

create **bright** smiles







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Established in 1985,

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

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.



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 servic



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.

ChromatcherShade guide at your fingertips!

CHROMATCHER SHADE GUIDE

DMP DENTAL
HAS THE MATCH YOU NEED
IT'S A CLICK AWAY

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.

Download

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

SILICONE IMPRESSION MATERIALS



				Indications						Indications				
				Crown / Bridge Work	Inlays, Onlays	Functional Peripheries	Functional Impressions	Reline Impressions	Case study models	Orthodontic impressions	Impressions for removing prosthesis	ating temporary npressions	Bite Registrations	Scannable silicones
Product	Delivery System	Technique	Туре	Crown	Ξ	Function	Functio	Relin	Case	Orthodo	Imp	Fabricati imp	Bite	Scanı
A - Silicones														
Bonasil A+ Putty	Ī	One step putty/wash Two step putty/wash			•									
Bonascan Putty	i	One step putty/wash Two step putty/wash		•	•									
Bonasil A+ Heavy	ÎÑ	Single step Double step		•	•		•							
Bonascan Heavy	İ	Single step Double step			•		•							
Bonasil A+ Mono	İ	Monophase			•									
Bonascan Mono	İ	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	ÎĀ	Alginate applications												
Bona-Bite		Bite registrations											•	
Bona-Bite Air		Bite registrations											•	
Bonascan Bite Air		Bite registrations											•	
Bona-Bite Crystal Vision	İ	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	Cartı	ridge 5:1	Cartridge ⁻	1:1										

Tube

Wash Material

Monophase

Jar



Bonasil A⁺ Putty

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) Total working time (min) Time in mouth (min) Total setting time (min) Setting description	1:1 1:00 2:00 3:00 Fast	1:1 2:00 2:30 4:30 Regular	5:1 1:30 3:00 4:30
Shore A hardness Strain in compression (%) Elastic recovery (%) Linear dimensional change (9) Tear strength (N/mm) Colour	%)		72±2 1-4 >99.0 <0.2 >6.0 Orange



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

Indications

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

Bonasil A+

Heavy Viryl Polysiloxane Impression Material

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) Total working time (min)

Time in mouth (min)

Setting description

Total setting time (min)

1:1 1:1 5:1 1:00 2:00 1:30 2:00 2:30 3:00 3:00 4:30 4:30 Fast Regular

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

CImp



Product Description

Item No.

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 Cartridge 50ml x 2 - RS 210107011 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

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	

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







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.



Bonasil A+ Regular

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

Tec	hni	cal	Dat	ta

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

Bonasil A+ Regular Viny Polyalicxane Impression Material



Product Description

Bonasil A+ Regular

Item No.

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

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 Strain in compression (%) Elastic recovery (%) Linear dimensional change (% Tear strength (N/mm) Colour	o)	50±2 3-5 >99.9 <0.2 >4.8 Blue	

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







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

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

Gimp Bonasil A+ Light HTS Viryl Polysiloxane Impression Material



Product Description

Bonasil A+ Light HTS

Item No.

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

Product Description Item No.

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







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.



Bonasil A+ Alginate Free

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
Repourable
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

Bonasil A+ Alginate Free Viryl Polysics and Impression Material Alginate Alternative



Item No. Product I

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



Bona-Bite

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. 6mp Bona-Bite

Bona-Bite

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	Lavende

Item No.

Product Description

Bona-Bite

210108010 Cartridge 50ml x 2, mixing tips

210108020 Cartridge 50ml x 4 210108040

Cartridge 50ml x 32









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

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

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

Item No.

Product Description

Bona-Bite Air

	Dulla-Dite All		
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

SILICONE IMPRESSION MATERIALS

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

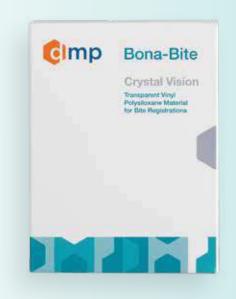
Total working time (min)	1:00
Time in mouth (min)	2:00
Total setting time (min)	3:00
Shore A hardness	70±2
Strain in compression (%)	3-5
Linear dimensional change (%)	< 0.3
Tear strength (N/mm)	>7.0
Colour	Clear

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







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.

Bonascan

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.



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

Product Description Item No. mp Bonascan **Emp** Bonascan **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 **6**lmp Bonascan Putty

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.



Bonascan Heavy

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

Ī	ec	hnical	D	a	ta

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





Product Description

Bonascan Heavy

Item No.

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

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

Item No. Product Description

Bonascan Mono

 210123380
 Cartridge 380ml, mixers, o-ring

 210123030
 Cartridge 380ml x 2, o-ring

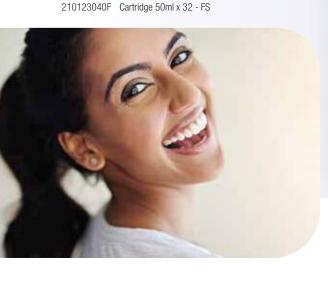
 210123010
 Cartridge 50ml x 2, mixing tips - RS

 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









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

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

Cimp Bonascan Light Vinyl Polysiloxane Impression Material Scannable with CAZVCAM technology



Product Description

Bonascan Light

Item No.

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.

Indications

Making accurate occlusal registrations

Standard bite registrations in the end bite position

Key material for needle point registration

Production of small model seaments

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

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







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.

Bonasil

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.



Bonasil Putty

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

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)





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

SILICONE IMPRESSION MATERIALS

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

Item No.

Product Description

200102140



Bonasil Light Bonasil Light 140ml

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



S-SILICONE

SILICONE IMPRESSION MATERIALS

Bonasil Activator Paste

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

 $23^{\circ}\text{C} \pm 2^{\circ}\text{C} / 73^{\circ}\text{F} \pm 4^{\circ}\text{F},$

 $50 \pm 5\%$ relative humidity

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

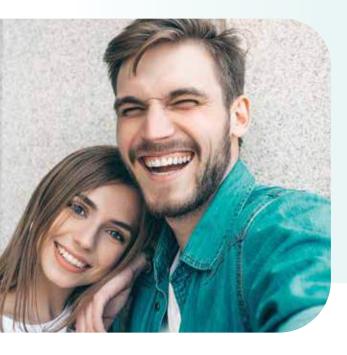
Item No.

Product Description

Bonasil Activator Paste

200104060

60ml







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

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

Bonasil A+ Lab Putty Putty base 400g, Putty catalyst 400g, scoops Putty base 5Kg, Putty catalyst 5Kg, scoops 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.

Bonasil A⁺ 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 < 0.3 Linear dimensional change (%) < 0.3 Tear strength (N/mm) >6.5 >6.5 Colour Gingiva Gingiva

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 Cartridge 50ml x 4 210118020 210118040 Cartridge 50ml x 32

Bonasep

210115001 10ml











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

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
• ' '	

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.

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

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



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



AESTHETIC FILLING MATERIALS

Indications

Anterior and posterior restorations

Class I - V restorations

Veneering of discoloured anterior

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

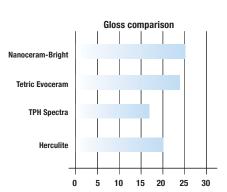
Non-sticky

Technical Data

Filled by weight (%)	80
Average filler particle size (nm)	700
Flexural strength (MPa)	138
Polymerization shrinkage (%)	1.7
Water sorption (μg/mm³)	9.5
Compressive strength (MPa)	320
Radiopacity (mm of Al)	≥1

Item No.	Product Description	Item No.	Product Description
160111201 160111204 160111205 160111202 1601112101	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 shades: A1-A2-A3-A3.5-B2-C2-OA2 shades: A2-A2-A3-A3-A3-A3.5-A3.5 shades: A1-A2-A3-A3.5-B2-B3-C2 shades: A1-A2-A2-A3-A3-A3.5-B2 shades: A1-A2-A2-A3-A3-A3.5-B2	1601115xx 1601117xx 1601114xx 1601225xx	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
160111101 160111103 160111105 160111110 160111111 160111118	Nanoceram-Bright 4g x 4, Etching Gel 3ml, Single Bonding 3ml, brush holder, brush tips, syringe tips & mixing wells shades: A2-A3-A3.5-B2 shades: A1-A2-A3-A3.5 shades: A1-A2-A3-B2 shades: A2-A3-A3.5-OA2 shades: A1-A2-A2-A3 shades: A2-A2-A3-A3.5	01 02 03 05 06 07 08 09 12 13 16 04	A1 A2 A3 A3.5 A4 B1 B2 B3 C2 C3 D3 Opaque A2 Incisal
G	loss	24 25	Bleach extra Bleach

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 (µg/mm³)	15.5
Compressive strength (MPa)	280
Radiopacity (mm of Al)	≥1



Item No. **Product Description** Nanoceram-Bright Flow 4 SYRINGES* 1701127xx Nanoceram-Bright Flow 2g x 4, syringe tips 2 SYRINGES* 1701123xx Nanoceram-Bright Flow 2g x 2, syringe tips 1701124xx Nanoceram-Bright Flow 2g, syringe tips Available shades 01 02 A2 03 А3 05 A3.5 07 B1 80 В2 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/mm³)	9.8
Radiopacity (mm of Al)	≥1

Item No.	Product Description	© Imp	Bright		
	Bright Posterior	-	Posterior		
1801117xx	4 SYRINGES* Bright Posterior 4g x 4		Companie to: posterior replanations Redispostor, polymo-based		တ
1801114xx	REFILL* Bright Posterior 4g		dedut meterative etalatus		IALS
1801225xx	UNIT DOSE* Bright Posterior 0.25g x 20				HE HE
	Available shades				Σ
01	shade A1				<u>ය</u>
02 03	shade A2 shade A3				
US	Sildue AS	S Brigh	it Posterior		
	*For the correct product reference number replace the digits "xx" with the relevant shade numbers		-	-	AESTHETIC FILLING MATERIALS
		© Imp	Bright Po		STE
		MAL	K D		AE

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/mm³)	10.5
Compressive strength (MPa)	300
Radiopacity (mm of Al)	≥1



Item No. Pi

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-C2-0A2 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-B2-0A2

INTRO

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

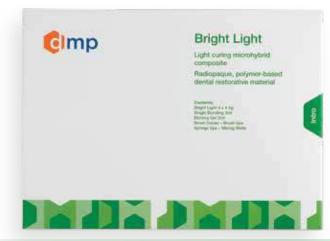
110110101 shades: A2-A3-A3.5-B2 110110103 shades: A1-A2-A3-A3.5 110110105 shades: A1-A2-A3-B2 110110111 shades: A1-A2-A2-A3 110110118 shades: A2-A2-A3-A3.5



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.

Bright Light





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	А3
05	A3.5
06	A4
07	B1
08	B2
09	В3
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





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

Strongly radiopaque

Very good marginal adaptation High resistance to wear High polishability due to fine particles High aesthetic result

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/mm³)	16
Radiopacity (mm of AI)	≥1



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 1401124xx Bright Light Flow 2g, syringe tips Available shades 01 Α1 02 Α2 03 АЗ A3.5 05 07 B1 R2 08 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	e (min)	2:00
Total self cui	ring time (min)	3:30
Flexural stre	ngth (MPa)	150
Compresive	strength (MPa)	350
*Edge streng	th (N)	110
Water sorption	on (μg/mm³)	12.5
Radiopacity	(mm of AI)	≥1

*Test carried out at the University of Manchester, UK

Item No. | Product Description

Bright Flow Core

CARTRIDGE

Bright Flow Core 25ml, mixing tips, intra-oral tips

120112519 shade: Universal

DOUBLE SYRINGE

Bright Flow Core 5ml, mixing tips, intra-oral tips

120112319 shade: Universal







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

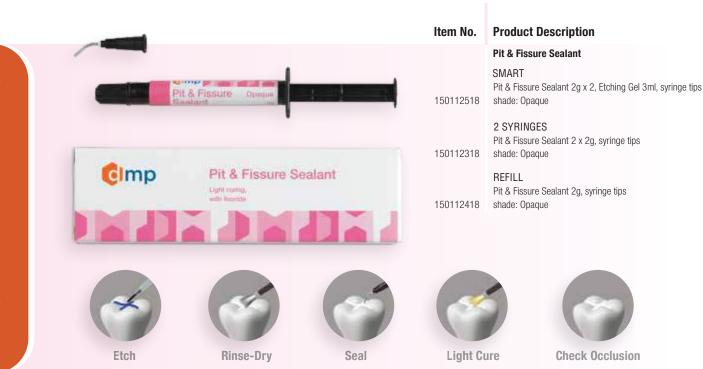
Sealing of pits and fissures

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

 $\begin{array}{lll} \mbox{Fluoride release after 24h (ppm)} & 1.95 \\ \mbox{Flexural strength (MPa)} & 85 \\ \mbox{Water sorption } (\mu g/mm^3) & 17.5 \\ \mbox{Water solubility } (\mu g/mm^3) & 2.1 \\ \mbox{Radiopacity (mm of Al)} & \geq 1 \\ \end{array}$





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



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) \geq 1 Flexural strength (MPa) 95 Compressive strength (MPa) 233

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



Bright Cavity Liner

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.





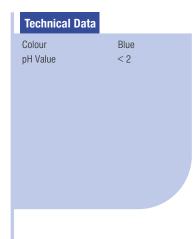
Etching Gel



Etching of enamel and dentine

Characteristics - Advantages Thixotropic Easily rinsed without leaving residues Clearly visible due to its colour

Gel-like consistency Non-drip



Item No.

Product Description

Etching Gel

130101003 130101010 130101050

Etching Gel 3ml, syringe tips Etching Gel 10ml, syringe tips Etching Gel 50ml,

2ml syringes x 3, syringe tips



Imp Etching

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



54

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

Fast and simple application as it requires only a single layer streamlining procedures and reducing chair time

patient comfort

Technical Data

Shear bond

28 on etched dentine

Shear bond strength (MPa)

strength (MPa)

25 on unetched dentine

Item No.

Product Description

MagnaBond Universal

130105005

MagnaBond Universal 5ml





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

5 MagnaBond Universal DCA 5ml

MagnaBond Universal DCA

130107005







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.

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 at 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

MagnaBond SE

130104005

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

Single Bonding

130106003 130106005 Single Bonding 3ml Single Bonding 5ml







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





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)



create **bright** smiles



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