

ALGINATES

FOR DENTAL IMPRESSIONS

 **CAD**
DIGITAL READY

THE POWER OF 6



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OUR NEW ALGINATES LINE THE POWER OF 6

Major introduces its renewed alginate range, featuring a modernized design and the distinctive “6” mark. This number highlights two key properties:

6 YEARS SHELF LIFE

Thanks to advanced formulation and packaging, each alginate maintains optimal performance and safety for up to six years from production.

6 DAYS POUR TIME

Impressions can be poured with gypsum up to six days after taking, ensuring flexibility and reliability in clinical workflows.

All alginates in the new line are formulated to be dust-free, hypoallergenic, and biocompatible, offering excellent elasticity, tear resistance, and detail reproduction. They are also cadmium and lead free, ensuring patient and operator safety.

Furthermore, these alginates are CAD compatible since the surface of the impression is perfectly scannable, enabling direct digital transmission to laboratories.

With a versatile range of setting times and features, catering to various dental impression techniques, practitioners can tailor their approach to suit any specific patient needs.



Major Alginates, the state-of-the-art impression material 100% made in Italy



ALGINMAX

Precision Visible: Chromatic Workflow for Outstanding Detail

ALGINMAX is designed as a next-generation alginate impression material that combines precision, reliability, and user comfort for dental professionals across a wide range of clinical situations. Its innovative formulation and advanced features set it apart from conventional products, offering significant advantages in both practice and laboratory workflows.

Multi-phase chromatic indicator

The innovative color transition system (violet / pink / pale blue) provides precise guidance for each working stage. This three-step indicator ensures more accurate timing compared to standard bi-phase systems, reducing uncertainty and improving consistency.

Thixotropic formulation

The material's smooth, plastic consistency allows for effortless spatulation and excellent flow while minimizing the inclusion of air bubbles. This ensures sharp detail reproduction and smooth surfaces in both partial and full-arch impressions.

Digital-Ready for Modern Workflows

Impressions made with ALGINMAX are perfectly scannable, enabling direct digital transmission to laboratories. This eliminates shipping delays, reduces costs, and accelerates turnaround times while maintaining exceptional accuracy throughout the entire digital dentistry workflow.

Extended pour time

ALGINMAX remains dimensionally stable for up to 6 days, enabling delayed model casting and accommodating flexible laboratory workflows without compromising accuracy.

Exceptional elasticity and tear resistance

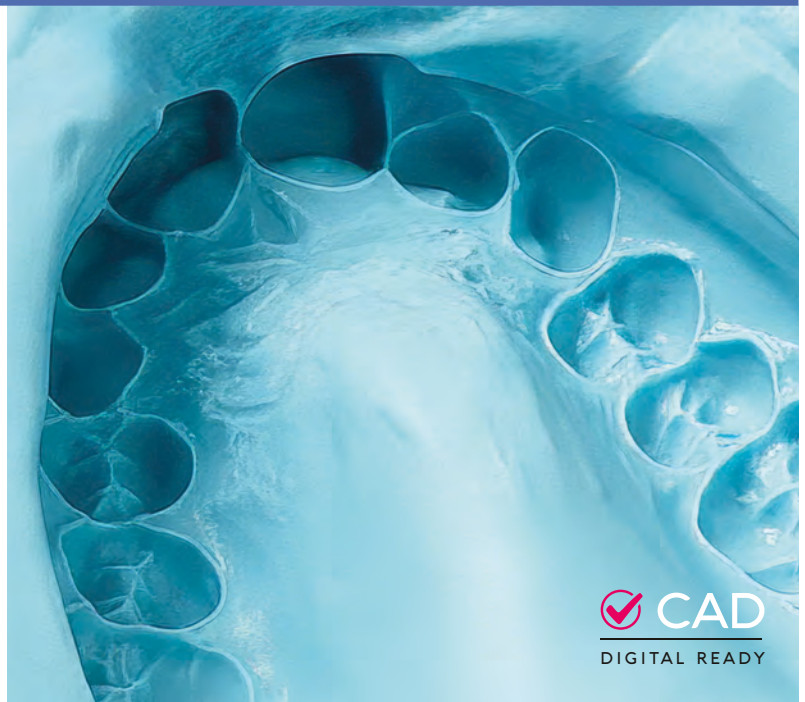
Enhanced mechanical properties safeguard impressions during removal, even in areas with complex undercuts or challenging anatomical structures, ensuring complete capture without tears or distortions.

Pleasant aromas

Available in vanilla-mint or fruit fragrances, ALGINMAX improves the clinical experience for both dentists and patients, promoting comfort without compromising performance.

Safe and universal

Biocompatible, hypoallergenic, and dust-free, the material supports safe handling and is fully compatible with all types of plasters, making it a versatile choice for universal application.



ALGINMAX		PACKAGING	AROMA	FINAL COLOR	MIXING TIME	WORKING TIME	SETTING TIME	POUR UP TIME	SHELF LIFE
A2024	ALGINMAX	24 X 453 G.	MINT	LIGHT BLUE	35"	1'20"	2'00"	6 DAYS	6 YEARS
A2124	ALGINMAX	24 X 453 G.	FRUITS	LIGHT BLUE	35"	1'20"	2'00"	6 DAYS	6 YEARS



ALGINMAJOR

Everyday Reliability: Fast-Setting for Efficient Routine Impressions

ALGINMAJOR is designed as a high-performance alginate impression material tailored for dental professionals who demand speed, precision, and reliability in their daily practice. It combines advanced formulation with clinical convenience, making it an ideal choice for orthodontic, prosthodontic, and general impression needs.

Rapid setting, creamy orange formula

The fast-setting composition allows practitioners to achieve quick, repeatable mix and handling. Its smooth creamy texture ensures effortless mixing and patient comfort, particularly valuable during busy clinical sessions.

Optimized flow for precision detail

The enhanced viscosity and flow characteristics ensure complete capture of fine anatomical details. This makes ALGINMAJOR highly suitable for orthodontic impressions as well as prosthodontic preparations where exact replication is critical.

Digital-Ready for Modern Workflows

Impressions made with ALGINMAJOR are perfectly scannable, enabling direct digital transmission to laboratories. This eliminates shipping delays, reduces costs, and accelerates turnaround times while maintaining exceptional accuracy throughout the entire digital dentistry workflow.

Outstanding dimensional stability

Unlike many traditional alginates, ALGINMAJOR maintains dimensional accuracy for over 6 days. This extended working window provides greater flexibility in scheduling laboratory procedures and guarantees consistently accurate model casting.

Superior elasticity and tear resistance

High resilience supports secure removal from the oral cavity without tearing, even in undercut areas or challenging anatomical cases. This assures intact, high-quality impressions every time.

Clean, safe, and biocompatible

The innovative dust-controlled formula reduces airborne particles, ensuring both operator and patient safety. Fully hypoallergenic and biocompatible, ALGINMAJOR provides peace of mind for sensitive patients and safe use in every practice.



ALGINMAJOR		CONTENT	AROMA	FINAL COLOR	MIXING TIME	WORKING TIME	SETTING TIME	POUR UP TIME	SHELF LIFE
A1000	ALGINMAJOR	453 G. / 1 LB.	ORANGE	ORANGE	35"	1'20"	2'00"	6 DAYS	6 YEARS



ALGINPLUS

Extra-high precision for advanced prosthetic and aesthetic needs

ALGINPLUS is a next-generation alginate impression material designed to meet the most advanced prosthetic, restorative, and aesthetic requirements in modern dentistry. It combines outstanding precision with user-friendly handling, ensuring reliable results from chairside to laboratory. Available in two setting times—Fast and Normal—ALGINPLUS adapts to different clinical needs, providing flexibility for both quick procedures and more complex cases.

Advanced chromatic phase detection

The innovative color-change system shifts from dark orange to yellow, providing clear visual feedback during mixing and tray loading. This controlled working time enhances clinical accuracy and reduces the risk of handling errors.

Enhanced formulation for ultra-fine detail

The enriched alginate matrix delivers exceptional detail reproduction within the Major product line. Its refined elasticity and optimal memory ensure that impressions return to their original form, even in challenging anatomical areas.

Digital-Ready for Modern Workflows

Impressions made with ALGINPLUS are perfectly scannable, enabling direct digital transmission to laboratories. This eliminates shipping delays, reduces costs, and accelerates turnaround times while maintaining exceptional accuracy throughout the entire digital dentistry workflow.

High tear strength

The reinforced composition provides superior resistance to tearing, making the material ideal for demanding prosthetic impressions where undercuts, parallel walls, and delicate tissue structures are present.

Versatile for multiple pours

ALGINPLUS maintains dimensional stability for repeated pours, supporting complex laboratory requirements.

Choice of setting times

Available in Fast set for time-sensitive treatments and Normal set (ALGINPLUS TROPICAL) for cases requiring longer working time, giving clinicians the flexibility to choose the most suitable option for each procedure.



ALGINPLUS	PACKAGING	AROMA	FINAL COLOR	MIXING TIME	WORKING TIME	SETTING TIME	POUR UP TIME	SHELF LIFE
A6024 ALGINPLUS	24 X 453 G.	TROPICAL FRUITS	YELLOW	35"	1'20"	2'00"	6 DAYS	6 YEARS
A5024 ALGINPLUS TROPICAL	24 X 453 G.	TROPICAL FRUITS	YELLOW	35"	2'00"	3'20"	6 DAYS	6 YEARS



ALGENIUX

Ultimate Accuracy: Maximum Flow and Digital Integration for Complex Cases

ALGENIUX represents the pinnacle of alginate technology, meticulously engineered to meet the challenges of implantology, advanced prosthetics, and other cases where accuracy cannot be compromised. Available in fast and normal setting times.

Unparalleled detail reproduction

Its highly refined and homogeneous formula ensures exceptional consistency, capable of capturing detail down to 5 µm. This makes it particularly suited for implant-supported restorations, advanced prosthetic work, and study models requiring superior definition.

Dual setting options

Available in both Fast and Normal setting times, ALGENIUX adapts seamlessly to the clinician's needs—whether speed is essential in time-sensitive procedures or a longer working time is required for complex impressions.

Digital-Ready for Modern Workflows

Impressions made with ALGENIUX are perfectly scannable, enabling direct digital transmission to laboratories. This eliminates shipping delays, reduces costs, and accelerates turnaround times while maintaining exceptional accuracy throughout the entire digital dentistry workflow.

Advanced flow characteristics

With the highest flow index in the ALGENIUX line, the material adapts perfectly to tray surfaces and anatomical details. This allows for ultra-smooth impression surfaces, positioning ALGENIUX on the same performance level as premium competitive alginates in the international market.

Exceptional mechanical resilience

Featuring outstanding elastic recovery and tear resistance, impressions remain dimensionally stable and intact, even after difficult removals in undercuts and challenging anatomical situations.

Patient and clinician comfort

A fresh mint aroma, creamy texture, and dust-free mixing provide a pleasant experience for both the patient and the dental professional. Handling is smooth and effortless, reducing chairside stress.



ALGENIUX		PACKAGING	AROMA	FINAL COLOR	MIXING TIME	WORKING TIME	SETTING TIME	POUR UP TIME	SHELF LIFE
A7124	ALGENIUX FAST SET	24 X 453 G.	MINT	ROSE	35"	1'30"	2'30"	6 DAYS	6 YEARS
A7024	ALGENIUX NORMAL SET	24 X 453 G.	MINT	ROSE	35"	2'00"	3'20"	6 DAYS	6 YEARS



ALGINKID

Pediatric Comfort: Fast, Gentle Impression for Young Smiles

ALGINKID is the next-generation alginate specifically designed for children and orthodontic applications. It combines an ultra-fast setting time with a pleasant and reassuring sensory experience, reducing patient anxiety and chair time. Thanks to its soft and elastic formulation, it ensures accurate impressions even in mixed dentitions and delicate tissues, providing both comfort and safety for patients and clinicians.

Ultra-fast setting time

With a total setting time of only 1 minute and 50 seconds, ALGINKID is the fastest alginate in its category. This is a crucial advantage for pediatric dentistry and orthodontics, where reducing chair time minimizes stress, anxiety, and uncooperative behavior. The shorter procedure enhances collaboration and ensures more predictable clinical results.

High tear resistance for flawless details

Pediatric and orthodontic impressions often involve fine anatomic features and fragile tissue areas. The advanced formulation of ALGINKID provides exceptional tear strength, ensuring that thin sections of the impression remain intact. This guarantees precise reproduction of dental arches, essential for orthodontic diagnostics and treatment planning.

Soft and smooth texture for gentle adaptation

The unique creamy formulation of ALGINKID has been calibrated to provide an ultra-soft consistency. It adapts delicately to erupting or transitioning teeth while avoiding discomfort from excessive pressure. This makes it especially suitable for mixed dentition cases and patients with sensitive oral tissues.

Digital-Ready for Modern Workflows

Impressions made with ALGINKID are perfectly scannable, enabling direct digital transmission to laboratories. This eliminates shipping delays, reduces costs, and accelerates turnaround times while maintaining exceptional accuracy throughout the entire digital dentistry workflow.

Enhanced elasticity for delicate situations

Thanks to its superior elastic properties, ALGINKID can be removed without stress, even around orthodontic appliances, tight contacts, or undercuts. The impression maintains its stability and dimensional accuracy while minimizing the risk of tearing—a fundamental requirement when dealing with complex pediatric and orthodontic scenarios.

A safe and hygienic solution

ALGINKID is hypoallergenic and dust-free, creating a healthier working environment for clinicians while protecting young patients. Its formulation allows for easy cleaning and removal from both tissues and orthodontic appliances, ensuring safety, efficiency, and peace of mind during daily pediatric and orthodontic workflows.



ALGINKID		PACKAGING	AROMA	FINAL COLOR	MIXING TIME	WORKING TIME	SETTING TIME	POUR UP TIME	SHELF LIFE
A3024	ALGINKID	24 X 453 G.	ORANGE	YELLOW	30"	1'10"	1'50"	6 DAYS	6 YEARS

ALGINATES

FOR DENTAL IMPRESSIONS

SALES DATA AND TECHNICAL DETAILS

	Alginmax	Alginmajor	Alginplus	Algeniux	Alginkid
Item Code	A2024 - ALGINMAX MINT A2124 - ALGINMAX FRUIT	A1024 - ALGINMAJOR	A6024 - FAST SET A5024 - NORMAL SET	A7124 - FAST SET A7024 - NORMAL SET	A3024 - FAST SET
Final Color	Blue	Orange	Yellow	Pink	Yellow
Color Changing	YES	NO	YES	NO	NO
Aroma	VANILLA / MINT OR FRUIT	ORANGE	TROPICAL FRUITS	MINT	ORANGE
Mixing Time	35"	35"	35"	35"	30"
Working Time	1'20"	1'20"	FAST SET 1'20" TROPICAL 2'00"	FAST SET 1'30" NORMAL SET 2'00"	1'00"
Setting Time	2'00"	2'00"	FAST SET 2'00" TROPICAL 3'20"	FAST SET 2'30" NORMAL SET 3'20"	1'50"
Deformation Recovery	> 97%	> 97%	> 97%	> 97%	> 97%
CAD Compatibility	SCANNABLE	SCANNABLE	SCANNABLE	SCANNABLE	SCANNABLE
Pour up time	6 DAYS	6 DAYS	6 DAYS	6 DAYS	6 DAYS
Shelf Life	6 YEARS	6 YEARS	6 YEARS	6 YEARS	6 YEARS



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MAJOR

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