



Unrivaled esthetics.









Putting Dental **Laboratories First**

Argen is the largest dental zirconia manufacturer in the North America and offers an unmatched, robust selection of sizes and shades of premium milling discs to help you produce high quality, esthetic, and reliable restorations. Non-ceramic and temporary materials are also available in disc form. When outsourcing support is needed, units may be sent to Argen's 140,000 square foot manufacturing center to ensure swift turn-around times.

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ArgenZ ZIRCONIA MILLING DISCS



ArgenZ Zirconia milling discs offer extremely accurate cosmetic and restorative solutions in high translucency and high strength materials for all your zirconia needs. ArgenZ Zirconia is available in Super Translucent Multilayer, Anterior Super Translucent, High Translucent Plus Multilayer, High Translucent Plus, and Ultra High Strength.

ArgenZ HT+ and HT+ Multilayer can be milled in high definition for improved interproximal definition and characterization detail.







ArgenZ HT+ Multilayer Zirconia pairs our proprietary layer blending technology with the strength and consistent shade accuracy of our proven high translucent plus material.

Available for milling in high definition by Argen.

TRANSLUCENCY STRENGTH MOLE %

45% 1250 MPa 4Y

INDICATION

COMPOSITION

• Up to 14 units $ZrO_2+HfO_2+Y_2O_3$ >99 wt% • Full contour or frame Y_2O_3 6.1-8.2 wt% HfO_2 <5 wt%

Al₂O₂ **<0.2 wt%**

DIAMETERS THICKNESSES



SHADES









*The "L" or "Light" shades were formulated for implant-retained full-arch restorations. Slightly lighter than their corresponding shade, the light shades provide a more accurate shade match on long-span to full-arch cases. Available in 20mm, 25mm, and 30mm disc sizes and digital units.









ArgenZ HT+ Zirconia offers extremely accurate, life-like restorations with 4-5% more translucency and 100-150 MPa higher strength over traditional HT zirconia.

Available for milling in high definition by Argen.

TRANSLUCENCY STRENGTH MOLE %

45% 1250 MPa 4Y

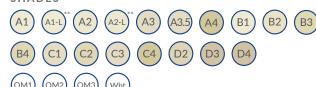
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• Up to 14 units $ZrO_2+HfO_2+Y_2O_3$ >99 wt% • Full contour or frame Y_2O_3 6.1-8.2 wt% HfO_2 <5 wt% AI_2O_3 <0.2 wt%

DIAMETERS THICKNESSES

95 98 mm 10 12 14 16 18 20 22 25 30 mm

SHADES





^{**}The L or "Light" shades are designed to match the incisal third. They have less chroma than the standard A1 and A2 shades allowing for more customization with shade liquids, modifiers, or stain.









ArgenZ ST Multilayer Zirconia features proprietary layer blending technology for natural shade transition. Suitable for single units anywhere in the mouth and up to three unit anterior bridges.

TRANSLUCENCY STRENGTH

MOLE %

50%

850 MPa

5Y

INDICATION

COMPOSITION

• Up to 3-unit anterior bridges

ZrO₂+HfO₂+Y₂O₃ Y_2O_3

>99 wt% 8.5 - 10 wt%

• Single unit posterior crowns

Al₂O₂ <5 wt%

Fe,O, HfO,

<0.1 wt% <0.1 wt%

DIAMETERS





THICKNESSES











SHADES







































Wow! Argen's STML rivals and maybe surpasses the best multilayered zirconia that we've ever used. From the body shade to the incisal translucency, the color and look throughout is natural and very pleasing. Well done Argen. Line up the shade tab, this one is ready to ship!

Mac Moffat, CAD/CAM Designer and Technician, Moffat Dental Ceramics, Inc.









ArgenZ Anterior Super Translucent Zirconia is an exciting alternative to lithium disilicate offering the highest translucency with optimal strength most

closely mimicking the natural dentin of the tooth. TRANSLUCENCY STRENGTH

50%

765 MPa

MOLE %

5Y

INDICATION

COMPOSITION

• Up to 3-unit anterior bridges

ZrO₂+HfO₂+Y₂O₃

>99 wt%

• Single unit posterior crowns

 Y_2O_3

8.5 - 10 wt%

 Al_2O_3

<5 wt%

Fe,O, HfO,

<0.1 wt% <0.1 wt%

DIAMETERS

THICKNESSES















(100) mm











SHADES (Available in 95 and 98mm)





















ArgenZ Ultra Zirconia's high strength and opaque properties make it optimal for dealing with dark stumps or for use over custom abutments.

TRANSLUCENCY	STRENGTH	MOLE %	
30%	1400 MPa	3Y	
INDICATION	СОМР	OSITION	
Up to 14 unitsFrame only	ZrO_2 Y_2O_3	90.95% 4.5 - 6.0%	

DIAMETERS





THICKNESSES











HfO₂

 Al_2O_3





≤5 wt%

≤0.5 wt%











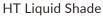
Argen's zirconia shading liquids are designed for maximum esthetics, simplicity, and consistency. The system is made in the USA and formulated to infiltrate accurately with ArgenZ Zirconia.

Our unique shading systems pair with high translucent and super translucent materials and are available in kits or individual bottles.









ST Liquid Shade



16 VITA Classical shades and 3 Bleach shades* HT formulation for high translucent materials ST formulation for super translucent materials















*Bleach shades only available in the HT formulation.

The Argen Corporation





- 4 HT Liquid Shade Samples (A1, A2, B2, and D2)
- 2 Incisal Effect Samples (Intensity 1 and 2)
- 1 Pontic Reducer Sample





ARGENZ

ST LIQUID DEMO SET

- 4 ST Liquid Shade Samples (A1, A2, B2, and D2)
- 2 Incisal Effect Samples (Intensity 1 and 2)
- 1 Pontic Reducer Sample







- 1 ArgenZ HT+ Zirconia Disc (98mm x 14mm)
- 4 HT Liquid Shade Samples (A1, A2, B2, and D2)
- 2 Incisal Effect Samples (Intensity 1 and 2)
- 1 Pontic Reducer Sample

ARGEN Z

ST DEMO SET

- 1 ArgenZ Anterior Zirconia Disc (98mm x 14mm)
- 4 ST Liquid Shade Samples (A1, A2, B2, and D2)
- 2 Incisal Effect Samples (Intensity 1 and 2)
- 1 Pontic Reducer Sample



The Argen Corporation







ArgenPMMA offers high quality, life-like temporary material in a wide selection of monochromatic and multilayer discs.









Monochromatic Pre-Shaded PMMA Disc

ArgenPMMA is used as a temporary material while a permanent restoration is created. ArgenPMMA is quick and easy to polish.

DIAMETERS

THICKNESSES





































Multilayer PMMA Disc

ArgenPMMA Multilayer discs offer a beautiful, life-like solution for temporary crowns and bridges.

DIAMETERS

THICKNESSES













SHADES





















ArgenDS HI-Base MILLING DISCS

Argen Denture Systems High Impact (HI) Base Milling Discs are used to mill premium dentures. Our HI-Base discs offer a highly esthetic, fracture resistant solution for your premium denture base needs. These strong, vibrant discs require minimal finishing and polishing.





High Impact Base Milling Discs

Argen HI-Base milling discs are 510(k) cleared and are compatible with 4-axis and 5-axis milling machines such as VHF, Roland, Imes-Icore, and others.

DIAMETER

THICKNESSES







SHADES

Original, Light Reddish Pink









ArgenWAX discs are a high quality digital wax material that provides remarkable accuracy with a wide range of material options.









Grey Milling Disc

ArgenWAX milling discs offer a high quality wax material that is easy to modify and follows standard burnout procedures.

DIAMETERS

THICKNESSES











White Milling Disc

ArgenWAX white diagnostic discs offer fully pressable wax in a rich white color. This wax burns cleanly and follows standard burnout procedures.

DIAMETERS

THICKNESSES 14











Carvable Milling Disc

ArgenWAX Carvable Discs are a true, soft wax with no resin components which are easy to press and carve or modify. Beige in color, this wax burns cleanly and follows standard burnout procedures.

DIAMETERS

THICKNESSES

98) mm

18

The Argen Corporation







Our popular Argeloy alloys are available in disc form and is perfect for dental labs with an inhouse milling center. ArgenMetal Milling Discs can be milled into screw retained units, crowns, bridges, overdenture bars, thimble bars, and more.





Available later this year.

ARGEN°CoCr255

Argen Cobalt Chrome 255 milling discs are for use in CAD/CAM manufacturing and have a Vickers hardness of 255.

ALLOY		COLOR	ADA	
Argeloy Partial Prime		White	РВ	
COMPOSITION		INDI	CATION	
Cobalt (Co) 66% Chrome (Cr) 27% Molybdenum (Mo) 6% Silicon (Si) <1%		• Up	o to 14 units M	
PROPERTI	ES		CTE	
Density	8.4		500	14.3
Vickers	255	;	600	14.5
DIAMETER (98.5) mm	S			
96.5) 111111				

12 (13.5) (15) (18) (20) (22) (24.5)





ARGEN°CoCr275

Argen Cobalt Chrome 275 milling discs are for use in CAD/CAM manufacturing and have a Vickers hardness of 275.

ALLOY		COLOR	ADA
Argeloy NP I	Argeloy NP Prime		РВ
COMPOSITION	ON	INDICATIO	DN
Cobalt (Co) Chrome (Cr) Tungsten (W) Silicon (Si)	60.5% 28.0% 9.0% 1.5%	Up to 14PFM	units
PROPERTIES		СТЕ	
Density Vickers	8.6 275	500 600	14.1 14.5
DIAMETERS (98.5) mm			

THICKNESSES

ARGEN CoCr



Available later this year.

ARGEN'Ti

Argen Titanium milling discs are for use in CAD/CAM manufacturing and have a Vickers hardness of 312.

ALLOY		COLOR	ADA
		White	РВ
COMPOSITION		INDIC	CATION
Titanium (T Aluminum Vanadium (\ Fe (Si)	(AI) 6% /) 4% < 1%	• PFN	to 14 units ∕I
PROPERTI	ES	CTE	
Density Vickers	4.423 312	500 600	9.9 10
DIAMETER 98.5 mm	S		
THICKNES 8 10	SES (12) (13.5) (15	16 18	20) (25) (30) n





ArgenResins empower dental labs to rapidly manufacture dental and orthodontics, nightguards, surgical guides, customized impression trays, and much more.

The ArgenResins product line includes Argen® MODEL Pro™, ArgenFLEX, ArgenGUIDE, and ArgenTRAY. All Argen Resins are compatible with multiple open-source 3D printers.



ARGEN Resins



Argen® MODEL Pro™ delivers swift and flawless results for removable, crown & bridge, and dental orthodontic models. We meticulously engineered Argen® MODEL Pro™ to optimize color shading, print speed, and accuracy. Available in two carefully curated colors, Argen® MODEL Pro™ pairs seamlessly with crowns, preserving their natural coloring while delivering impeccable model accuracy.

COLOR	SIZE	PRINTER COMPATIBILITY
Neutral Grey	1 kg	385 nm
Sandstone		405 nm

The Argen Corporation





ARGEN'MODEL

ArgenMODEL is a strong model material that is ideal for fast printing of dental and orthodontic models. ArgenMODEL has been designed to reproduce smooth, flawless details with increased printing speed and has an integrated thermoforming release agent which makes it ideal for orthodontic models.

COLOR	SIZE	PRINTER COMPATIBILITY
Beige	1 kg	385 nm
Grey	4 kg	405 nm



ARGEN GUIDE

ArgenGUIDE is a strong, transparent biocompatible resin that is used for fabricating surgical guides that help in accurate implant positioning. ArgenGUIDE is fully autoclavable using steam sterilization.

COLOR	SIZE	PRINTER COMPATIBILITY
Clear	1 kg	385 nm 405 nm

ARGEN Resins





ArgenFLEX is a strong, biocompatible resin that is ideal for printing night guards, occlusal splints and a variety of orthodontic and dental appliances. ArgenFLEX is flexible, easy to polish and stain resistant.

COLOR	SIZE	PRINTER COMPATIBILITY
Transparent	1 kg	385 nm 405 nm



ARGEN TRAY

ArgenTRAY 3D Printing Resin is a strong, durable biocompatible resin that is used for fabricating custom dental trays used for conventional impressions.

ArgenTRAY is sturdy enough to withstand forces generated when removing an impression.

COLOR	SIZE	PRINTER COMPATIBILITY
Clear	1 kg	385 nm 405 nm

The Argen Corporation





Asiga DentaGUM

COLOR	SIZE	PRINTER COMPATIBILITY
Pink	500 g 1 kg	385 nm

Asiga's DentaGUM is a flexible pink material developed to replicate the patient's gingiva and is an essential component when producing a dental implant case. Asiga DentaGUM offers excellent accuracy and rebound.



Asiga DentaCAST

COLOR	SIZE	PRINTER COMPATIBILITY
Green	1 kg	385 nm 405 nm

Asiga DentaCAST is an "Ash-Free" direct-cast material for lost-wax casting. No more hand wax-ups as with digital design and 3D printing you can digitally produce your metal partial frameworks, gold crowns, bridges or even press lithium disilicate quickly and accurately.



Asiga DentaFORM

COLOR	SIZE	PRINTER COMPATIBILITY
Gray	1 kg	385 nm 405 nm

Asiga DentaFORM is a high heat resistant material with unique "Anti-Stick" surface release chemistry making it perfect for vacuum and pressure thermoforming. Asiga's 'Anti-Stick' formula resists sticking to the heated substrate allowing you to remove the formed appliance without breakage to the model or appliance.





Asiga DentaSTUDY

COLOR SIZE PRINTER COMPATIBILITY

Pearly White 1 kg 385 nm

Asiga DentaSTUDY model material was developed with diagnostics in mind. With it is vibrant white color and high precision, it is perfect for producing digital diagnostic wax-up models, study models, and orthodontic models.



Asiga DentaMODEL

COLOR SIZE PRINTER COMPATIBILITY

Almond 1 kg 385 nm 405 nm

Asiga DentaMODEL is a high-accuracy material for 3D printing crown and bridge removable die models and implant analog models. With its stone-like almond color, you will quickly be able to find margin lines and view crisp anatomical details with ease.



Rodin[™] Sculpture 2.0 Resin

Rodin™ Sculpture 2.0 is the next monumental evolution of Pac-Dent's crown and bridge material. This zirconia-infused nanohybrid has been engineered to transcend the standards of permanent dental restorations. This next-generation resin achieves previously unseen levels of flexural strength and ceramic filler content, redefining what can be achieved through 3D printed restorations.

COLO	R	SIZE	PRINTER COMPATIBILITY
A1 A2 A3 A3.5 A4 B1 B2 B3	C1 C2 C3 C4 D2 D3 D4 OM1 OM3	300 g 600 g 1.2 kg	385 nm 405 nm



Rodin[™] Sculpture Resin

Rodin™ Sculpture is a revolutionary crown and bridge ceramic-nanohybrid resin that offers best-in-class aesthetics, high mechanical strength, low wear rate, and fracture resistance against leading competitors.

COLO	R	SIZE	PRINTER COMPATIBILITY
A1 A2 A3 A3.5 A4 B1 B2 B3	C1 C2 C3 C4 D2 D3 D4 OM1 OM3	300 g 600 g 1.2 kg	385 nm 405 nm





Rodin[™] Titan Resin

Rodin™ Titan is Pac-Dent's ceramic nanohybrid resin designed for printing long-term full arch restorations and provisional hybrid dentures. Rodin™ Titan preserves the core composition of Rodin™ Sculpture—a class II ceramic nanohybrid with analogous ceramic filler content, but now features a substantially increased flexibility for enhanced impact strength.

COLOR	SIZE	PRINTER COMPATIBILITY
A1 A2 A3 B1	300 g 600 g 1.2 kg	385 nm 405 nm

OM1

OM₃



Rodin[™] Denture Base Resin

Rodin™ Denture Base 2.0 is a biocompatible Class II material that is revolutionizing the creation of denture bases. With its improved flexibility, stability, and a diverse range of gingival shades, this advanced formula offers a new standard in denture fabrication, combining durability, aesthetics, and patient comfort.

COLOR	SIZE	PRINTER COMPATIBILITY
Light Pink Original Pink Meharry Classic Pink	1 kg	385 nm 405 nm



Rodin[™] Try-In Resin

Rodin™ Try-In provides an alternative material for creating precise denture models before the final fabrication of denture bases and teeth. Designed to streamline your workflow, this ideal, low-cost solution ensures accurate verification of digital designs and intraoral fit checks, crucial for temporary or permanent digital fixed restorations and provisionals.

White	1 kg	385 nm 405 nm	
COLOR	SIZE	PRINTER COMPATIBILITY	



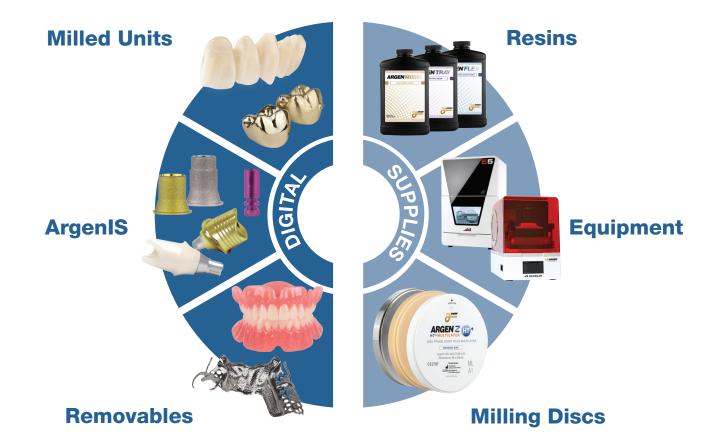
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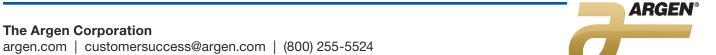




ARGEN Resins

MORE OPTIONS. MORE SMILES.





Argen Materials Product Catalog

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