



# Essix<sup>®</sup> ACE<sup>®</sup> Plastic

High Performance Plastic for  
Retention and Clear Aligners [page 8](#)

## Raintree Distributor Catalog

1.800.883.8733 | [essix.com](http://essix.com)

## Product Returns Terms & Conditions:

All returns must receive a RETURN MATERIALS AUTHORIZATION (RMA) number from the DENTSPLY Raintree Essix Customer Service Department prior to shipment. This RMA number must be clearly noted on the outside of the shipping carton. If products are shipped without an RMA, the customer will be charged a \$25.00 processing fee.

For all returns, please call 1.800.883.8733.

1. All products returned for credit or exchange must be of current design in the original, unopened, sealed package and in sellable condition. Damaged, opened, outdated, obsolete, used, "demo" products, or products and parts purchased more than 6 months prior to the current date are not returnable for credit or exchange.
2. A copy of the original invoice must accompany all product returns for credit or exchange. Consumables must have corresponding Lot and expiration dates. All Equipment must have serial number referenced on invoice.
3. Any credit applied will be based on original invoice price.
4. No discontinued products will be accepted for return.
5. Return Authorization and credit will not be issued for overstock/inventory relief.
6. Subject to the above, products (except equipment) can be returned within 30 days of invoice date for full credit. Products (except equipment) returned after 30 days are subject to a minimum 20% restocking charge. Products (except equipment) will not be accepted for return credit or exchange beyond 6-months from the original invoice date. Equipment can be returned within 30 days of invoice date for credit, but is subject to a 20% restocking fee. No unopened equipment will be accepted for return credit or exchange beyond 30 days of invoice date. Merchandise that is part of a promotion combining full price and free items is not returnable for credit or exchange. Free item must be of equal or lesser value.
7. Final approval for replacement or credit is at the sole discretion of DENTSPLY Raintree Essix.
8. Transportation charges both ways must be paid by customer or distributor on products, parts or accessories returned for credit or exchange, regardless of the warranty period.
9. Opened packages of all equipment cannot be accepted for credit by DENTSPLY Raintree Essix. Upon evaluation if equipment can be repaired, standard repair and repackaging charges will be applied based on product received. If repair charges exceed warranty coverage, customer will be notified and approval must be received before additional repairs are made. There is a 90-day warranty on the repair parts and labor for qualifying small equipment.
10. Custom, imprinted, made-to-order, or customer modified products are not returnable for credit or exchange.
11. Products made up of multiple components must remain intact until delivered to the dental office or laboratory if CE marked.

## Shipping

All orders will be shipped United Parcel Service (UPS) unless otherwise specified.

Next day and second day air service is also available. All prices are FOB Bradenton, Florida.

## Billing and Payment

All orders are accepted on a basis of payment terms pre-approved by the Finance Department in advance of shipment of the order. An invoice or packing slip is enclosed with each shipment, and purchases may be paid for by individual invoice. Master Card, Visa, and American Express are accepted.

## Terms and Conditions

We upgrade the quality and design of our products on a continuing basis, and because of this, we reserve the right to improve, modify, or discontinue products at any time, or to change specifications, terms, conditions, or prices without notice.

Drufosoft, QwikStrips and TRAY-LUX are not trademarks of DENTSPLY.

1.800.883.8733 • [essix.com](http://essix.com)

Dentsply International Raintree Essix  
7290 26th Court East • Sarasota, FL 34243 USA

Not responsible for typographical errors. Colors are for illustration purposes only.  
Actual color of product may vary. All descriptions, items and pricing listed herein are subject to change.

©2016 DENTSPLY RTE-189-16 #CATALOG-NP





For better, safer,  
faster dental care

# Raintree Essix

## Product Categories

- 04 Essix® Plastic
- 12 Trimming Tools
- 18 Impressions & Models
- 24 MTM® Clear•Aligner In-Office
- 29 Interproximal Reduction
- 37 Patient Care



# Essix<sup>®</sup> Plastic



Appearance. Strength. Durability. There are plenty of reasons to insist on authentic Essix® Brand Plastic.

With 10 types of thermoforming plastic, Essix® Brand is a respected name in clear orthodontic retention and polymer technology. From the clarity of Essix ACE® Plastic, to the durability of Essix C+® Plastic, to the bonding capabilities of Essix A+® Plastic, it's no wonder so many practices rely on genuine Essix® Brand Plastic to help guarantee compliance and satisfaction.

When it comes to meeting the needs of clinician and patient alike, Essix® Brand Plastic gives you the quality you demand.

## Choose the Right Essix® Plastic for Each Application

	ALIGNERS - STANDARD	ALIGNERS - BRUXERS	RETAINERS - STANDARD	RETAINERS - BRUXERS	WHITENING TRAYS	NIGHTGUARDS	MOUTHGUARDS - NON-CONTACT SPORTS	MOUTHGUARDS - CONTACT SPORTS	BITE PLANES	BRUXISM APPLIANCES	TEMPORARY BRIDGES	TMJ SPLINTS	MODEL DUPLICATION/TRANSFER	ACCEPTS ACRYLICS/BONDING AGENTS
Essix® PLUS™ Plastic			X	X										X
Essix ACE® Plastic	X		X								X			
Essix C+® Plastic		X		X										
Essix® Nightguard Laminate						X								
Essix® Dual Laminate												X		X
Essix® Bleach Tray and Model Duplication Material					X								X	
Essix A+® Plastic									X					X
Essix Tray Rite® Plastic					X									
Essix® Laminated Sports Mouthguard Material								X						
Essix® Sports Mouthguard Material							X	X						

Essix® plastics are not made with natural rubber latex or BPA. Chart indicates primary use.



# Essix® PLUS™ Plastic

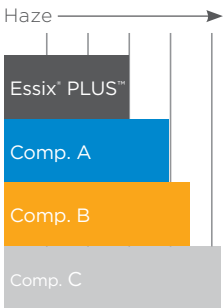
## Redefining Retention

- Essix® PLUS™ Plastic is proven to look clearer, last longer and resist more staining
- Its proprietary formulation is extremely user friendly
- Appliances remove easily from models and trim effortlessly

**Up to 43% more clear** than leading competitors\*

### Clarity

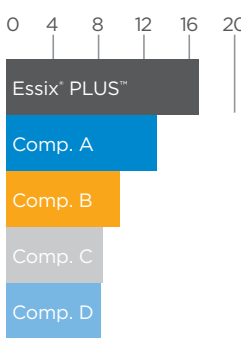
on a thermoformed sheet



**Up to 2X more durable** than leading competitors\*

### Durability

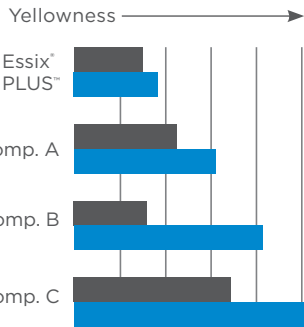
Energy to Break (Joules)



**Up to 7X more stain-resistant** than leading competitors\*

### Staining

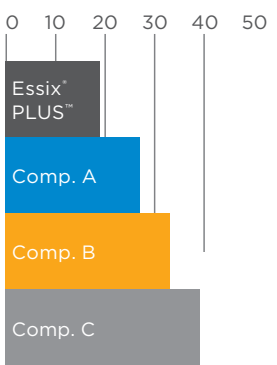
n Before Soak n After Soak



**Up to 51% more wear-resistant** than leading competitors\*

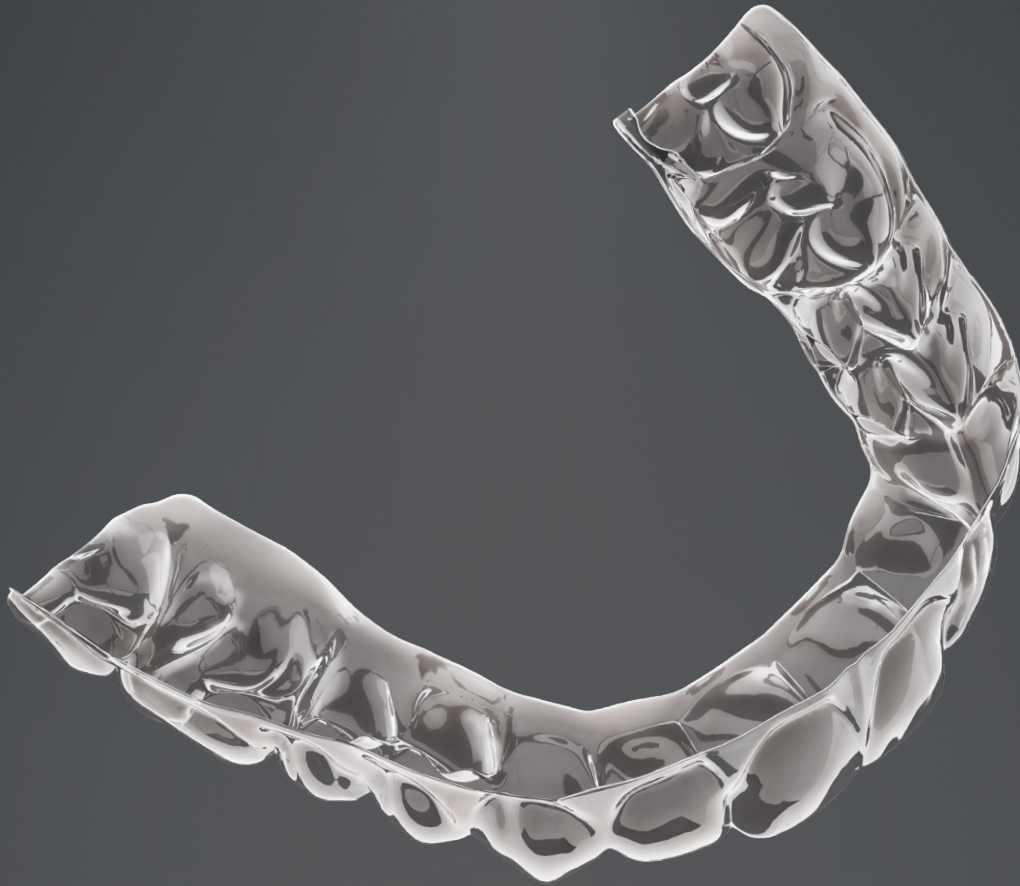
### Wear-Resistance

Material Loss in mg



\*Data on file.





Primary Use: Retainers and Bruxism Appliances

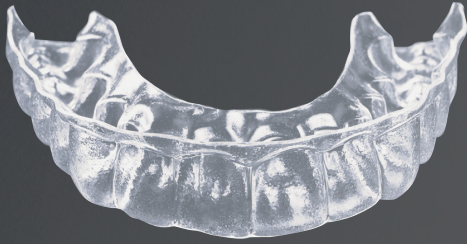
ESSIX® PLUS™ Plastic

- Excellent clarity and durability
- Easy to form and trim, excellent wear and impact resistance
- Accepts acrylics/bonding agents
- Protective film on both sides
- Also use for aligners and temporary bridges
- Patent #5,692,894

THICKNESS	SHAPE	ITEM #
.035" / 7/8 mm	5" Square	#1APL35S5
	125mm Square	#1APL35S125
	125mm Circle	#1APL35C125
	120mm Circle	#1APL35C120
.040" / 1mm	5" Square	#1APL40S5
	125mm Square	#1APL40S125
	125mm Circle	#1APL40C125
	120mm Circle	#1APL40C120



Primary Use: Aligners and Retainers



ESSIX® ACE® Plastic

- Average life: 18-24 months
- Clear material has protective film on both sides; store in a cool, dry place
- Also use for temporary anterior bridges
- Patent #5,692,894

THICKNESS	SHAPE	ITEM #
.030" / 3/4 mm	5" Square	#1A350
	125mm Square	#1A347
	125mm Circle	#1A325
	120mm Circle	#1A320
.035" / 7/8 mm	5" Square	#1AH50
	125mm Square	#1AH347
	125mm Circle	#1AH25
	120mm Circle	#1AH20
.040" / 1mm	5" Square	#1A450
	125mm Square	#1A478
	125mm Circle	#1A425
	120mm Circle	#1A420

Primary Use: Aligners and Retainers for Bruxers



ESSIX® C+® Plastic

- Average life: 24 months
- Contact clarity; store in a cool, dry place
- Not for use with acrylics/bonding agents
- Also use for bite planes
- Patent #5,692,894

THICKNESS	SHAPE	ITEM #
.040" / 1mm	5" Square	#1C500
	125mm Square	#1C478
	125mm Circle	#1C125
	120mm Circle	#1C120

Essix® plastics are not made with natural rubber latex or BPA.

Primary Use: Whitening Trays

For Use With Vacuums

ESSIX® TRAY RITE® Plastic

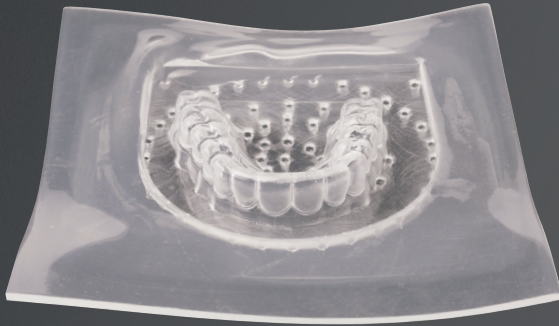
- Clings to the tooth surface
- Doesn't stretch like EVA material - helps prevent bleaching material from leaking into mouth
- No reservoirs needed when fabricated on a vacuum machine
- Patent #6,089,869

THICKNESS	SHAPE	ITEM #
.020" / 1/2mm	5" Square	#70500
	125mm Circle	#70125
	120mm Circle	#70120





Primary Use: Model Duplication



ESSIX® Bleach Tray and Model Duplication Material

- Use .040"/1mm or .060"/1 1/2mm thicknesses for bleach trays
- Use any thickness for model duplication
- May also be used for transfer cases

THICKNESS	SHAPE	ITEM #
.040"/1mm	5" Square	#1M045
	125mm Circle	#1M04C
.060"/1 1/2mm	5" Square	#1M065
	125mm Circle	#1M06C
.080"/2mm	5" Square	#1M085
	125mm Circle	#1M08C
	120mm Circle	#1M080C








Primary Use: Temporary Bridges



ESSIX® Pontics

- Wear-resistant, vacuum-processed synthetic resin
- Special lingual channel ensures pontic locks into the plastic appliance
- Patent Pending



<p>Gray (G) 59 Vita C1*</p> 	 <p>(A) Width of 6 anterior teeth on curve</p>
<p>White (W) 62 Vita B1*</p> 	
<p>Yellow (Y) 65 Vita A1*</p> 	 <p>(B) Length (C) Width</p>
	 <p>(D) Straight line measurement of 4 upper posterior teeth</p>
	 <p>(E) Straight line measurement of 4 lower posterior teeth</p>

\* Vita A, B & C designations correspond to the Vita® shade guide, which is meant to be a guide, not a match. Vita is not a trademark of DENTSPLY.

Upper Laterals #EUT6-(color)

Mold Classification	Tapered
Length Lateral (B)	9.9mm
Width Lateral (C)	6.2mm



Tapered Upper Anteriors #TUA6-(color)

Mold Classification	Tapered
Total Width on Curve (A)	49.5mm
Length Lateral (B)	10.8mm
Width Lateral (C)	8.3mm



Square Upper Anteriors #SUA6-(color)

Mold Classification	Square
Total Width on Curve (A)	57mm
Length Central (B)	11mm
Width Central (C)	9.4mm



Lower Anteriors #ELA6-(color)

Total Width on Curve (A)	37.5mm
Length Central (B)	9.7mm
Width Central (C)	5.1mm



SET OF 6

0° Posteriors - Upper

#PUMO-(color)	
Width Upper (D)	32.2mm



0° Posteriors - Lower

#PLMO-(color)	
Width Lower (E)	34mm



SET OF 8

ESSIX® PONTICS SET #EPOO4-(color)

Includes 6 cards, 1 ea. type



Primary Use: Bite Planes



ESSIX® A+® Plastic

- Clear material has protective film on both sides
- Accepts acrylics/bonding agents; store in a cool, dry place
- Additional uses include splints, nightguards (2mm and 3mm) and snoring appliances
- .020", .030" and .040" not recommended for bruxers
- Patent #5,692,894

THICKNESS	SHAPE	ITEM #
.020"/1/2mm	5" Square	#10025
	125mm Square	#10020
	125mm Circle	#11020
	120mm Circle	#11021
.030"/3/4 mm	5" Square	#10035
	125mm Square	#10030
	125mm Circle	#11030
	120mm Circle	#11031
.040"/1mm	5" Square	#10045
	125mm Square	#10040
	125mm Circle	#11040
	120mm Circle	#11041
.060"/1 1/2mm	5" Square	#10065
	125mm Square	#10060
	125mm Circle	#11060
	120mm Circle	#11061
.080"/2mm	5" Square	#10085
	125mm Square	#10080
	125mm Circle	#11080
	120mm Circle	#11081
.120"/3mm	5" Square	#13500
	125mm Circle	#13125
	120mm Circle	#13120

Primary Use: TMJ Splints

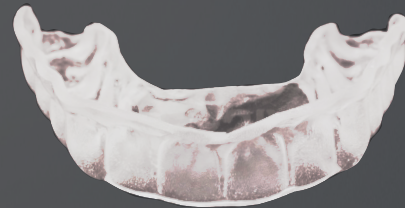


ESSIX® Dual Laminate

- Dual-sided construction: hard top surface withstands mastication pressure while soft bottom surface provides patient comfort
- Accepts bonding agents
- Also use for nightguards, clenchers and grinders
- Note: Not recommended for use in a Drufomat.

THICKNESS	SHAPE	ITEM #
.080"/2mm	5" Square	#12500
	125mm Circle	#12125
.120"/3mm	5" Square	#1MEDL
	125mm Circle	#1MEDL125

Primary Use: Bruxism Appliances



ESSIX® Nightguard Laminate

- Single-sided construction; soft surface
- Excellent shape memory and abrasion resistance
- Also use for orthodontic repositioners and periodontal splints

THICKNESS	SHAPE	ITEM #
.120"/3mm	5" Square	#1MENL

Essix® plastics are not made with natural rubber latex or BPA.



Primary Use: Contact Sports

ESSIX® Laminated Sports Mouthguard Material

- Two laminated layers of protection
- A 1/8" plastic insert helps protect the incisal edges of teeth
- Store in a cool, dry place



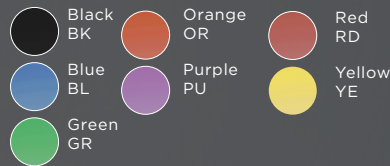
LAMINATION		Pre-laminated	
SHAPE	THICKNESS	COLOR	ITEM #
5" Square	.160"/4mm	CLEAR:	#1MLS5
		1-COLOR:	#1MLS5-(color)
		2-COLOR:	#1MLD5-(color)
	.200"/5mm	3-COLOR:	#1MLT5 Red/White/Blue
		CLEAR:	#1MLS55
		1-COLOR:	#1MLS55-(color)

Essix® plastics are not made with natural rubber latex or BPA.

4mm only



4mm & 5mm



Primary Use: Contact Sports

ESSIX® Sports Mouthguard Material

- Use for children and young adults participating in low-contact sports
- Offer your patients their favorite team colors!
- Store in cool, dry place



LAMINATION		None	
SHAPE	THICKNESS	COLOR	ITEM #
5" Square	.120"/3mm	CLEAR:	#1M125
		1-COLOR:	#1M125-(color)
	.160"/4mm	CLEAR:	#1M155
		1-COLOR:	#1M155-(color)
125mm Circle	.120"/3mm	CLEAR:	#1M12C
		1-COLOR:	#1M12C-(color)
	.160"/4mm	CLEAR:	#1M15C

3mm & 4mm



4mm only





# Trimming Tools



### Essix® Window Bur

- Creates the “window” or space in a clear aligner for tooth to move into during minor tooth movement.
- For slow-speed straight handpiece only
- Head Size: 0.74mm x 5.2mm

#18925



### Sports Mouthguard Trimming Bur

- Use to efficiently achieve smooth edges, after trimming away excess plastic
- Follow with Polishing Brushes for fine contouring and smoothing
- 2.35mm shank; coarse grit

#MGTB-1 Sold in packs of 5



### Trimming Wheel

- Trim plastic appliances with this high-quality, rigid one-piece tool.
- 10mm head size; 0.5mm thickness
- Max. speed 10,000rpm

#18320



### Trimming Burs

- Trim plastic appliances easily and effectively.
- Straight handpiece only; max. speed 10,000rpm

#18901 Basic, Head Size: 5.5mm x 13.2mm

#18979N Narrow, Head Size: 2.3mm x 23mm

#18979W Wide, Head Size: 7mm x 14mm

#18979S Set of Wide & Narrow



### Polishing Brushes

- Ideal for polishing edges of plastic appliances.
- Scotch-Brite® material pre-mounted on mandrel
- Use with Cordless Dremel;
- Max. speed 5,000rpm

#18981 (12) Coarse

#18982 (12) Medium

#18983 (12) Fine

#1898C t

Scotch-Brite® is not a trademark of DENTSPLY.



### Border Polishers

- Smooth Edges of Appliances
- Use with Cordless Dremel or slow-speed handpiece at a maximum of 10,000rpm.

#18973 Coarse Grit

#18972 Medium Grit

#18971 Fine Grit

#18970 Set (1) ea. grit



### Cast Removing Instrument

- Helps Avoid Costly Cast Damage
- Use under the distal flange to work appliance up off the model to ensure plastic integrity and avoid breaking the cast.

#18742



### Accentuator® Tool

- Helps Ensure a Snap-in Fit
- Use to guide plastic down into the interproximal undercuts.

#18943



#### 4" Curve Scissors

- Help obtain a clean, smooth edge on the lingual anterior region of Essix® appliances
- Ideal for bleaching trays
- Autoclavable.

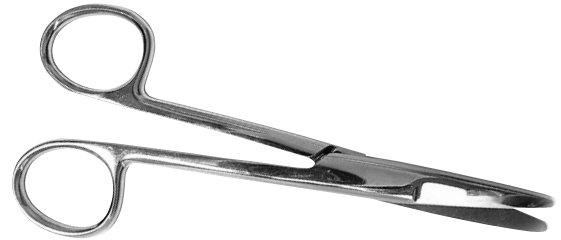
#18004



#### 5 1/2" Mayo Scissors

- Ideal for cutting the labial outline on Essix® appliances with minimal jagged edges.
- The curve of the scissors follows the curve of the arch.
- Autoclavable.

#18001



#### 8" Universal Shears

- Excellent for quickly trimming excess plastic and more rigid materials.
- Heavy-duty stainless steel
- Serrated edges
- Easy grip handles

#18005



#### 3 1/4" Crown & Bridge Scissors

- Designed for precise trimming, especially for the palatal or lingual on full arch appliances.
- Autoclavable.

#18002

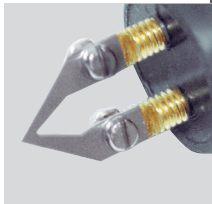
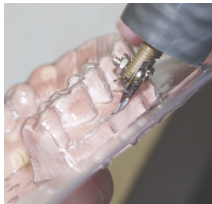


### Precision Electric Heat Knife

- Best for trimming custom sports mouthguards and scalloping custom bleach trays
- Melt and cut thermoforming plastic — up to 4mm splint material
- Built-in regulator
- Three-month warranty

#88550 110v Knife

#88550-BLADE Extra Heat Tip



### Butane-Powered Microtorch

- Safety-starter lock
- Adjusts to broad or pinpoint flame; hands-free option with intense flame
- Attached, flared base provides stability

#MT001 Microtorch

Item may be shipped via ground delivery only - no air delivery.



### Clear Straps

- Attach to sports mouthguard

#1M-STP-CL (12) Straps



### Finishing Liquid

- Rub on completed custom sports mouthguards for a high-quality finish
- Contains natural eucalyptus

#4466N 250ml Bottle

Item may be shipped via ground delivery only - no air delivery.

## Cordless Dremel

- Use to trim and polish removable appliances.
- Special dental chuck and charger
- Two speeds: 6,500 and 13,000 rpm
- Two-year manufacturer's warranty

#DR001 Cordless Dremel 110v

#DR006 Extra Dremel Battery

#DR007 Cordless Dremel 110v with Extra Battery

## Essix® Lab Knife

- Good for cutting distal ends on plastic appliances and for cutting windows in aligners for tooth movement.

#18800 Essix® Lab Knife

#188RF 25 Refill Blades

#18KIT Essix® Lab Knife & 25 Refill Blades

## Achieving a Perfect Fit Bundle

- Achieve a perfect-fitting aligner or retainer
- (12) 10oz cans Freeze Spray Coolant (#22000)
- 12oz can Trim-Rite® Release Agent (#21004)
- Accentuator® Tool (#18943)
- Appliance Trimming Kit (#KIT-TRIM)

#18PFT

## Freeze Spray Coolant

- Provides enhanced adaptation
- Use to cool plastic after thermoforming to prevent malformation of plastic.
- Without this rapid cooling, lingual or palatal edge may lift.
- Also used to increase flexibility on thermal-activated arch wires.
- Patent #6,371,759

#22000 10oz can

#22000-12 (12) 10oz cans

Can only be shipped via ground delivery—sorry, no air delivery.

## Trim-Rite® Release Agent

- Helps Avoid Broken Models
- Spray the cast to ensure a clean separation of the working cast from the thermoformed plastic.
- Works with all thermoforming plastics
- Formulated not to turn plastic yellow!

#21004 12oz can

Can only be shipped via ground delivery—sorry, no air delivery.







# Impressions & Models

## Both imprESSIX® Alginate formulas:

- 25 micron line detail
- Dustless
- 2 casts per impression
- Fills tray smoothly
- Easy to remove from mouth
- Natural fruit smell
- Named the Top-Rated Alginate by THE DENTAL ADVISOR seven years in a row!



### ImprESSIX® Color Change Alginate

- Tells You When It's Ready.
- Setting time: 60 seconds.
- Dimensional stability: 5 days (inside sealed plastic bag)

#IEC001 500g Bag

#IEC001-20 Case (20) 500g Bags

### ImprESSIX® Extra Fast Set Alginate

- Do More in Less Time.
- Setting time: 45 seconds.
- Dimensional stability: 2 days (inside sealed plastic bag)

#IE001 500g Bag

#IE001-20 Case (20) 500g Bags



### imprESSIX® Alginate Starter Kit

- Includes 500g bag imprESSIX® Alginate, Scoop, Storage Canister and Water Dosing Bottle.

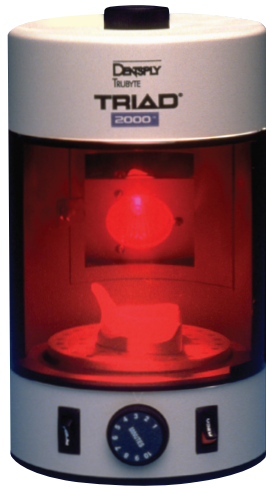
#IE001-SK Extra Fast Set

#IEC001-SK Color Change

#ASC01 Canister

#AMS01 Scoop





### Triad® 2000 Light Cure System

- Specifically designed to cure Triad® materials using light and heat
- Turntable rotates for even heat distribution
- 2.125" h x 7" w x 10.75" d; weighs 14lbs; Five-year warranty

#31SYS 110v



### Tray-Lux™ Light Curing Unit

- Digital timer adjusts from 6 sec. to 99 min.
- 3.5" h x 5.3" w x 10.25" d; 4.63lbs.
- Six-month warranty

#LCB001 110v

#LCB-BULB Replacement Bulb

TRAY-LUX is not a trademark of DENTSPLY.



### Triad® Gel Light Cure Material

- Block out excessive undercuts on the cast,
- Correct cast discrepancies
- Create space in Essix® aligners for tooth movement

#30AST Assorted - (1) each of Clear Pink, Clear Colorless, Clear Blue, Clear Red

#30004 Clear Pink

#30006 Clear Colorless (4) 22g tubes



### Triad® VLC Provisional Composite Material

- Used to make bite planes, TMJ Splints, and posterior stabilization appliances
- 4" ropes are easy to mold

Light Ivory

#31006 (6) Ropes

#31030 (30) Ropes

Enamel Color

#31106 (6) Ropes

#31032 (30) Ropes



## MTM® Clear•Aligner In-Office The Hands-On Alternative

MTM® Clear•Aligner In-Office is based on a hands-on technique developed by orthodontist Dr. Keith Hilliard to address increased patient demand for esthetic treatment. In use for over a decade, his widely-published<sup>1</sup> and practiced method uses basic orthodontic principles to achieve minor tooth movements that cost-effectively improve the patient's smile. MTM® Clear•Aligner In-Office utilizes Essix® Brand

plastics<sup>2</sup> and the Thermoplier® Pliers to fabricate clear plastic aligners that move teeth with integrated "force points".

This versatile technique is used by clinicians nationwide as a standalone esthetic treatment, for mid-course correction or refinement of orthodontic cases, and in preparation for other cosmetic or therapeutic procedures.

1. Essix Appliance Technology: Applications, Fabrication and Rationale, J. Sheridan, K. Hilliard & P. Armbruster (2003) GAC International, Inc.; The Invisalign System, O. Tuncay, (2006) Quintessence Publishing; Orthodontics: Current Principles & Techniques (4th Ed.), T. Graber, R. Vanarsdall & K. Vig, (2005) Mosby, Inc.; Contemporary Orthodontics (4th Ed.), W. Proffit, H. Fields, & D. Sarver, (2007) Mosby, Inc.

2. Materials are indicated for the fabrication of orthodontic and dental appliances such as aligners, bite planes, nightguards, splints, retainers and temporary bridges.





### Hakko® Digital Thermometer & Dental Burner Set

- Set includes: #82591 Fahrenheit Thermometer,
- #82TAB Dental Burner and
- #82585 EconoGas Butane

#825BT

### Hakko® Digital Thermometer

- Overheated pliers may poke holes into aligners, while under-heated pliers may distort or stretch materials.
- Measure exact temperature of pliers to ensure a “perfect” bump
- includes 10 couplers
- 5.75” x 2.5” x 1.75” ; 1-year warranty

#82591 Fahrenheit F°

#82591-C Celsius C°

#82592 (10) Extra Couplers

### Dental Burner

- State-of-the-art piezo crystal instant ignition
- One-handed touch-activated operation; adjustable flame
- Lock burner “on” for longer tasks, or “off” for safety
- 5.5” x 2.5” x 2.5” ; one-year warranty

#82TAB Dental Burner

#82585 6oz EconoGas Butane

### MTM® Clear•Aligner In-Office Kits

- A fast and convenient way to integrate MTM® Clear•Aligner into your practice,
- MTM® Clear•Aligner In-Office Kits put you on the pathway to better case outcomes and bigger profits
- Visit [essix.com](http://essix.com) for more information on MTM® Clear•Aligner Kits.
- Save hundreds of dollars vs. buying each item separately!

#821KIT

#820KIT

Pliers can be autoclaved. Patent #6,293,790 and Patent #6,702,575.

EconoGas can be shipped via ground delivery only - sorry, no air delivery.

Hakko and EconoGas are not trademarks of DENTSPLY.

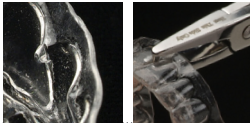
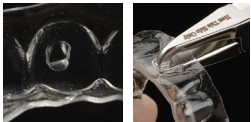
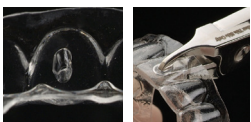

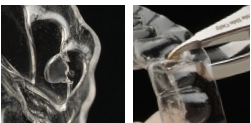
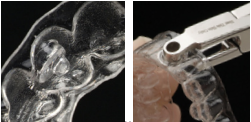

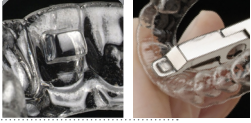



## Thermoplier® Pliers

- At the core of the MTM® Clear•Aligner In-Office treatment are the Thermoplier® Pliers.
- The Pliers are used to create or modify force points, to create space, to create slots or to form hooks in aligners.
- Force points generate pressure to gently move teeth into the desired position.
- Heat Pliers prior to using.
- Autoclavable.
- Patent #6,293,790
- Purchase as single pliers or as a set

#8253B Maxillary and Mandibular Plier Set



	Purpose / Indication	Position on Aligner	
#82510 <span style="color: red;">○</span> Red Thermoplier® Undercut Enhancer Pliers	Adjust loose aligners by tightening/extending plastic at interproximal points	Undercut areas/ embrasures on both sides of the aligner alternating undercuts	
#82520 <span style="color: white;">○</span> White Thermoplier® Maxillary Tooth Moving Pliers	Tip or rotate larger teeth	Center of the target tooth	
#82530 <span style="color: blue;">○</span> Blue Thermoplier® Mandibular Tooth Moving Pliers	Tip or rotate smaller teeth	Center of the target tooth	
#82560 <span style="color: yellow;">○</span> Yellow Thermoplier® Micro-Ramp Pliers	Tip, torque or rotate smaller teeth laterally; Allow contact close to incisal edge	On the correct location on the target tooth	
#82630 <span style="color: purple;">○</span> Purple Thermoplier® Mesial-Distal Pliers	Lateral movement of both posterior and anterior teeth; Allow contact close to incisal edge	Appropriate interproximal areas	
#82610 <span style="color: gray;">○</span> Gray Thermoplier® Large Circle Pliers	Increase the size (diameter) of a large existing force point; Elevate H.I.T.® Hooks off of teeth	In the area around the force point or hook	
#82620 <span style="color: pink;">○</span> Pink Thermoplier® Small Circle Pliers	Increase the size (depth) of small existing force point	Location of the existing force point	
#82540 <span style="color: black;">○</span> Black Thermoplier® Bite Plane Pliers	Make bite plane aligners without acrylic	On the resulting mark from articulating paper	
#82590 <span style="color: brown;">○</span> Brown Thermoplier® Bubble-Forming Pliers	Create additional space in the aligner for the target tooth to move into	The location opposite force point on target tooth	



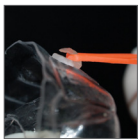
## H.I.T.® – Hook Inserting Tack Pliers

- Select tooth movements, such as closing major diastemas, may require attachments.
- The H.I.T.® System provides a way to insert external hooks onto the aligner for attaching elastics.
- The attachment is affixed to the aligner, not to the teeth. This reduces chair time, and makes it easy for the patient to seat and remove the aligner.
- Pliers should not be heated prior to using.
- Autoclavable.
- Patent #6,702,575

#82720	H.I.T.® Insertion Pliers
#82740	H.I.T.® Punch Pliers
#827HC	Set of both H.I.T.® Pliers
#827HC	Set of both H.I.T.® Pliers and #H2610
#82610	Large Circle Thermoplier® Pliers
#828HT	H.I.T.® Hooks Pack of 50
#82ELA	H.I.T.® Elastics



	Purpose / Indication	Position on Aligner
#82740 H.I.T.® Punch Pliers	Punches a hole into which the hook is inserted	In the center of raised surface on target tooth
#82720 H.I.T.® Insertion Pliers	To insert a hook	In the hole punched with Punch Pliers on target toothtarget tooth
#828HT H.I.T.® Hooks	A hook to attach elastics	In the hole punched with Punch Pliers on target tooth
#82ELA H.I.T.® Elastics	Closes spaces	Attaches to hooks in aligner



## Bonding Buttons

- Bonds with acrylic resin or other bonding agent to most plastic appliances to attach elastics.
- #82604 (10) buttons per bag



### Window-Punching Pliers

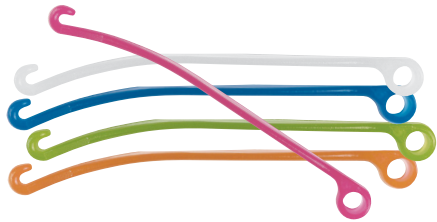
- These pliers allow easy adjustments of clear aligners for use with various orthodontic auxiliaries.
- No handpiece is needed! Pliers should not be heated prior to using.
- Autoclavable.
- Patent Pending

#827IW Incisal Window Pliers

#827GW Gingival Window Pliers

	Purpose / Indication	Position on Aligner
#827IW Incisal Window Pliers	Punches a hole in the aligner near the incisal edge to allow for other auxiliary attachments, including buttons and bands	At the incisal edge of the aligner
#827GW Gingival Window Pliers	Punches away plastic to allow for other auxiliary attachments near the gingival edge, including buttons and bands	At the gingival edge of the aligner





White W  
Tropical Blue TSB  
Tropical Green TSG  
Tropical Orange TSO  
Tropical Pink TSP

### Retainer Retrievers

- Remove appliances cleanly and efficiently
- Stores in appliance case
- 10 individual tamper-proof patient bags per pack

#RR-1-(color)



### Therapy Wafers

- Helps reduce discomfort associated with wearing orthodontic braces.
- Chewing on wafer may increase blood circulation around recently moved teeth by stimulating and massaging gum tissue

#BWFR25-GR Grape Scented, Purple

#BWFR25-BG Bubble Gum Scented, Pink

#BWFR25-CH Cherry Scented, Clear

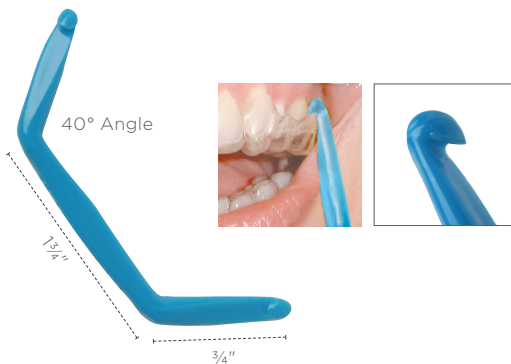


Purple Grape PG  
Yellow Pineapple YPIN  
White Unscented W  
Green Mint GM  
Pink Bubble Gum PBG

### Chewies™ Aligner Tray Seaters

- Same size (13/8" l x 7/16" w) as standard dental cotton roll.
- Made of soft plastic.
- Bags of 10 patient packs; (2) seaters per pack

#AC-(color)



### Appliance Remover Tool

- Ideal for patients with large fingers
- Convenient; fits inside appliance cases, non-disruptive to existing protocol
- 40° Angle, 1 3/4 in, 3/4 in, Patent- #7,011,517

#ART01



### Retainer Brite® Cleaning Tablets

- Uniquely formulated to help preserve clarity and cleanliness
- It's easy to supply your patients.
- Stock 1- or 3-month boxes to sell or give to patients.
- Include a Patient Pak with a new appliance!

#### #RB-36-CASE

(24) 1-Month Supply Boxes 36 tablets per Box

#### #RB-92-CASE

(12) 3-Month Supply Boxes 96 tablets per Box

#### #RB-TP

(100) Patient Paks (Each Pak has 2 tablets and reorder form)

### Sonic Cleaners

- Makes dental appliances sparkling clean!
- Works great when used with Retainer-Brite®.
- Includes a six month replacement warranty. 3.5"X4"
- uses 2 AA batteries (included)No color options

#### Non Personalized #RB-USC

Qty. 1-99

Qty. 100-499

Qty. 500+

#### Personalized #RB-USC-C

Qty. 50-99

Qty. 100-499

Qty. 500+