



create **bright** smiles

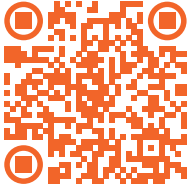


**PRODUCT
CATALOGUE**

create **bright** smiles



Global presence



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COMPANY PROFILE



Established in 1985,

DMP has entered its 5th decade of designing, delivering and developing solutions that empower dental professionals around the world. A family-owned business driven by shared values of integrity, passion and commitment, DMP is now in a unique position of collaboration between the first and second generations, combining decades of expertise with fresh perspectives to innovate and grow in today's dynamic dental industry.



The wide product range spans silicone impressions, restorative, preventative and orthodontic solutions all of which are crafted to support dental professionals in achieving the best outcomes for their patients. DMP takes pride of their global presence collaborating with professionals across diverse markets to meet customer needs and stay at the forefront of dental technology and innovation. The establishment of DMP USA in 2010 has helped DMP to provide specialized service for its ever-growing presence in the North American market.

“
*We believe that behind every
BRIGHT smile is a story,
and DMP provides products
that make a difference
for dental professionals and
patients alike.*
”

Excellence

Achieving

The headquarters are situated on the outskirts of Athens, Greece, 10 minutes from Athens international airport and 30 minutes from the international port of Piraeus. Their location is ideally suited for welcoming visitors as well as for the shipment of goods globally by all modes of transport.

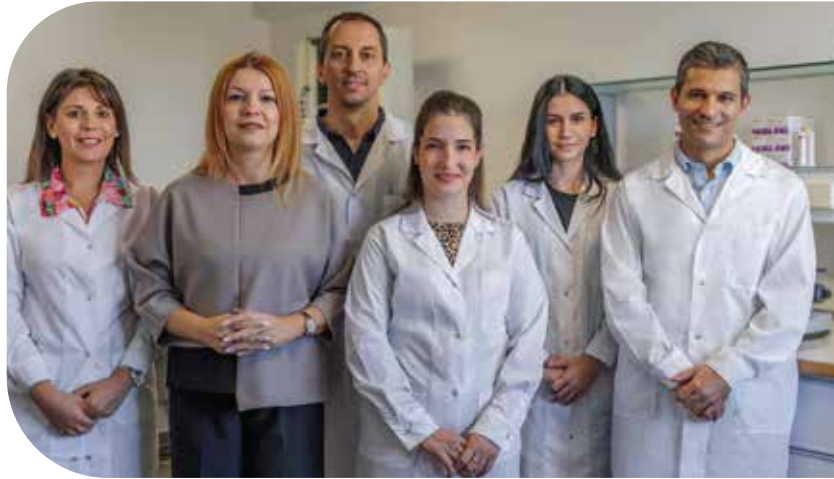
The modern premises have been designed from their conception specifically for DMP, with the particular needs of each product line in mind. Years of experience in production have led to the smallest details in manufacturing being considered and designed in the best possible way, with the finest raw materials incorporated to produce premium products. Its state-of-the-art laboratory, staffed by highly qualified scientific personnel, is fully equipped with all the modern instruments to support its strict quality control in production, the test requirements of the international standards as well as its continuous research and development program.

Above all, it is staffed by high-level professionals with excellent training in each specialized field. All the above guarantee DMP's commitment to products and services of the highest level.



Certifications

DMP's set of policies, processes and procedures have been laid down with the objective to continuously enhance customer satisfaction. All main areas of operation are kept in-house which guarantees the systematic monitoring of product control. DMP is certified with the quality system ISO 13485 and holds the certification for the Medical Device Single Audit Program (MDSAP). The medical devices are certified under the stringent European Union's MDR (Regulation (EU) 2017/745) and have received clearance by the U.S. Food and Drug Administration (FDA), as well as other relevant country specific approvals.



First class service

DMP aims to create BRIGHT smiles and to provide the highest level of satisfaction, by closely cooperating with its customers and maintaining a high degree of flexibility for individual market needs. DMP successfully supplies the dental market worldwide achieving top quality and reliability through integrity, passion and commitment which are ingrained in DMP's culture.



Heritage

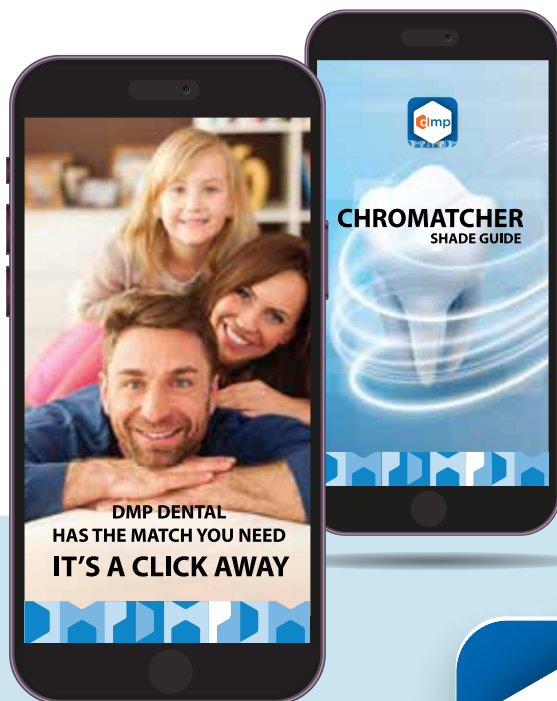


DMP embraces its Greek cultural roots by participating in the Athens Marathon race. The Athens Marathon is recognized as the original marathon course and finishes in the Panathenaic Stadium which was built for the first modern Olympics of 1896. It is a powerful team-building experience and an opportunity to give back to the community by helping different charitable organizations. This event connects employees while promoting team unity and resilience. DMP always ends the event with a post-race celebration for the achievements of all team members.

Chromatcher

Shade guide at your fingertips!

DMP enhances its digital product range by presenting the first ever mobile shade guide application.



This unique app offers the user (dentist or technician) the ability to accomplish the restoration effortlessly. The Chromatcher is used to determine the tooth shade of the patient by taking a photo of the desired tooth area and matching it with DMP's shade system for restorative materials. Therefore, the user knows the required shade immediately through the Chromatcher avoiding the use of conventional shade guides. This process applies for all aesthetic restorations with DMP's restorative materials.

COMPANY PROFILE



Download
Chromatcher now,
free at Apple Store!
(available for iOS)

SILICONE IMPRESSION MATERIALS



Product	Delivery System	Technique	Type	Indications										
				Crown / Bridge Work	Inlays, Onlays	Functional Peripheries	Functional Impressions	Reline Impressions	Case study models	Orthodontic impressions	Impressions for removing prosthesis	Fabricating temporary impressions	Bite Registrations	Scannable silicones

A - Silicones

Bonasil A+ Putty		One step putty/wash Two step putty/wash	■	●	●	●											
Bonascan Putty		One step putty/wash Two step putty/wash	■	●	●	●											●
Bonasil A+ Heavy		Single step Double step	■	●	●		●										
Bonascan Heavy		Single step Double step	■	●	●		●										●
Bonasil A+ Mono		Monophase	▲	●	●		●										
Bonascan Mono		Monophase	▲	●	●		●										●
Bonasil A+ Regular		Single step Double step	◆	●	●			●									
Bonasil A+ Light		Single step Double step	◆	●	●			●									
Bonascan Light		Single step Double step	◆	●	●			●									
Bonasil A+ Light HTS		Single step Double step	◆	●	●			●									●
Bonasil A+ Light Extra		Single step Double step	◆	●	●			●									
Bonasil A+ Alginate Free		Alginate applications								●	●	●	●				
Bona-Bite		Bite registrations															●
Bona-Bite Air		Bite registrations															●
Bonascan Bite Air		Bite registrations															● ●
Bona-Bite Crystal Vision		Transparent bite registrations															●

C - Silicones

Bonasil Putty		One step putty/wash Two step putty/wash	■	●	●	●											
Bonasil Light		One step putty/wash Two step putty/wash	◆	●	●			●									

- Tray Material
- Wash Material
- Monophase
- Cartridge 5:1
- Jar
- Cartridge 1:1
- Tube

Bonasil A+

A-SILICONE

Bonasil A+ is an addition curing vinyl polysiloxane silicone impression system (VPS) used to create impressions of the highest detail reproduction. The products are characterized by their hydrophilic properties, remarkable tear strength, dimensional accuracy and excellent resistance to permanent deformation.

Bonasil A+ impression materials are offered in various viscosities and delivery systems, in fast and regular setting times to cover any technique and application.

Reliability and exceptional properties place the Bonasil A+ materials amongst the top products in the world market. The quality control of DMP guarantees delivery of end product at its highest level while continuous research and development ensures enrichment and development of the impression material range.

SILICONE IMPRESSION MATERIALS



Bonasil A+ Putty

A-SILICONE

Indications

Two step putty/wash technique
 One step putty/wash technique
 Functional peripheries
 Crown/bridge work
 Inlays, onlays

Characteristics - Advantages

Ideal working time/setting time ratio
 Excellent consistency
 Exceptional dimensional stability
 Excellent elastic properties (high elastic memory)
 Remarkable tear strength
 Non-sticky

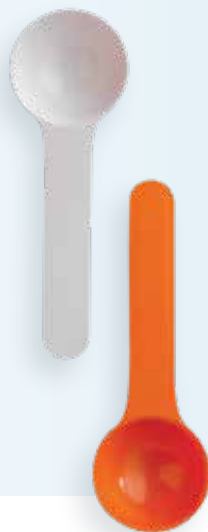
Technical Data

Ratio (base:catalyst)	1:1	1:1	5:1
Total working time (min)	1:00	2:00	1:30
Time in mouth (min)	2:00	2:30	3:00
Total setting time (min)	3:00	4:30	4:30
Setting description	Fast	Regular	-
Shore A hardness	72±2		
Strain in compression (%)	1-4		
Elastic recovery (%)	>99.0		
Linear dimensional change (%)	<0.2		
Tear strength (N/mm)	>6.0		
Colour	Orange		

Item No. Product Description

Bonasil A+ Putty

210101800	Putty base 400g, Putty catalyst 400g, scoops - RS
210101800F	Putty base 400g, Putty catalyst 400g, scoops - FS
210101380	Cartridge 380ml, mixers, o-ring
210101030	Cartridge 380ml x 2, o-ring



SILICONE IMPRESSION MATERIALS

Bonasil A+ Putty is a kneadable very high viscosity vinyl polysiloxane (VPS) preliminary impression material formulated to guide the flowable Bonasil A+ wash materials highly accurately to the surfaces that are clinically important. It is also available in the 380ml (5:1) cartridge for those who prefer automatic dispensing over manual kneading.

ISO 4823, ANSI / ADA No.19, Type 0 - putty consistency

Bonasil A+ Heavy

A-SILICONE

Indications

Single step impression technique
 Double step impression technique
 Crown/bridge work
 Inlay and onlay impressions
 Functional impressions

Characteristics - Advantages

Ideal working time/setting time ratio
 Thixotropic
 Exceptional dimensional stability
 Excellent elastic properties
 Remarkable tear strength
 Extra hydrophilic
 Void free
 Non-sticky

Technical Data

Ratio (base:catalyst)	1:1	1:1	5:1
Total working time (min)	1:00	2:00	1:30
Time in mouth (min)	2:00	2:30	3:00
Total setting time (min)	3:00	4:30	4:30
Setting description	Fast	Regular	-
Shore A hardness	75±2		
Strain in compression (%)	2-5		
Elastic recovery (%)	>99.5		
Linear dimensional change (%)	<0.2		
Tear strength (N/mm)	>6.0		
Colour	Yellow		

SILICONE IMPRESSION MATERIALS



Item No.

Product Description

Bonasil A+ Heavy

210107380	Cartridge 380ml, mixers, o-ring
210107030	Cartridge 380ml x 2, o-ring
210107010	Cartridge 50ml x 2, mixing tips - RS
210107010F	Cartridge 50ml x 2, mixing tips - FS
210107020	Cartridge 50ml x 4 - RS
210107020F	Cartridge 50ml x 4 - FS
210107040	Cartridge 50ml x 32 - RS
210107040F	Cartridge 50ml x 32 - FS
210107011	Cartridge 50ml x 2 - RS
210107011F	Cartridge 50ml x 2 - FS

Bonasil A+ Heavy is a high viscosity vinyl polysiloxane (VPS) preliminary impression material with excellent carving properties. The advanced surface technology (extra hydrophilic) along with the exceptional thixotropic characteristics makes Bonasil A+ Heavy an ideal impression tool in the hands of all dentists and especially the implantologists.

ISO 4823, ANSI / ADA No.19, Type 1 – heavy bodied consistency

Bonasil A+ Mono

A-SILICONE

Indications

Monophase technique
Crown/bridge work
Inlay and onlay impressions
Functional impressions

Characteristics - Advantages

Ideal working time/setting time ratio
Highly thixotropic
Ideal consistency for monophase technique
Exceptional dimensional stability
Excellent elastic properties
Remarkable tear strength
Extra hydrophilic
Void free
Non-sticky

Technical Data

Ratio (base:catalyst)	1:1	1:1	5:1
Total working time (min)	1:00	2:00	1:30
Time in mouth (min)	2:00	2:30	3:00
Total setting time (min)	3:00	4:30	4:30
Setting description	Fast	Regular	-
Shore A hardness	60±2		
Strain in compression (%)	3-5		
Elastic recovery (%)	>99.5		
Linear dimensional change (%)	<0.2		
Tear strength (N/mm)	>6.0		
Colour	Purple		

Item No. Product Description

Bonasil A+ Mono

210104380	Cartridge 380ml, mixers, o-ring
210104030	Cartridge 380ml x 2, o-ring
210103100	Cartridge 50ml x 2, mixing tips - RS
210103100F	Cartridge 50ml x 2, mixing tips - FS
210103200	Cartridge 50ml x 4 - RS
210103200F	Cartridge 50ml x 4 - FS
210104040	Cartridge 50ml x 32 - RS
210104040F	Cartridge 50ml x 32 - FS
210103011	Cartridge 50ml x 2 - RS
210103011F	Cartridge 50ml x 2 - FS



SILICONE IMPRESSION MATERIALS

Bonasil A+ Mono is a medium viscosity vinyl polysiloxane (VPS) impression material ideal for single impressions with the monophase technique. Its high elastic recovery in combination with its extra hydrophilicity ensures maximum accuracy for the impression.

ISO 4823, ANSI / ADA No.19, Type 2 – medium bodied consistency

Bonasil A+ Regular

A-SILICONE

Indications

Single step impression technique
 Double step impression technique
 Crown/bridge work
 Inlay and onlay impressions
 Reline impressions

Characteristics - Advantages

Ideal working time/setting time ratio
 Highly thixotropic
 Ideal consistency
 Exceptional dimensional stability
 Excellent elastic properties
 Remarkable tear strength
 Extra hydrophilic
 Void free
 Non-sticky

Technical Data

Total working time (min)	1:00	2:00
Time in mouth (min)	2:00	2:30
Total setting time (min)	3:00	4:30
Setting description	Fast	Regular
Shore A hardness	55±2	
Strain in compression (%)	3-5	
Elastic recovery (%)	>99.7	
Linear dimensional change (%)	<0.2	
Tear strength (N/mm)	>5.0	
Colour	Turquoise	

SILICONE IMPRESSION MATERIALS



Item No. Product Description

Bonasil A+ Regular

210105010	Cartridge 50ml x 2, mixing tips - RS
210105010F	Cartridge 50ml x 2, mixing tips - FS
210105020	Cartridge 50ml x 4 - RS
210105020F	Cartridge 50ml x 4 - FS
210105040	Cartridge 50ml x 32 - RS
210105040F	Cartridge 50ml x 32 - FS
210105011	Cartridge 50ml x 2 - RS
210105011F	Cartridge 50ml x 2 - FS

Bonasil A+ Regular is a medium viscosity vinyl polysiloxane (VPS) impression material exhibiting high thixotropy and excellent hydrophilic properties. Bonasil A+ Regular is ideal for use in the two-step impression technique in combination with Bonasil A+ Putty or Bonasil A+ Heavy.

ISO 4823, ANSI / ADA No.19, Type 2 – medium bodied consistency

Bonasil A+ Light

Indications

Two step putty/wash technique
 One step putty/wash technique
 Crown/bridge work
 Inlay and onlay impressions
 Reline impressions

Characteristics - Advantages

Outstanding precision in detail reproduction
 Ideal working/setting time ratio
 Highly thixotropic
 Ideal consistency
 Exceptional dimensional stability
 Excellent elastic properties
 Very high tear strength
 Extra hydrophilic
 Void free
 Non-sticky

Technical Data

Total working time (min)	1:00	2:00
Time in mouth (min)	2:00	2:30
Total setting time (min)	3:00	4:30
Setting description	Fast	Regular
Shore A hardness	50±2	
Strain in compression (%)	3-5	
Elastic recovery (%)	>99.9	
Linear dimensional change (%)	<0.2	
Tear strength (N/mm)	>4.8	
Colour	Blue	

A-SILICONE

Item No. Product Description

Bonasil A+ Light

210102010	Cartridge 50ml x 2, mixing tips - RS
210102010F	Cartridge 50ml x 2, mixing tips - FS
210102020	Cartridge 50ml x 4 - RS
210102020F	Cartridge 50ml x 4 - FS
210102040	Cartridge 50ml x 32 - RS
210102040F	Cartridge 50ml x 32 - FS
210102011	Cartridge 50ml x 2 - RS
210102011F	Cartridge 50ml x 2 - FS



SILICONE IMPRESSION MATERIALS

Bonasil A+ Light is a low viscosity vinyl polysiloxane (VPS) correction impression material with optimized thixotropy to ensure easy handling. Its exceptional elastic recovery and dimensional stability, together with its extra hydrophilic properties are essential characteristics which provide high accuracy in impressions.

ISO 4823, ANSI / ADA No.19, Type 3 – light bodied consistency

Bonasil A+ Light HTS

A-SILICONE

Indications

Two step putty/wash technique
 One step putty/wash technique
 Crown/bridge work
 Inlay and onlay impressions
 Reline impressions

Characteristics - Advantages

Exceptional tear strength
 Extra hydrophilic
 Outstanding precision in detail reproduction
 Highly thixotropic
 Ideal consistency
 Exceptional dimensional stability
 Excellent elastic properties
 Void free
 Non-sticky

Technical Data

Total working time (min)	1:15	2:00
Time in mouth (min)	2:45	4:00
Total setting time (min)	4:00	6:00
Setting description	Fast	Regular
Shore A hardness	62±2	
Strain in compression (%)	3-5	
Elastic recovery (%)	>99.9	
Linear dimensional change (%)	<0.15	
Tear strength (N/mm)	>6.5	
Colour	Green	

SILICONE IMPRESSION MATERIALS



Item No. Product Description

Bonasil A+ Light HTS

210112010	Cartridge 50ml x 2, mixing tips - RS
210112010F	Cartridge 50ml x 2, mixing tips - FS
210112020	Cartridge 50ml x 4 - RS
210112020F	Cartridge 50ml x 4 - FS
210112040	Cartridge 50ml x 32 - RS
210112040F	Cartridge 50ml x 32 - FS



Bonasil A+ Light HTS is a low viscosity vinyl polysiloxane (VPS) impression material with exceptional characteristics. Its highly accurate impressions are a result of its superior wettability due to its extra hydrophilic properties. The extremely high tear strength values ensure resistance to tear guaranteeing superior impressions upon removal from the mouth.

ISO 4823, ANSI / ADA No.19, Type 3 – light bodied consistency

Bonasil A+ Light Extra

Indications

Two step putty/wash technique
 One step putty/wash technique
 Crown/bridge work
 Inlay and onlay impressions
 Reline impressions

Characteristics - Advantages

Outstanding precision in detail reproduction
 Ideal working/setting time ratio
 Highly thixotropic
 Ideal consistency
 Exceptional dimensional stability
 Excellent elastic properties
 Very high tear strength
 Extra hydrophilic
 Void free
 Non-sticky

Technical Data

Total working time (min)	1:00	2:00
Time in mouth (min)	2:00	2:30
Total setting time (min)	3:00	4:30
Setting description	Fast	Regular
Shore A hardness	50±2	
Strain in compression (%)	3-5	
Elastic recovery (%)	>99.9	
Linear dimensional change (%)	<0.2	
Tear strength (N/mm)	>4.8	
Colour	Green	

A-SILICONE

Item No. Product Description

Bonasil A+ Light Extra

210119010	Cartridge 50ml x 2, mixing tips - RS
210119010F	Cartridge 50ml x 2, mixing tips - FS
210119020	Cartridge 50ml x 4 - RS
210119020F	Cartridge 50ml x 4 - FS
210119040	Cartridge 50ml x 32 - RS
210119040F	Cartridge 50ml x 32 - FS



SILICONE IMPRESSION MATERIALS

Bonasil A+ Light Extra is an extra low viscosity vinyl polysiloxane (VPS) correction impression material with optimized thixotropy to ensure easy handling. Its exceptional elastic recovery and dimensional stability together with its extra hydrophilic properties are essential characteristics which provide high accuracy in impressions.

ISO 4823, ANSI / ADA No.19, Type 3 – light bodied consistency

Bonasil A+ Alginate Free

A-SILICONE

Indications

Preliminary impressions
Anatomic models
Fabricating temporary crowns and bridges
Opposing dentition
Fabricating simple removable prosthetic restorations
Orthodontic work
Case study models

Characteristics - Advantages

Outstanding dimensional stability
Exceptional elastic recovery
Highly thixotropic
Ideal consistency
Repairable
Long shelf life
Remarkable tear strength
Void free
Non-sticky

Technical Data

Ratio (base:catalyst)	1:1	5:1
Total working time (min)	1:00	1:30
Time in mouth (min)	2:00	3:00
Total setting time (min)	3:00	4:30
Shore A hardness	45±2	
Strain in compression (%)	3-5	
Elastic recovery (%)	>99.5	
Linear dimensional change (%)	<0.2	
Tear strength (N/mm)	>4.5	
Colour	Sky Blue	

SILICONE IMPRESSION MATERIALS



Item No.

Product Description

Bonasil A+ Alginate Free

210109380	Cartridge 380ml, mixers, o-ring
210109030	Cartridge 380ml x 2, o-ring
210109010	Cartridge 50ml x 2, mixing tips
210109020	Cartridge 50ml x 4
210109040	Cartridge 50ml x 32

Bonasil A+ Alginate Free is a medium viscosity vinyl polysiloxane (VPS) impression material suitable for all alginate applications. The innovative A-Silicone Bonasil A+ Alginate Free combines the assets of VPS materials such as exceptional detail reproduction, elastic recovery, and dimensional stability with the properties of traditional alginates. It is also ideal for creating temporary crown and bridge impressions in preparation for the use of Bright Temporary C&B.

ISO 4823, ANSI / ADA No.19, Type 2 – medium bodied consistency

Cutting edge
technology that
include robotics
boosting efficiency
and precision



Bona-Bite

A-SILICONE

Bona-Bite encompasses a range of bite registration materials to ensure excellent occlusal registrations in fixed or removable prostheses, in standard as well as in the most special and demanding applications. This versatile range of products includes Bona-Bite for applications that require very high shore A hardness, Bona-Bite Air for clinicians that love the mousse like consistency, Bona-Bite Crystal Vision for applications that require transparent matrices.

SILICONE IMPRESSION MATERIALS



Indications

Making accurate occlusal registrations
 Standard bite registrations in the end bite position
 Key material for needle point registration
 Production of small model segments

Characteristics - Advantages

Extremely high Shore A hardness
 Highly thixotropic
 Ideal consistency
 Exceptional dimensional stability
 Remarkable tear strength
 Outstanding resistance to elastic rebound
 Void free
 Non-sticky

Technical Data

Total working time (min)	0:30
Time in mouth (min)	0:45
Total setting time (min)	1:15
Shore A hardness	93±2
Linear dimensional change (%)	<0.1
Tear strength (N/mm)	>6.0
Colour	Lavender

A-SILICONE

Item No. Product Description

Bona-Bite

210108010	Cartridge 50ml x 2, mixing tips
210108020	Cartridge 50ml x 4
210108040	Cartridge 50ml x 32



SILICONE IMPRESSION MATERIALS

REALITY
 Four Star Award



Bona-Bite is a rigid medium viscosity vinyl polysiloxane (VPS) material specifically for bite registrations with extremely high Shore A hardness. Bona-Bite has a fast intraoral setting time and retains enough flexibility for easy trimming or cutting. The outstanding handling characteristics are essential for an accurate occlusal registration at the first attempt.

ISO 4823, ANSI / ADA No.19, Type B – bite registration material

Bona-Bite Air

A-SILICONE

Indications

Making accurate occlusal registrations
 Standard bite registrations in the end bite position
 Key material for needle point registration
 Production of small model segments

Characteristics - Advantages

Mousse-like consistency
 Very high Shore A hardness
 Highly thixotropic
 Ideal consistency
 Exceptional dimensional stability
 Remarkable tear strength
 Outstanding resistance to elastic rebound
 Void free
 Non-sticky

Technical Data

Total working time (min)	0:30	0:40	1:30
Time in mouth (min)	0:45	1:00	3:00
Total setting time (min)	1:15	1:40	4:30
Setting description	Superfast	Fast	Regular
Shore A hardness	85±2		
Linear dimensional change (%)	<0.1		
Tear strength (N/mm)	>6.0		
Colour	Light Blue		

SILICONE IMPRESSION MATERIALS



Item No. Product Description

Bona-Bite Air

210113010	Cartridge 50ml x 2, mixing tips - SFS
210113010M	Cartridge 50ml x 2, mixing tips - FS
210113010E	Cartridge 50ml x 2, mixing tips - RS
210113020	Cartridge 50ml x 4 - SFS
210113020M	Cartridge 50ml x 4 - FS
210113020E	Cartridge 50ml x 4 - RS
210113040	Cartridge 50ml x 32 - SFS
210113040M	Cartridge 50ml x 32 - FS
210113040E	Cartridge 50ml x 32 - RS
210113011	Cartridge 50ml x 2 - SFS
210113011M	Cartridge 50ml x 2 - FS
210113011E	Cartridge 50ml x 2 - RS

Bona-Bite Air is a medium viscosity vinyl polysiloxane (VPS) material for bite registrations which is characterized by its mousse-like consistency making it very light on extrusion. Due to its high thixotropy non-drip it ensures accurate placement and enhanced patient comfort. It is available in three setting times and retains enough flexibility for easy trimming or cutting.

ISO 4823, ANSI / ADA No.19, Type B – bite registration material

Bona-Bite Crystal Vision

Indications

- Making transparent occlusal registrations
- Standard bite registrations in the end bite position
- Key material for needle point registration
- Production of small model segments
- Silicone guide for composite restorations

Characteristics - Advantages

- Outstanding transparency
- Excellent dimensional stability
- High final hardness
- Highly thixotropic
- Ideal consistency
- Very high tear strength
- Void free
- Non-sticky

Technical Data

Total working time (min)	1:00
Time in mouth (min)	2:00
Total setting time (min)	3:00
Shore A hardness	70±2
Strain in compression (%)	3-5
Linear dimensional change (%)	<0.3
Tear strength (N/mm)	>7.0
Colour	Clear

A-SILICONE

Item No. Product Description

Bona-Bite Crystal Vision

210111010	Cartridge 50ml x 2, mixing tips
210111020	Cartridge 50ml x 4
210111040	Cartridge 50ml x 32



SILICONE IMPRESSION MATERIALS

Bona-Bite Crystal Vision is a transparent vinyl polysiloxane (VPS) bite registration material with medium viscosity and is ideal for situations where a clear view of the area can optimize the accuracy of the impression. Its novel formulation produces highly transparent matrices through which the dentist can polymerize light-curing composites and, with this technique, greatly reduce the oxygen inhibition layer of the composite.

ISO 4823, ANSI / ADA No.19, Type B – bite registration material

Bonascan

SCANNABLE A-SILICONE

Bonascan is a digitally scannable VPS (vinyl polysiloxane) impression system giving the user additional options when taking impressions. These scannable A-Silicones, available in 50ml and where applicable in 380ml cartridges, are designed specifically for CAD/CAM technology and are compatible with all dental scanners.

By using Bonascan, the user takes advantage not only of the ease of traditional impression taking techniques but also of digital technology. The impression is directly scanned without additional surface treatment (no use of reflective sprays) resulting in excellent digital images without errors. In addition, areas that are difficult to capture with intraoral scanners are reproduced precisely and reliably with the Bonascan impression materials

The dentist benefits from all the advantages of digital technology and does not need to invest in an intraoral scanner since Bonascan impressions can be used with a desktop scanner at a fraction of the cost. Therefore, the user has improved workflow through instant communication and collaboration with the dental lab and has the ability of immediate feedback for enhanced treatment planning. Moreover, a digital record for insurance and future references is established.



SILICONE IMPRESSION MATERIALS

Bonascan Putty

Indications

Two step putty/wash technique
 One step putty/wash technique
 Functional peripheries
 Crown/bridge work
 Inlays, onlays

Characteristics - Advantages

Optically optimized scans
 Highly precision images because of powder free direct scanning
 Traditional impression techniques
 Process optimization (elimination of model pouring)
 Careful and magnified evaluation of the impression
 Increased efficiency in the collaboration with the laboratory
 Immediate feedback from the laboratory or specialist

Technical Data

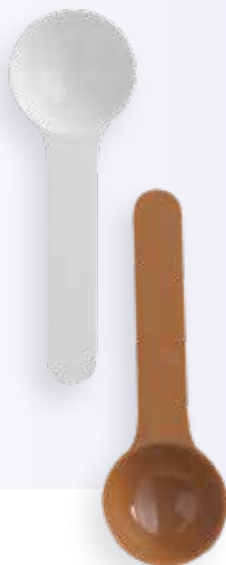
Ratio (base:catalyst)	1:1	1:1	5:1
Total working time (min)	1:00	2:00	1:30
Time in mouth (min)	2:00	2:30	3:00
Total setting time (min)	3:00	4:30	4:30
Setting description	Fast	Regular	-
Shore A hardness	72±2		
Strain in compression (%)	1-4		
Elastic recovery (%)	>99.0		
Linear dimensional change (%)	<0.2		
Tear strength (N/mm)	>6.0		
Colour	Brown		

SCANNABLE A-SILICONE

Item No. Product Description

Bonascan Putty

210124800	Putty base 400g, Putty catalyst 400g, scoops - RS
210124800F	Putty base 400g, Putty catalyst 400g, scoops - FS
210124380	Cartridge 380ml, mixers, o-ring
210124030	Cartridge 380ml x 2, o-ring



SILICONE IMPRESSION MATERIALS

Bonascan Putty is a scannable, kneadable, very high viscosity vinyl polysiloxane (VPS) preliminary impression material formulated to guide the flowable Bonascan wash materials, highly accurately to the surfaces that are clinically important. It is ideal for dentists who prefer traditional impression methods but who want to take advantage of the benefits of digital technology. It is also available in the 380ml (5:1) cartridge for those who prefer automatic dispensing over manual kneading.

ISO 4823, ANSI / ADA No.19, Type 0 - putty consistency

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Bonascan Heavy

SCANNABLE A-SILICONE

Indications

Single step impression technique
 Double step impression technique
 Crown/bridge work
 Inlay and onlay impressions
 Functional impressions

Characteristics - Advantages

Optically optimized scans
 Highly precision images because of powder free direct scanning
 Traditional impression techniques
 Process optimization (elimination of model pouring)
 Careful and magnified evaluation of the impression
 Increased efficiency in the collaboration with the laboratory
 Immediate feedback from the laboratory or specialist

Technical Data

Ratio (base:catalyst)	1:1	1:1	5:1
Total working time (min)	1:00	2:00	1:30
Time in mouth (min)	2:00	2:30	3:00
Total setting time (min)	3:00	4:30	4:30
Setting description	Fast	Regular	-
Shore A hardness	75±2		
Strain in compression (%)	2-5		
Elastic recovery (%)	>99.5		
Linear dimensional change (%)	<0.2		
Tear strength (N/mm)	>6.0		
Colour	Blue		

SILICONE IMPRESSION MATERIALS



Item No.

Product Description

Bonascan Heavy

210121380	Cartridge 380ml, mixers, o-ring
210121030	Cartridge 380ml x 2, o-ring
210121010	Cartridge 50ml x 2, mixing tips - RS
210121010F	Cartridge 50ml x 2, mixing tips - FS
210121020	Cartridge 50ml x 4 - RS
210121020F	Cartridge 50ml x 4 - FS
210121040	Cartridge 50ml x 32 - RS
210121040F	Cartridge 50ml x 32 - FS

Bonascan Heavy is a scannable high viscosity vinyl polysiloxane (VPS) preliminary impression material with excellent carving properties. It is ideal for dentists who prefer traditional impression methods but who want to take advantage of the benefits of digital technology. The advanced surface technology (extra hydrophilic) along with the exceptional thixotropic characteristics makes Bonascan Heavy an ideal impression tool in the hands of all dentists and especially the implantologists.

ISO 4823, ANSI / ADA No.19, Type 1 – heavy bodied consistency

Bonascan Mono

Indications

Monophase technique
Crown/bridge work
Inlay and onlay impressions
Functional impressions

Characteristics - Advantages

Optically optimized scans
Highly precision images because of powder free direct scanning
Traditional impression techniques
Process optimization (elimination of model pouring)
Careful and magnified evaluation of the impression
Increased efficiency in the collaboration with the laboratory
Immediate feedback from the laboratory or specialist

Technical Data

Ratio (base:catalyst)	1:1	1:1	5:1
Total working time (min)	1:00	2:00	1:30
Time in mouth (min)	2:00	2:30	3:00
Total setting time (min)	3:00	4:30	4:30
Setting description	Fast	Regular	-

Shore A hardness	60±2
Strain in compression (%)	3-5
Elastic recovery (%)	>99.5
Linear dimensional change (%)	<0.2
Tear strength (N/mm)	>6.0
Colour	Purple

SCANNABLE A-SILICONE

Item No. Product Description

Bonascan Mono

210123380	Cartridge 380ml, mixers, o-ring
210123030	Cartridge 380ml x 2, o-ring
210123010	Cartridge 50ml x 2, mixing tips - RS
210123010F	Cartridge 50ml x 2, mixing tips - FS
210123020	Cartridge 50ml x 4 - RS
210123020F	Cartridge 50ml x 4 - FS
210123040	Cartridge 50ml x 32 - RS
210123040F	Cartridge 50ml x 32 - FS



SILICONE IMPRESSION MATERIALS

Bonascan Mono is a scannable medium viscosity vinyl polysiloxane (VPS) impression material ideal for single impressions with the monophase technique. It is ideal for dentists who prefer traditional impression methods but who want to take advantage of the benefits of digital technology. The high elastic recovery of Bonascan Mono in combination with its extra hydrophilicity, ensures maximum accuracy for the impression.

ISO 4823, ANSI / ADA No.19, Type 2 – medium bodied consistency

Bonascan Light

SCANNABLE A-SILICONE

Indications

Two step putty/wash technique
 One step putty/wash technique
 Crown/bridge work
 Inlay and onlay impressions
 Reline impressions

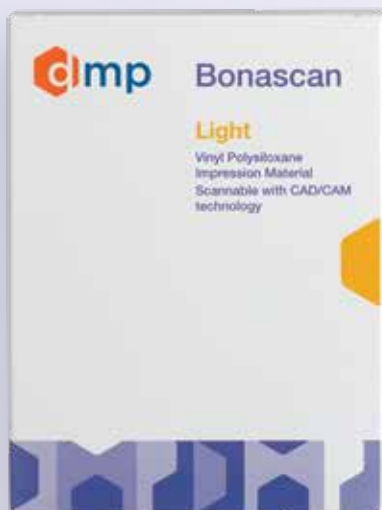
Characteristics - Advantages

Optically optimized scans
 Highly precision images because of powder free direct scanning
 Traditional impression techniques
 Process optimization (elimination of model pouring)
 Careful and magnified evaluation of the impression
 Increased efficiency in the collaboration with the laboratory
 Immediate feedback from the laboratory or specialist

Technical Data

Total working time (min)	1:00	2:00
Time in mouth (min)	2:00	2:30
Total setting time (min)	3:00	4:30
Setting description	Fast	Regular
Shore A hardness	50±2	
Strain in compression (%)	3-5	
Elastic recovery (%)	>99.9	
Linear dimensional change (%)	<0.2	
Tear strength (N/mm)	>4.8	
Colour	Yellow	

SILICONE IMPRESSION MATERIALS



Item No. Product Description

Bonascan Light

210122010	Cartridge 50ml x 2, mixing tips - RS
210122010F	Cartridge 50ml x 2, mixing tips - FS
210122020	Cartridge 50ml x 4 - RS
210122020F	Cartridge 50ml x 4 - FS
210122040	Cartridge 50ml x 32 - RS
210122040F	Cartridge 50ml x 32 - FS

Bonascan Light is a scannable low viscosity vinyl polysiloxane (VPS) correction impression material and is ideal for dentists who prefer traditional impression methods but who want to take advantage of the benefits of digital technology. The optimized thixotropy of Bonascan Light ensures easy handling. While its exceptional elastic recovery and dimensional stability together with its extra hydrophilic properties are essential characteristics which provide high accuracy in impressions.

ISO 4823, ANSI / ADA No.19, Type 3 – light bodied consistency

Bonascan Bite Air

Indications

Making accurate occlusal registrations
 Standard bite registrations in the end bite position
 Key material for needle point registration
 Production of small model segments

Characteristics - Advantages

Mousse-like consistency
 Optically optimized scans
 Highly precision images because of powder free direct scanning
 Traditional impression techniques
 Process optimization (elimination of model pouring)
 Careful and magnified evaluation of the impression
 Increased efficiency in the collaboration with the laboratory
 Immediate feedback from the laboratory or specialist

Technical Data

Total working time (min)	0:30	0:40	1:30
Time in mouth (min)	0:45	1:00	3:00
Total setting time (min)	1:15	1:40	4:30
Setting description	Superfast	Fast	Regular
Shore A hardness	85±2		
Linear dimensional change (%)	<0.1		
Tear strength (N/mm)	>6.0		
Colour	Light Blue		

SCANNABLE A-SILICONE

Item No. Product Description

Bonascan Bite Air

210120010	Cartridge 50ml x 2, mixing tips - SFS
210120010M	Cartridge 50ml x 2, mixing tips - FS
210120010E	Cartridge 50ml x 2, mixing tips - RS
210120020	Cartridge 50ml x 4 - SFS
210120020M	Cartridge 50ml x 4 - FS
210120020E	Cartridge 50ml x 4 - RS
210120040	Cartridge 50ml x 32 - SFS
210120040M	Cartridge 50ml x 32 - FS
210120040E	Cartridge 50ml x 32 - RS



SILICONE IMPRESSION MATERIALS

Bonascan Bite Air is a scannable medium viscosity vinyl polysiloxane (VPS) material for bite registrations and is ideal for dentists who prefer traditional impression methods but who want to take advantage of the benefits of digital technology. Bonascan Bite Air is characterized by its mousse-like consistency making it very light on extrusion. Due to its high thixotropy (non-drip) it ensures accurate placement and enhanced patient comfort. It is available in three setting times and retains enough flexibility for easy trimming or cutting.

ISO 4823, ANSI / ADA No.19, Type B – bite registration material

Bonasil

C-SILICONE

Bonasil, polysiloxane-based condensation curing silicones, offer a reliable and easy to use solution for impression needs. They are provided in two viscosities and are available in a variety of packaging offerings. Characterized by their manual mixing, they produce high-quality dental impressions while being an economically attractive solution.



SILICONE IMPRESSION MATERIALS

Indications

Two step putty/wash technique
One step putty/wash technique
Functional peripheries

Characteristics - Advantages

Kneadable Putty
Smooth Handling
Elastic Strength
Easy withdrawal
Non-sticky

Technical Data

Total working time (min)	1:15
Time in mouth (min)	2:30
Total setting time (min)	3:45
Shore A hardness	65±2
Strain in compression (%)	2-5
Elastic recovery (%)	>99.0
Linear dimensional change (%)	<0.3
Tear Strength (N/mm)	>5.0
Colour	Yellow

C-SILICONE

Item No. Product Description

Item No.	Product Description
	Bonasil Putty
200101900	Bonasil Putty 900ml
200180001	Bonasil 400ml, (Putty 300ml, Light 60ml, Activator Paste 40ml)
200180002	Bonasil 1100ml, (Putty 900ml, Light 140ml, Activator Paste 60ml)



SILICONE IMPRESSION MATERIALS

Bonasil Putty is a kneadable very high viscosity C-Silicone (condensation curing). It is based on polysiloxanes and is suitable as a base impression material to be used in conjunction with Bonasil Light.

ISO 4823, ANSI / ADA No.19, Type 0 – putty consistency

Bonasil Light

C-SILICONE

Indications

Two step putty/wash technique
One step putty/wash technique
Reline impressions

Characteristics - Advantages

High dimensional stability
Premium detail reproduction
High tear strength

Technical Data

Total working time (min)	1:30
Time in mouth (min)	4:00
Total setting time (min)	5:30
Shore A hardness	45±2
Strain in compression (%)	2-8
Elastic recovery (%)	>99.0
Linear dimensional change (%)	<0.6
Tear Strength (N/mm)	>4.0
Colour	Blue

SILICONE IMPRESSION MATERIALS



Item No. Product Description

200102140	Bonasil Light Bonasil Light 140ml
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Bonasil Light is a C-silicone, elastomeric, high precision correction impression material of low viscosity. Its ideal consistency allows it to flow with ease into the margin areas resulting in highly accurate impressions

ISO 4823, ANSI / ADA No.19, Type 3 – light bodied consistency

Bonasil Activator Paste

C-SILICONE

Dosage

BONASIL Putty

1 scoop (18g)



BONASIL Activator Paste

1 diameter of scoop (0.35g)

BONASIL Light

10cm (2.9g)

1 2 3 4 5 6 7 8 9 10 11 12 13 14

BONASIL Activator Paste

10cm (0.8g)

1 2 3 4 5 6 7 8 9 10 11 12 13 14

Factors affecting working and setting times

Dosing

Overdosing of activator reduces working and setting times
Underdosing of activator prolongs working and setting times

Application is at

23°C ± 2°C / 73°F ± 4°F,
50 ± 5% relative humidity

Higher temperature reduces working and setting times
Lower temperature prolongs working and setting times

Item No. Product Description

200104060 Bonasil Activator Paste
60ml



SILICONE IMPRESSION MATERIALS

Bonasil Activator Paste is a catalyst for the condensation curing materials. It is a bright red smooth paste and contrasts very well with the yellow colour of the putty and the blue of the light body. It is also used as the catalyst for Bonalabor Putty for laboratory applications.



Bonasil A+ Lab Putty

LABORATORY A-SILICONE

Indications

Mask for creating temporary prosthetics
 Matrix for removable gingival masks
 Repair of models
 Key for occlusal adjustment for positioning in the articulator
 Duplication of plaster models and total prostheses
 Base for photo-polymerizing work
 Other dental technical procedures

Characteristics - Advantages

Excellent consistency
 Exceptional dimensional stability
 Heat resistant
 High detail reproduction
 Non-sticky

Technical Data

Ratio (base:catalyst)	1:1
Mixing time (min)	0:30
Total setting time (min)	1:30
Setting time (min)	6:00
Shore A hardness	85±2
Elastic recovery (%)	>99.5
Linear dimensional change (%)	<0.2
Detail reproduction (µm)	20
Colour	Light Blue

SILICONE IMPRESSION MATERIALS

Item No. Product Description

Bonasil A+ Lab Putty

210106800	Putty base 400g, Putty catalyst 400g, scoops
210106001	Putty base 5Kg, Putty catalyst 5Kg, scoops
210106002	Putty base 20Kg, Putty catalyst 20Kg, scoops



Bonasil A+ Lab Putty is a vinyl polysiloxane (VPS) high precision, multiple use, laboratory addition curing putty with a mixing ratio of 1:1. It is characterized by its ease of handling and high detail reproduction.

Bonasep

Bonasil A+ Gingival

Indications

Quick and accurate gingival reproduction on master models

Characteristics - Advantages

Outstanding aesthetic result
 Exceptional dimensional stability
 Very high tear strength
 Void free
 Non-sticky

Technical Data

Type	Hard	Soft / Soft-X
Total working time (min)	1:00	1:00
Total setting time (min)	5:00	5:00
Shore A hardness	68±2	47±2
Elastic recovery (%)	>99.8	>99.8
Linear dimensional change (%)	<0.3	<0.3
Tear strength (N/mm)	>6.5	>6.5
Colour	Gingiva	Gingiva

LABORATORY A-SILICONE

Item No. Product Description

Bonasil A+ Gingival Soft

- 210114010 Cartridge 50ml x 2, mixing tips
- 210114020 Cartridge 50ml x 4
- 210114040 Cartridge 50ml x 32

Bonasil A+ Gingival Soft-X

- 210110010 Cartridge 50ml x 2, mixing tips
- 210110020 Cartridge 50ml x 4
- 210110040 Cartridge 50ml x 32

Bonasil A+ Gingival Hard

- 210118010 Cartridge 50ml x 2, mixing tips
- 210118020 Cartridge 50ml x 4
- 210118040 Cartridge 50ml x 32

Bonasep

- 210115001 10ml



SILICONE IMPRESSION MATERIALS

Bonasil A+ Gingival is a medium viscosity vinyl polysiloxane material suitable for the reproduction of gingival masks on master models available in three types: Hard, Soft (high thixotropy), Soft-X (low thixotropy). It is a precise silicone which keeps its accuracy for days due to its outstanding dimensional stability. The highest aesthetic results can be obtained because of its natural gingival colour.

Bonasep is a separator which is applied on the contact surface of silicone materials to prevent adhesion between them. It is ideal for use in combination with Bonasil A+ Gingival for the reproduction of gingiva on models.

Bonasil A+ Crystal Vision

LABORATORY A-SILICONE

Indications

Transparent matrix for creating masks for the moulding of light-curing resins.

Characteristics - Advantages

Outstanding transparency
 Exceptional dimensional stability
 High final hardness
 Highly thixotropic
 Ideal consistency
 Very high tear strength
 Void free
 Composites free from oxygen inhibition layer

Technical Data

Total working time (min)	1:00
Total setting time (min)	5:00
Shore A hardness (min)	70±2
Elastic recovery (%)	>99.5
Strain in compression (%)	3-5
Linear dimensional change (%)	<0.3
Tear strength (N/mm)	>7.0
Colour	Clear

SILICONE IMPRESSION MATERIALS



Item No.

Product Description

Bonasil A+ Crystal Vision

210117010	Cartridge 50ml x 2, mixing tips
210117020	Cartridge 50ml x 4
210117040	Cartridge 50ml x 32



Bonasil A+ Crystal Vision is a transparent laboratory vinyl polysiloxane (VPS) impression material with medium viscosity. Its novel formulation produces highly transparent matrices, through which the lab technician can polymerize light-curing composites and detect the accurate waxing placement and the reproduction of composite.

Bonalabor Putty

Indications

Mask for creating temporary prosthetics
 Matrix for removable gingival masks
 Repair of models
 Key for occlusal adjustment for positioning in the articulator
 Duplication of plaster models and total prostheses
 Base for photo-polymerizing work
 Other dental technical procedures

Characteristics - Advantages

Very good consistency
 Good final hardness
 Heat resistant
 Non-sticky

Technical Data

Shore A hardness	85±2	95±2
Mixing time (min)	0:30	0:30
Total working time (min)	1:30	1:30
Total setting time (min)	6:00	6:00
Elastic recovery (%)	>99.0	>99.0
Linear dimensional change (%)	<0.2	<0.2
Detail reproduction (µm)	20	20
Colour	Light Grey	Light Grey

LABORATORY C-SILICONE

Item No. Product Description

Bonalabor Putty-85

- 200106130 Putty 1,300g, scoops
- 200106001 Putty 5Kg, scoops
- 200106002 Putty 20Kg, scoops

Bonalabor Putty-95

- 200106131 Putty 1,300g, scoops
- 200106003 Putty 5Kg, scoops
- 200106004 Putty 20Kg, scoops



SILICONE IMPRESSION MATERIALS

Bonalabor Putty is a polysiloxane laboratory condensation curing silicone. It is a kneadable high viscosity putty for use by dental technicians and is offered with Bonasil Activator Paste as its catalyst.



AESTHETIC FILLING MATERIALS





Product	Composite Type	Class I	Class II	Class III	Class IV	Class V	Core Build-Up	Sealant	Liner	Temporary Crown and Bridge
Nanoceram-Bright	Universal Composite	●	●	●	●	●				
Nanoceram-Bright Flow	Flowable Composite		●	●	●	●		●	●	
Bright Light	Universal Composite	●	●	●	●	●				
Bright Light Flow	Flowable Composite		●	●	●	●		●	●	
Bright Posterior	Posterior Composite	●	●				●			
Bright Flow Core	Flowable Core Build-Up						●			
Pit & Fissure Sealant	Sealant							●		
Bright Cavity Liner	Liner								●	
Bright Temporary C&B	Temporary Crown & Bridge Material									●

Nanoceram-Bright

Nanoceram-Bright is a light curing nano-hybrid composite composed of a special blend of nano and micro fillers which produces a superior restorative. The highest aesthetic results have been achieved through the development of a sophisticated method for the integration of the nanoparticles in the resin matrix. These nanoparticles assist in obtaining ultralow wear properties and quick polishing after placement.

A study, published in the Dental Advisor*, has shown that Nanoceram-Bright is among the products with the lowest

water sorption and solubility. These key parameters ensure the durability and colour stability of the restoration.

**The Dental Advisor Research Report #50*

Nanoceram-Bright is characterized by its ease in sculpting with no slumping. Its low polymerization shrinkage due to high loading and particle size blending, yields high marginal integrity, minimizing post operative sensitivity and eliminating micro leakage.



AESTHETIC FILLING MATERIALS



Nanoceram-Bright

Indications

Anterior and posterior restorations
 Class I - V restorations
 Veneering of discoloured anterior teeth
 Repair of composite and ceramic veneers
 Reconstruction of affected anterior teeth
 Splinting of mobile teeth

Characteristics - Advantages

Superior aesthetics
 Excellent handling characteristics
 Excellent sculptability
 Low shrinkage-Very good marginal adaptation
 Extremely high polishability
 High resistance to wear
 Strongly radiopaque
 Non-sticky

Technical Data

Filled by weight (%)	80
Average filler particle size (nm)	700
Flexural strength (MPa)	138
Polymerization shrinkage (%)	1.7
Water sorption ($\mu\text{g}/\text{mm}^3$)	9.5
Compressive strength (MPa)	320
Radiopacity (mm of Al)	≥ 1

Item No.

Product Description

Nanoceram-Bright

MULTI

Nanoceram-Bright 4g x 7, Etching Gel 3ml x 2, Single Bonding 3ml x 2, brush holder, brush tips, syringe tips & mixing wells

160111201 shades: A1-A2-A3-A3.5-B2-C2-OA2
 160111204 shades: A2-A2-A3-A3-A3-A3.5-A3.5
 160111205 shades: A1-A2-A3-A3.5-B2-B3-C2
 160111202 shades: A1-A2-A2-A3-A3-A3.5-B2
 1601112101 shades: A1-A2-A2-A3-A3.5-B2-OA2

INTRO

Nanoceram-Bright 4g x 4, Etching Gel 3ml, Single Bonding 3ml, brush holder, brush tips, syringe tips & mixing wells

160111101 shades: A2-A3-A3.5-B2
 160111103 shades: A1-A2-A3-A3.5
 160111105 shades: A1-A2-A3-B2
 160111110 shades: A2-A3-A3.5-OA2
 160111111 shades: A1-A2-A2-A3
 160111118 shades: A2-A2-A3-A3.5

Item No.

Product Description

SMART*

Nanoceram-Bright 4g, Etching Gel 2ml, Single Bonding 1ml, syringe tips

4 SYRINGES*

Nanoceram-Bright 4g x 4

REFILL*

Nanoceram-Bright 4g

UNIT DOSE*

Nanoceram-Bright 0.25g x 20

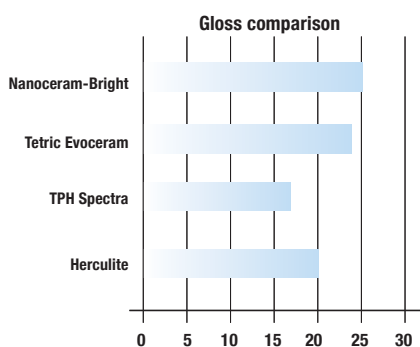
Available shades

01	A1
02	A2
03	A3
05	A3.5
06	A4
07	B1
08	B2
09	B3
12	C2
13	C3
16	D3
04	Opaque A2
19	Incisal
24	Bleach extra
25	Bleach

AESTHETIC FILLING MATERIALS

Gloss

Gloss values of composite samples after abrasion with 600 grit sandpaper were measured with a Horiba glossmeter at a 60-degree angle (ASTM D-523).



*For the correct product reference number replace the digits "xx" with the relevant shade numbers



Pre operative view



Post operative view completed with only one shade of Nanoceram-Bright

Nanoceram-Bright Flow

Indications

Anterior and limited posterior restorations
 Liner for class I and II restorations
 Sealing larger pits and fissures
 Repair of composite restorations and ceramic veneers
 Splinting of mobile teeth
 Blocking out of undercuts

Characteristics - Advantages

Excellent handling characteristics
 Excellent sculptability
 Low shrinkage-Very good marginal adaptation
 Extremely high polishability
 High resistance to wear
 Superior aesthetics
 Strongly radiopaque

Technical Data

Filled by weight (%)	60
Average filler particle size (nm)	700
Flexural strength (MPa)	114
Polymerization shrinkage (%)	3.5
Water sorption ($\mu\text{g}/\text{mm}^3$)	15.5
Compressive strength (MPa)	280
Radiopacity (mm of Al)	≥ 1

AESTHETIC FILLING MATERIALS



Item No. Product Description

Nanoceram-Bright Flow

- | | |
|-----------|---|
| 1701127xx | 4 SYRINGES*
Nanoceram-Bright Flow 2g x 4, syringe tips |
| 1701123xx | 2 SYRINGES*
Nanoceram-Bright Flow 2g x 2, syringe tips |
| 1701124xx | REFILL*
Nanoceram-Bright Flow 2g, syringe tips |

Available shades

- | | |
|----|--------------|
| 01 | A1 |
| 02 | A2 |
| 03 | A3 |
| 05 | A3,5 |
| 07 | B1 |
| 08 | B2 |
| 04 | Opaque A2 |
| 24 | Bleach extra |

**For the correct product reference number replace the digits "xx" with the relevant shade numbers*

Nanoceram-Bright Flow is a light curing flowable version of the Nanoceram-Bright composite using the same nanohybrid technology to achieve optimum results. It is characterized by its superior aesthetics through its chameleon effect and high gloss polishability. This highly thixotropic product guarantees easy handling and precise application.

Bright Posterior

Indications

Direct restorations (Class I, II) including occlusal surfaces
Core build ups
Splinting
Indirect restorations

Characteristics - Advantages

Fast curing for 4mm increment
Exceptional handling characteristics
Very high compressive strength and wear resistance
Very low polymerization shrinkage
Non-sticky

Technical Data

Filled by weight (%)	81
Average filler particle size (µm)	1.0
Flexural Strength (MPa)	143
Compressive strength (MPa)	335
Polymerization shrinkage (%)	1.9
Water sorption (µg/mm ³)	9.8
Radiopacity (mm of Al)	≥1

Item No.

Product Description

Bright Posterior

1801117xx 4 SYRINGES*
Bright Posterior 4g x 4

1801114xx REFILL*
Bright Posterior 4g

1801225xx UNIT DOSE*
Bright Posterior 0.25g x 20

Available shades

01 shade A1
02 shade A2
03 shade A3

**For the correct product reference number replace the digits "xx" with the relevant shade numbers*



AESTHETIC FILLING MATERIALS

Bright Posterior is a bulk-fill light curing, radiopaque composite designed for posterior restorations. Its outstanding handling characteristics ensure fast and easy placement while achieving excellent aesthetic results. Its advanced technology results in remarkable physical and mechanical properties which ensure durability against the masticatory forces, leading to a long-lasting restoration.

Bright Light

Indications

Anterior and posterior restorations
 Class I - V restorations
 Veneering of discoloured anterior teeth
 Repair of composite and ceramic veneers
 Splinting of mobile teeth

Characteristics - Advantages

Great handling characteristics
 Very good marginal adaptation
 Very high fracture toughness
 High resistance to wear
 High polishability due to fine particles
 High aesthetic result-chameleon effect
 Strongly radiopaque
 Non-sticky

Technical Data

Filled by weight (%)	81
Average filler particle size (µm)	0.9
Flexural Strength (MPa)	130
Polymerization shrinkage (%)	2.0
Water sorption (µg/mm ³)	10.5
Compressive strength (MPa)	300
Radiopacity (mm of Al)	≥1

AESTHETIC FILLING MATERIALS



Item No.

Product Description

Bright Light

MULTI

Bright Light 4.5g x 7, Etching Gel 3ml x 2, Single Bonding 3ml x 2, brush holder, brush tips, syringe tips & mixing wells

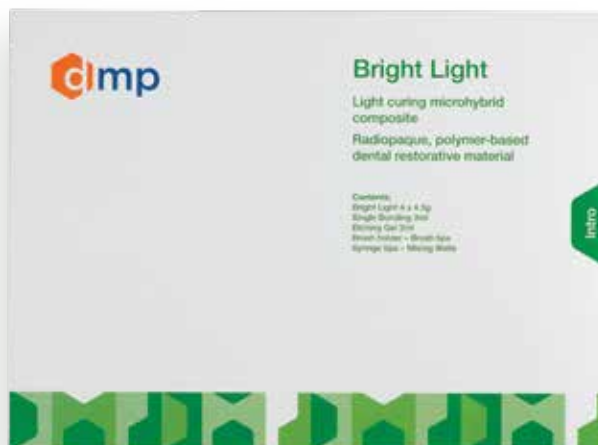
110110201	shades: A1-A2-A3-A3.5-B2-C2-OA2
110110204	shades: A2-A2-A3-A3-A3.5-A3.5
110110205	shades: A1-A2-A3-A3.5-B2-B3-C2
110110202	shades: A1-A2-A2-A3-A3-A3.5-B2
1101102101	shades: A1-A2-A2-A3-A3.5-B2-OA2

INTRO

Bright Light 4.5g x 4, Etching Gel 3ml, Single Bonding 3ml, brush holder, brush tips, syringe tips & mixing wells

110110101	shades: A2-A3-A3.5-B2
110110103	shades: A1-A2-A3-A3.5
110110105	shades: A1-A2-A3-B2
110110111	shades: A1-A2-A2-A3
110110118	shades: A2-A2-A3-A3.5

Bright Light is a versatile microhybrid light curing composite for both anterior and posterior restorations. Its great handling characteristics guarantee ease of application while its high gloss polishability increases the resistance against plaque. High filler loading results in excellent mechanical properties such as high compressive and flexural strength. Due to its very low water sorption, it exhibits long lasting colour stability while maintaining its physical properties over a long period of time.



Item No. Product Description

Item No.	Product Description
	Bright Light
	SMART*
1101105xx	Bright Light 4.5g, Etching Gel 2ml, Single Bonding 1ml, syringe tips
	4 SYRINGES*
1101107xx	Bright Light 4.5g x 4
	REFILL*
1101104xx	Bright Light 4.5g
	UNIT DOSE*
1101225xx	Bright Light 0.25g x 20

Available shades

01	A1
02	A2
03	A3
05	A3.5
06	A4
07	B1
08	B2
09	B3
12	C2
13	C3
16	D3
04	Opaque A2
19	Incisal
24	Bleach extra
25	Bleach

**For the correct product reference number replace the digits "xx" with the relevant shade numbers*



AESTHETIC FILLING MATERIALS

Bright Light Flow

Indications

Anterior and limited posterior restorations
 Liner for class I and II restorations
 Sealing larger pits and fissures
 Repair of composite restorations and ceramic veneers
 Splinting of mobile teeth
 Blocking out of undercuts

Characteristics - Advantages

Excellent flow characteristics - thixotropic
 Very good marginal adaptation
 High resistance to wear
 High polishability due to fine particles
 High aesthetic result
 Strongly radiopaque

Technical Data

Filled by weight (%)	56
Average filler particle size (µm)	0.9
Flexural strength (MPa)	110
Compressive strength (MPa)	280
Polymerization shrinkage (%)	3.8
Water sorption (µg/mm ³)	16
Radiopacity (mm of Al)	≥1

AESTHETIC FILLING MATERIALS



Item No. Product Description

Item No.	Product Description
	Bright Light Flow
	SMART*
1401125xx	Bright Light Flow 2g, Etching Gel 2ml, Single Bonding 1ml, syringe tips
	4 SYRINGES*
1401127xx	Bright Light Flow 2g x 4, syringe tips
	2 SYRINGES*
1401123xx	Bright Light Flow 2g x 2, syringe tips
	REFILL*
1401124xx	Bright Light Flow 2g, syringe tips

Available shades

01	A1
02	A2
03	A3
05	A3.5
07	B1
08	B2
04	Opaque A2
24	Bleach Extra

**For the correct product reference number replace the digits "xx" with the relevant shade numbers*

Bright Light Flow is a light curing microhybrid low viscosity flowable composite with excellent handling characteristics. The rheological properties of the material allow it to flow while it is being syringed under pressure and to become non-drip when placed in the cavity.

Bright Flow Core

Indications

Core build up
Post cementation

Characteristics - Advantages

Optimal flowability for precise applications
High flexural strength
High compressive strength
Dual cure (light and self cured)
Direct application

Technical Data

Working time (min)	2:00
Total self curing time (min)	3:30
Flexural strength (MPa)	150
Compressive strength (MPa)	350
*Edge strength (N)	110
Water sorption ($\mu\text{g}/\text{mm}^3$)	12.5
Radiopacity (mm of Al)	≥ 1

**Test carried out at the University of Manchester, UK*

Item No.

Product Description

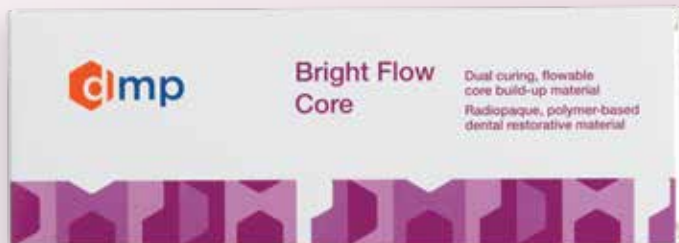
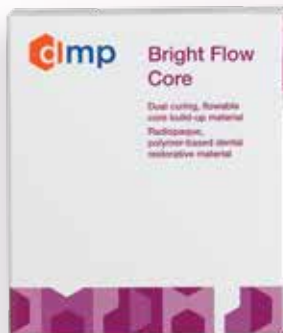
Bright Flow Core

CARTRIDGE

120112519 Bright Flow Core 25ml, mixing tips, intra-oral tips
shade: Universal

DOUBLE SYRINGE

120112319 Bright Flow Core 5ml, mixing tips, intra-oral tips
shade: Universal



AESTHETIC FILLING MATERIALS

Bright Flow Core is a dual curing flowable composite characterized by its high flexural and compressive strength. It is specially designed for areas where light is difficult to reach as it ensures polymerization in all parts due to its dual curing properties. It has great handling characteristics and its flow properties allow ideal adaptation to tooth structure.

Pit & Fissure Sealant

Indications

Sealing of pits and fissures

Characteristics - Advantages

Very low viscosity for easy application and deep penetration
 Fluoride releasing
 Bubble free
 Increased surface wear resistance
 Opaque colour to facilitate visibility
 Radiopaque

Technical Data

Fluoride release after 24h (ppm)	1.95
Flexural strength (MPa)	85
Water sorption ($\mu\text{g}/\text{mm}^3$)	17.5
Water solubility ($\mu\text{g}/\text{mm}^3$)	2.1
Radiopacity (mm of Al)	≥ 1

AESTHETIC FILLING MATERIALS



Item No.

Product Description

Pit & Fissure Sealant

SMART

150112518 Pit & Fissure Sealant 2g x 2, Etching Gel 3ml, syringe tips shade: Opaque

2 SYRINGES

150112318 Pit & Fissure Sealant 2 x 2g, syringe tips shade: Opaque

REFILL

150112418 Pit & Fissure Sealant 2g, syringe tips shade: Opaque



Etch



Rinse-Dry



Seal



Light Cure



Check Occlusion

Pit & Fissure Sealant is a fluoride releasing light curing sealant for primary or permanent teeth. It is used in preventive dentistry where it has been clinically proven that sealants are effective in the prevention of caries. The fluoride that is released offers an additional protection against caries and its ideal viscosity allows it to penetrate into the deepest pits and fissures to ensure total sealing.

Bright Temporary C&B

Indications

Temporary crowns and bridges
Temporary inlays and onlays

Characteristics - Advantages

Superior aesthetics
Minimal increase in temperature during polymerization
Precise and easy fit of the temporary crown / bridge due to low shrinkage
Optimum elastic phase
Long lasting and durable
Extremely high polishability

Technical Data

Mixing ratio (base:catalyst)	1:1	4:1	10:1
Working time (min)	0:40-1:00	0:40-1:00	0:40-1:00
Curing time in mouth (min)	1:00-2:30	1:00-2:30	1:00-2:30
Flexural strength (MPa)	91	89	92
Compressive strength (MPa)	295	288	291
Max. polymerization temperature (°C)	<40	<40	<40

Item No. Product Description

Bright Temporary C&B CARTRIDGE*

1201202xx	Bright Temporary C&B 1:1 50ml / 75g, mixing tips
1201203xx	Bright Temporary C&B 4:1 50ml, mixing tips
1201204xx	Bright Temporary C&B 10:1 50ml, mixing tips

DOUBLE SYRINGE*

1201201xx	Bright Temporary C&B 1:1 5ml / 7.5g, mixing tips
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Available shades

01	A1
02	A2
03	A3
07	B1
25	Bleach

*For the correct product reference number replace the digits "xx" with the relevant shade numbers



AESTHETIC FILLING MATERIALS

Bright Temporary C&B is a self-curing, moldable composite designated for the construction of temporary crown and bridge restorations, available in three different ratios (1:1, 4:1, 10:1). It offers an excellent aesthetic result, and in combination with its optimal mechanical properties is an ideal tool for fabricating provisional restorations. It produces low temperatures during intra-oral setting which protect against damage to the dental pulp.

ADHESIVES & LINERS



Bright Cavity Liner

Indications

Liner under all filling materials
Pulp capping (indirect)

Characteristics - Advantages

Fast and easy placement
Fluoride releasing
Protection of the pulp
Increases resistance to post-operative sensitivity
Strongly radiopaque

Technical Data

Fluoride release after 24h (ppm)	1.80
Radiopacity (mm of Al)	≥1
Flexural strength (MPa)	95
Compressive strength (MPa)	233

Item No. Product Description

Bright Cavity Liner

- 130111020 Bright Cavity Liner 2g, syringe tips
- 130111040 Bright Cavity Liner 2g x 2, syringe tips
- 130111080 Bright Cavity Liner 2g x 4, syringe tips



ADHESIVES & LINERS

Bright Cavity Liner is a flowable light curing material for enforcing the floor and walls of the cavity before the application of filling materials. It contains fluoride and is characterized by its strong mechanical properties. It is compatible with other commercially available restorative materials and cements.

Etching Gel



ADHESIVES & LINERS

Etching Gel

Indications

Etching of enamel and dentine

Characteristics - Advantages

Thixotropic
Easily rinsed without leaving residues
Clearly visible due to its colour
Gel-like consistency
Non-drip

Technical Data

Colour Blue
pH Value < 2

Item No. Product Description

Item No.	Product Description
130101003	Etching Gel 3ml, syringe tips
130101010	Etching Gel 10ml, syringe tips
130101050	Etching Gel 50ml, 2ml syringes x 3, syringe tips

Etching Gel



ADHESIVES & LINERS

Etching Gel is an acid etchant for enamel and dentin with 37% phosphoric acid content. Its advanced formulation provides excellent thixotropic and handling characteristics making it ideal for etching enamel in the selective etch technique or dentin in the total etch technique. It has a distinctive blue colour facilitating application since it is clearly visible.

MagnaBond

ADHESIVES & LINERS



MagnaBond Universal

Indications

Bonding agent for direct restorations of all classes of cavities using light curing composite or compomer filling materials
Bonding agent for core build-ups that are made of light-curing composites
Bonding agent for intraoral repair of composite or compomers restorations, porcelain fused to metal (PFM), ceramic veneers and all-ceramic restorations without an additional primer
Sealing of cavities prior to amalgam restorations
Sealing of cavities and core preparations prior to the temporary luting of indirect restorations
Treatment of hypersensitive teeth
Protective varnish for glass ionomer cement restorations

Characteristics - Advantages

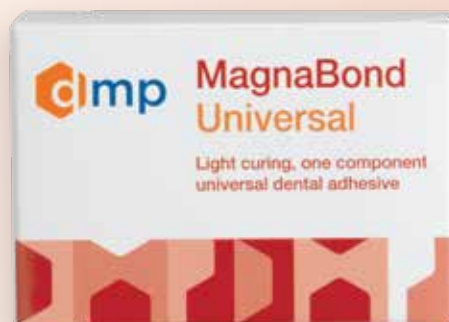
Versatile application as it is compatible with self-etch, selective-etch, or total-etch techniques
Extremely high bond strength to dentin and enamel.
Ideal for both direct and indirect restorations
Strong adhesion across various materials like metals, zirconium, aluminum oxide, and ceramics without needing a primer
Low post-operative sensitivity for enhanced patient comfort
Fast and simple application as it requires only a single layer streamlining procedures and reducing chair time

Technical Data

Shear bond strength (MPa)	28 on etched dentine
Shear bond strength (MPa)	25 on unetched dentine

Item No. Product Description

130105005	MagnaBond Universal MagnaBond Universal 5ml
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ADHESIVES & LINERS

MagnaBond Universal is the latest generation of light curing one component dental adhesives. It is characterized by its superior shear bond strength, delivering exceptional performance.

The powerful combination of the state-of-the-art adhesive monomers 10-MDP and 4-META provides confidence and convenience for a multitude of dental procedures, ensuring reliable adhesion to various substrates such as metals, zirconium oxide and silicate/glass ceramics without the additional use of a primer. Moreover, it is used with all etching techniques (self-etch, total etch, selective etch).

MagnaBond Universal DCA

Indications

(In combination with Magnabond Universal)

Bonding agent for direct restorations of all classes of cavities using self or dual curing composites and core build-ups

Bonding agent for indirect restorations using self or dual curing luting composites/cements

Luting of root posts using self or dual curing luting composites/cements

Characteristics - Advantages

Dual-cure capability as it ensures effective bonding in both light-cure and self-cure modes, offering flexibility for use with self-and dual-curing composites across various restorative procedures

Reliable adhesion for indirect procedures using self-or dual-cure composites / cements

Simple one-step mixing as it seamlessly integrates with Magnabond Universal for fast, reliable application

Technical Data

Shear bond strength (MPa) 27 on etched dentine

Shear bond strength (MPa) 26 on unetched dentine

Item No.

Product Description

130107005

MagnaBond Universal DCA

MagnaBond Universal DCA 5ml

ADHESIVES & LINERS



The versatility of **MagnaBond Universal** is enhanced with **MagnaBond Universal DCA** — an activator dedicated for work with dual or self-cure composite cements and core build-up materials.

MagnaBond Universal DCA ensures a strong and durable bond, extending the reliability of MagnaBond Universal across all restorative procedures, including challenging dual-cure and self-cure applications. Adhesive capabilities are elevated with the complete MagnaBond system.

MagnaBond SE

Indications

Bonding agent for direct restorations of all classes of cavities using light-curing composite or compomer filling materials

Bonding agent for core build-ups that are made with light-curing composites

Characteristics - Advantages

Self-Etch convenience as it provides effective bonding without separate etching, simplifying the procedure and saving time

Formulated for strong and durable adhesion to dentin and enamel, ensuring reliable performance

Ideal for all classes of cavities and bonding to composites for a range of direct restorations

Moisture-tolerant formula as it maintains bond strength even on slightly moist surfaces, making it easy to work with

Technical Data

Shear bond strength (MPa) 25 on etched dentine

Shear bond strength (MPa) 22 on unetched dentine

Item No. Product Description

130104005 MagnaBond SE
MagnaBond SE 5ml



ADHESIVES & LINERS

MagnaBond SE is a versatile light curing seventh-generation dental adhesive designed to work with all etching techniques, including the easy-to-use self-etch mode.

Taking advantage of the proven adhesive strength of 10-MDP, MagnaBond SE delivers reliable adhesion and long-lasting results while offering flexibility and convenience for every direct restoration of all cavity classes.

Single Bonding

Indications

Bonding agent (bonding liquid) for adhesive restorations
Transparent sealant for fissures and restorations
Bonding layer for the repair of resin, crown or bridge work

Characteristics - Advantages

One solution adhesive for use after enamel and/or dentin etching
Ensures durable adhesion to dentin, providing reliable results in adhesive restorations
Free from solvents minimizing technique sensitivity
Works effectively with a wide range of light-curing composites, allowing flexibility in material choices

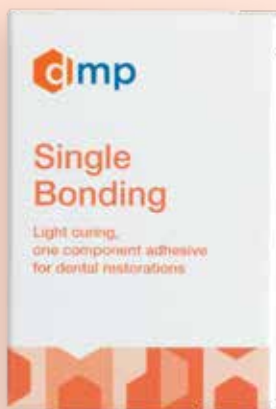
Technical Data

Shear bond strength (MPa) >20

Item No.	Product Description
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	Single Bonding
130106003	Single Bonding 3ml
130106005	Single Bonding 5ml

ADHESIVES & LINERS



Single Bonding is a one component light curing adhesive material for bonding enamel or dentin with light curing composites. It combines primer and adhesives into one solution to be applied after etching enamel and/or dentin (total-etch technique).

It is a solvent free material and its mechanical properties show a high bond strength to dentin. It is compatible with composites of other brands.



ORTHODONTIC ADHESIVES



LC Bracket Adhesive

Indications

Direct bonding of metal and ceramic brackets

Characteristics - Advantages

Fast curing time (20 sec.)
 Extended working time
 Compatible with metal & ceramic brackets
 Prevents brackets drifting
 Less material waste
 Fluoride releasing

Technical Data

Shear bond strength (MPa) 22
 Depth of cure (mm) > 1.5

Item No.

Product Description

LC Bracket Adhesive

SMART

310110501 Paste 3g, Primer 2g, Etching Gel 2ml, syringe tips

4 SYRINGES

310110701 Paste 3g x 2, Primer 2g x 2, syringe tips

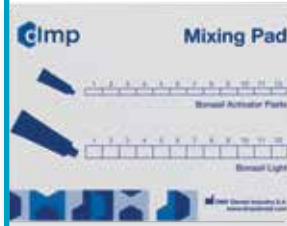


ORTHODONTIC ADHESIVES

LC Bracket Adhesive is a light curing adhesive designed for bonding of metal and ceramic brackets on enamel. It contains fluoride for additional tooth protection. Its viscosity is high and thus prevents bracket drifting and reduces material waste. As it is light cured, extra working time is ensured and therefore accurate bracket placement can be obtained.

ACCESSORIES





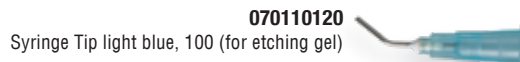
070100230
Mixing Pad
20 coated sheets (12cm x 9cm)



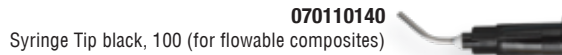
070150231
Dynamic Mixer, 50 (ratio 5:1)



070150441
Bayonet Ring, 50 (for Dynamic Mixer)



070110120
Syringe Tip light blue, 100 (for etching gel)



070110140
Syringe Tip black, 100 (for flowable composites)



070110213
Intraoral Tip Yellow 100 (for yellow mixers)



070110211
Intraoral Tip natural, 100 (for Bright Flow Core)



070150187
T-Mixer Brown, 50 (ratio 1:1, 2.5mm diameter)



070150174
T-Mixer Blue, 50 (ratio 1:1, 2.5mm diameter)



070150181
T-Mixer Light Blue, 50 (ratio 1:1, 3.2mm diameter)



070150180
T-Mixer Yellow, 50 (ratio 1:1, 4.2mm diameter)



070150186
T-mixer Pink, 50 (ratio 1:1, 5.4mm diameter)



070150183
T-Mixer Teal, 50 (ratio 1:1, 6.5mm diameter)



070150170
T-mixer Light Blue/Orange, 50 (ratio 10:1, 3.2mm diameter)



Streamlined workflows
enabling higher output
and adaptability
to customer needs

create **bright** smiles



create **bright** smiles

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