispenser includes 50 floss fibers, which can easily be separated by the tear-off edge. The stiff endings facilitate threading. Implants and bridges can ideally be cleaned with the fleecy center part, which is saturated with 0.2% chx. Chlorhexidine has an antibacterial effect and inhibits plaque bacteria.

Product advantages:

- Floss fibers in handy dispenser
- Antibacterial chx
- Two thicknesses:
 fine (Ø 1.5 mm) and medium (Ø 2.2 mm)



Design	REF
Mirafloss Implant chx, 50 pcs., fine (pink)	630 134
Mirafloss Implant chx, 50 pcs., medium (blue)	630 135



Kids' Corner

Children's toothbrushes, like our Kid's Brush, have proven to motivate for an independent dental care. Children should clean their teeth on their own starting from the age of four. Usually this is supported with programs in kindergartens and elementary

schools. However, parents also need to be involved to ensure good habits are formed at an early age. Our Kid's product range supports children to learn and enjoy a daily dental care routine.



1 Bristle field
Extra soft bristles
avoid injuries



2 Teething ring
Handle with nubs acts
as a teething ring and
enhances dentition

- ✓ Extra soft bristles
- ✓ With teething ring
- ✓ No risk of swallowing

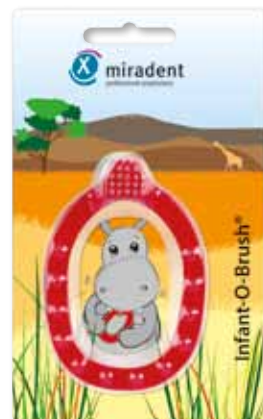


Infant-O-Brush®

Infant toothbrush and teething ring

“The sooner the better” – this is particularly important in dental care. The miradent infant toothbrush is suitable for children from as young as three months old. The bristles are extra soft and gentle on the gums and mouth in order to avoid injuries. The brush also serves as an oval teething ring which ensures safe and fun use while eliminating the risk of swallowing the brush.

Design	REF
Infant-O-Brush, red	630 026
Infant-O-Brush, yellow	605 617



- ✓ Small brush head
- ✓ With protective cover
- ✓ Self standing



Small brush head
With soft child-friendly bristles



Practical stand
To keep the toothbrush upright



Kid's Brush

Toothbrush with child-friendly bristles and hygienic protective cover in four animal characters

Fun toothbrushes motivate kids! The head of the brush is protected by a hinged protective cover with an opening for air circulation. The toothbrush handle also serves as a practical stand. The Kid's Brush comes with a name tag and in four fun animal characters.

Design	REF
Duck "Lady Ally", pink	630 046
Parrot "Prof. Paul", green	630 047
Bear "Roy", light blue	630 048
Dog "Bill", blue	630 049



Suction cup
For attaching the
product to any smooth
surface



- ✓ Hygienic toothbrush holder
- ✓ Suction cup
- ✓ Ideal air circulation



Funny Animals

Hygienic toothbrush holder with patented
snap lockin six fun characters

These fun toothbrush holders can be attached to any smooth surface using their practical suction cups. The patented snap-fit design allows a toothbrush to be snapped in and out of the holder easily. There is also air circulation to the brush when not in use. Suitable for children 3 years and above.

Design	REF
Funny Cow	630 099
Funny Giraffe	630 220
Funny Panda	630 222
Funny Lion	630 102
Funny Elephant	630 100
Funny Hippo	630 221



- ✓ Motivating
- ✓ With suction cup
- ✓ Very easy to read



Suction cup
For attaching the hourglass to any smooth surface

miradent® hourglass

Toothbrushing hourglass timer

A practical timer to motivate and help children easily understand how to monitor their brushing for 2 minutes: The miradent hourglass can be easily attached to smooth surfaces with the suction cup, helping to build good dental care habits from an early age.



Design	REF
miradent hourglass	630 068

- ✓ Safe snap lock
- ✓ Ideal on the go
- ✓ 3 colors available



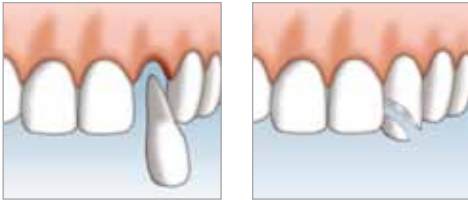
Dento Box® I

Solid transport and storage box

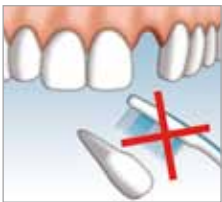
Orthodontic works are perfectly protected inside this extra small storage box with its safe, impact resistant snap lock. A small opening in the lid provides ideal air circulation, and a trendy cord ensures comfortable transport of this box for braces.



Design	REF
Dento Box I, blue, yellow cord	630 161
Dento Box I, white, blue cord	630 162
Dento Box I, pink, pink cord	630 163



Knocked out teeth or tooth fragments...



... MUST NOT BE CLEANED!

miradent® SOS Dentobox

Tooth rescue box

Sports activities or children's play time can lead to accidents in which a tooth breaks or falls out. Time is then of utmost importance for a successful replantation. The SOS Dentobox is an innovative way to prolong the life of broken or avulsed teeth, increasing the chance of successful replantation. It contains a patented, ready-for-use nutrient solution to protect the tooth cells. The tooth or tooth fragment can be stored safely in this solution for up to 48 hours, protecting it until it arrives at the dental surgery.

Statistically speaking, children have the most tooth accidents. We recommend that the SOS Dentobox should be available in all kindergartens, schools, sports facilities, public swimming pools and also in every first aid kit in your car and at home. Better safe than sorry.

- ✓ Ready for immediate use
- ✓ Safe storage up to 48 hours
- ✓ Replantation of avulsed teeth



Design	REF
miradent SOS Dentobox	631 040



miradent

oral care system



Manufacturer: Hager & Werken GmbH & Co. KG
Ackerstraße 1 · 47269 Duisburg, Germany
Tel.: +49 (203) 99269-0 · Fax: +49 (203) 299283
www.hagerwerken.de · www.miradent.de



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