

Raintree Distributor Catalog





Product Returns Terms & Conditions:

All returns must receive a RETURN MATERIALS AUTHORIZATION (RMA) number from the Dentsply Sirona 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 (US dollars) processing fee.

- 1. All products returned for credit or exchange must be of current design in the original, unopened, sealed package and in saleable condition. Damaged, opened, outdated, obsolete, used, "demo" products, or products and parts purchased more than 90 days prior of invoice date, are not returnable for credit or exchange.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 90 days from the original invoice date. Merchandise that is part of a promotion combining full price items and free items is not returnable for credit or exchange. Free item must be of equal or lesser value.
- 7. Unopened Equipment can be returned within 30 days of invoice date for credit, subject to a minimum 20% restocking fee. No unopened equipment will be accepted for return credit or exchange beyond 30 days of invoice date. Once equipment is used, it cannot be returned for credit or refund. For warranty coverage on equipment there will be an evaluation if the 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 6 month warranty on repairs for qualifying small equipment.
- 8. MTM* Clear Aligner Service Center: Starter Kits (MTML-PK, MTML-OK1, MTML-SK1) are not returnable if the seal on the enclosed Welcome Kit (MTML-WK1) is broken. For Patient Case Terms and Conditions, visit www.mtmclearaligner.com and register on the Doctor Area of the site
- 9. Dentsply OrthoLab™ Laboratory: Appliance Warranty: All of our appliances carry a 90-day warranty against defects in material or workmanship. If you encounter

a problem, please return the appliance, original constructions model(s), setup and wax bite (if applicable), along with a current model(s). This warranty does not cover patient abuse or lost appliances. For Terms and Conditions, see the Catalog or Price List posted on www.dentsplyortholab.com

10. Final approval for replacement or credit is at the sole discretion of Dentsply Sirona Raintree Essix

11. 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.

12. Custom, imprinted, made-to-order, or customer modified products are not returnable for credit or exchange.

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 Origin. Products made up of multiple components must remain intact until delivered to the dental office or laboratory if CE marked. Essix.com & Smileshop.com does not ship outside the United States. Shipping to Hawaii, Puerto Rico and any other U.S. Territory may be subject to additional charges.

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. For all orders, applicable local sales tax will be added to the order total after the order is submitted.

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.

1.800.883.8733 essix.com

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

Delivering innovative dental solutions to improve oral health worldwide.

Dentsply Sirona designs and manufactures a broad range of products for the orthodontic and general dental markets. As a full service manufacturer, we are committed to quality, excellence and the pursuit of total customer satisfaction. Our business charter and quality policy are focused on the customer experience and meeting or exceeding customer requirements.

Products

Essix Plastic 04-11	Plastic Selection Chart Essix PLUS Plastic Aligners, Retainers, Whitening Trays Model Duplication, Temporary Bridges TMJ Splints, Bite Planes, Bruxism Appliances, Nightguards Sports Mouthguard Materials	05 07 08 09 10
Trimming Tools 12-19	Sports Mouthguard Tools Trimming Kits, Perfect Fit Tools, Scissors Micromotor, Polishers. Burs, Discs	13 14-15 16-19
Impressions & Models 20-25	Light Curing Materials imprESSIX Alginate, Impression Materials, Impression & Model Supplies Essix Die Stone, Essix Die Stone Single Dose Packs	21 22-23 24 25
MTM® Clear Aligner In-Office 26-30	MTM Clear Aligner In-Office Kits Thermoplier Pliers H.I.T. Hook Inserting Tack System, Window-Punching Pliers	27 28 29 30
Interproximal Reduction 31-39	SpaceFile Contra-Angle & Motor SpaceFile IPR Packs IPR Strips IPR Guages IPR Burs Separators	32 33 34-35 36 37 39
Patient Care 41-43	Chewies Aligner Tray Seaters, Remover Tools Sonic Cleaner, Retainer Brite Tablets	42 43



Essix® Plastic

Dentsply Sirona

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			Х	Х										Х
Essix ACE Plastic	Х		Х								Х			
Essix C+ Plastic		Χ		Х										
Essix Nightguard Laminate						Χ								
Essix" Dual Laminate												Χ		Х
Essix' Bleach Tray and Model Duplication Material					X								×	
Essix A+ Plastic									Χ					Х
Essix Tray Rite Plastic					Х									
Essix Laminated Sports Mouthguard Material								Х						
Essix' Sports Mouthguard Material							Х	Х						

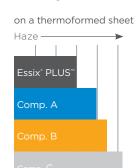
Essix* plastics are not made with natural rubber latex or BPA. Chart indicates primary use.

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*

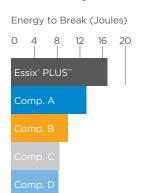
Clarity



*Data on file.

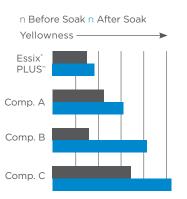
Up to 2X more durable than leading competitors*

Durability



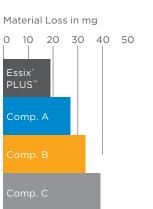
Up to 7X more stain-resistant than leading competitors*

Staining



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

Wear-Resistance





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

	5" Square	#1APL35S5
.035"/7/8	125mm Square	#1APL35S125
mm	125mm Circle	#1APL35C125
	120mm Circle	#1APL35C120
	5" Square	#1APL40S5
.040"/1mm	125mm Square	#1APL40S125
.040 / 1111111	125mm Circle	#1APL40C125
	120mm Circle	#1APL40C120

ITEM #

THICKNESS SHAPE



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 #
	5" Square	#1A350
070" /3/	125mm Square	#1A347
.030″/³/ _₄ mm	125mm Circle	#1A325
	120mm Circle	#1A320
	5" Square	#1AH50
075" /7/ 2222	125mm Square	#1AH347
.035" / ⁷ / ₈ mm	125mm Circle	#1AH25
	120mm Circle	#1AH20
•••••	5" Square	#1A450
	125mm Square	#1A478
.040"/1mm	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 #
	5" Square	#1C500
	125mm Square	#1C478
.040"/1mm	125mm Circle	#1C125
	120mm Circle	#1C120

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

Primary Use: Whitening Trays

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



For Use With Vacuums

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 125mm Circle	#1M045 #1M04C
.060"/1 ^{1/2} mm	5" Square 125mm Circle	#1M065 #1M06C
.080″/2mm	5″ Square 125mm Circle	#1M085 #1M08C
	120mm Circle	#1M080C

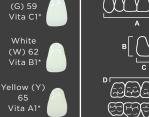
Primary Use: Temporary Bridges



ESSIX® Pontics

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





- (A) Width of 6 anterior teeth on curve
 - (B) Length (C) Width
 - (D) Straight line measurement of 4 upper posterior teeth
 - (E) Straight line measurement of 4 lower posterior teeth
- * 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

Width Central (C) 9.4mm

Lower Anteriors #ELA6-(color)

Total Width on Curve (A) 37.5mm

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

nm m

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

- 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 #
	5" Square	#10025
.020"/1/2mm	125mm Square	#10020
.020 / 1/2111111	125mm Circle	#11020
	120mm Circle	#11021
	5" Square	#10035
070" /7/4 mm	125mm Square	#10030
.030"/3/4 mm	125mm Circle	#11030
	120mm Circle	#11031
	5" Square	#10045
.040"/1mm	125mm Square	#10040
.040 / 1111111	125mm Circle	#11040
	120mm Circle	#11041
	5" Square	#10065
.060"/11/2mm	125mm Square	#10060
.060*/11/2000	125mm Circle	#11060
	120mm Circle	#11061
	5" Square	#10085
00011 / 200	125mm Square	#10080
.080"/2mm	125mm Circle	#11080
	120mm Circle	#11081
	5" Square	#13500
.120"/3mm	125mm Circle	#13125
	120mm Circle	#13120

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



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
.080 / 2111111	125mm Circle	#12125
12011/7	5" Square	#1MEDL
.120"/3mm	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

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



LAMINA	.TION F	Pre-laminated	
SHAPE	THICKNES	S COLOR	ITEM #
		CLEAR:	#1MLS5
		1-COLOR:	
160"/4mm 	2-COLOR:	#1MLD5-(color)	
5" Sq		3-COLOR:	#1MLT5 Red/White/Blue
	200"/5	CLEAR:	#1MLS55
	.200″/5mr	n 1-COLOR:	#1MLS55-(color)

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

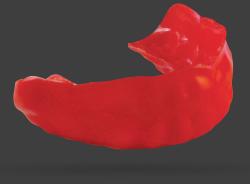
4mm only	
Black/Gold BKGD	Blue/White White/ WHBL Purple
Black/Orange BKOR	Blue/Yellow BLYE White
Black/Red BKRD	Green/ White WHGR Red/ WHGR
Black/White BKWH	Green/ Yellow
Blue/Red BLRD	GRYE Red/
4mm & 5mm	White RDWH
Black Orang BK OR	Red RD
Blue Purple	Yellow YE
Green GR	

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	ı	None		
SHAPE	THICKNESS		COLOR	ITEM #
	.120"/3mm ····			#1M125
Square :	.120 / 3111111			#1M125-(colo
5" Sc	16011/4 22 22		CLEAR:	#1M155
	.160"/4mm	•	1-COLOR:	#1M155-(colo
C a.	1201/7		CLEAR:	#1M12C
l25mm Circle	.120"/3mm			#1M12C-(colo
	.160"/4mm	•	CLEAR:	#1M15C







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

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.



Tools to create custom

sports mouthguards

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 Pack of 5



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.

Trimming Tools





Clear Straps

• Attach to sports mouthguard #1M-STP-CL (12) Straps







15

Tools to achieve the perfect fit.

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 car

Can only be shipped via ground delivery—sorry, 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

 Cut distal ends on plastic appliances or windows in aligners for tooth movement

#18800 Essix® Lab Knife

#188RF 25 Refill Blades

#18KIT Essix® Lab Knife & 25 Refill Blades

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.



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



Accentuator® Tool

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

#18943



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

Efficiently trim clear aligners and removable appliances



51/2" 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



3 1/4" Crown & Bridge Scissors

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

#18002



4" Curve Scissors

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

#18004



8" Universal Shears

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

#18005

Help eliminate frayed edges

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



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



Trimming Wheel

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

#18320



Micromotor

- finish removable plastic appliances quickly
- 0-35,000rpm non-stage speed system
- Variable speed foot control; forward and reverse
- One-year warranty

#207MM-110 110v/220v

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 Combo Pack (4) of each

Scotch-Brite® is not a trademark of Dentsply Sirona.



100,000rpm

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



<15,000rpm

Carbide Lab Burs

• Not for intra-oral use; for straight handpiece only

MAX SPEED

(1) Bur

Fine Staggered Toothin

- Use for finishing of plaster and metal alloys
- Also good for adjustments to standard retainer acrylics

thing	8	M							
olaster	A		Â		1				
ments acrylics							Ī		
ITEM#	#FST77-14	#FST77-23	#FST77-29	#FST261-23	#FST79-40	#FST351-60	#FST257-60	#FST251-60	
HEAD SIZE	1.4mm	2.3mm	2.9mm	2.3mm	4mm		6mm		
HEAD LENGTH	2.9mm	5m	ım	13m	nm	11mm	14r	mm	

<15,000rpm <30,000rpm

Staggered Toothing

• Use for die trimming on metal alloys, acrylics and plaster



Fine Toothing With Cross Cuts

- Trims standard acrylics
- Can be used on precious metals including titanium

			H	
ITEM#	#FSQ79-31	#FSQ79-70	#FSQ25160	
HEAD SIZE	3.1mm	7mm	6mm	
 HEAD LENGTH	13mm	14mm	14mm	
 MAX SPEED	100,000rpm	30,000rpm	50,000rpm	

Lab essentials

Diamond Discs

- Laboratory disc for separating and contouring of ceramics.
- Built-in mandrel
- For straight handpiece only

	911HHP140	911HHP220
Size	14mm	22mm
Sided	Double	Double
Coverage (B)	2mm	3mm
Thickness (L)	0.15mm	0.15mm
Max Speed	30,000 RPM	20,000 RPM

Flexview[™] Mesh Discs

- Laboratory disc for ultra-fine contouring/shaping on plaster, ceramics and acrylics.
- Not for breaking contact
- Built-in mandrel
- For straight handpiece only

	934HP140	934HP180	934HP220
Size	14mm	18mm	22mm
Coverage (B)	2mm	3mm	3mm
Thickness (L)	0.18mm	0.18mm	0.18mm
Max Speed	30,000 RPM	25,000 RPM	20,000 RPM



Flexview[™] Curved Discs

- Laboratory disc for superfine separating and contouring of ceramics
- Curved slots provide visibility
- Built-in mandrel
- For straight handpiece only

	983HP220
ze	22mm
ded	Double
overage (B)	7.0mm
nickness (L)	0.10mm
ax Speed	20,000 RPM



Flexible Serrated Discs

- Laboratory disc for separating and contouring acrylics.
- Built-in mandrel
- For straight handpiece only

	946HP180	946HP220
Size	18mm	22mm
Sided	Double Do	
Coverage (B)	3mm	3mm
Thickness (L)	0.20mm	0.20mm
Max Speed	25,000 RPM	20,000 RPM



Impressions and Models







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

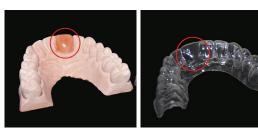
TRAY-LUX is not a trademark of Dentsply Sirona.



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



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® TranSheet™ Visible Light Cure Material

- Triad® TranSheet™ Material is a premixed sheet which is translucent when cured in the Triad VLC System.
- Ideal for: Orthodontic appliances, removable prosthodontic appliances, and fixation devices used in implant prosthodontics

Colorless

#89271 (4) Sheets **#89272** (24) Sheets

Pink

#89273 (4) Sheets **#89274** (24) Sheets

Both imprESSIX Formulas:













Easy to remove from mouth

Dustless

2 casts per

impression smoothly

Natural fruit aroma



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)

500g Bag

#IE001-20 Case (20) 500g Bags

imprESSIX® Alginate Starter Kit

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

#IEO01-SK Extra Fast Set #IEC001-SKColor Change #ASC01 Canister #AMS01 Scoop



Essix® Alginate Remover

- Remove alginate and gypsum residues from impression trays and other dental instruments quickly and easily — with no scraping or scouring!
- Environmentally-friendly, pH-neutral and biodegradable: rinses down the sink without pre-treating.
- One jar cleans over 500 impression trays!

#CAGC 1kg jar



Essix® Impression Guards

- Take Impressions without removing the archwire.
- Essix® Impression Guards stretch over brackets, eliminate undercuts and allow for smoother intact impressions.

#17550 (50) Guards



Mixing Bowls & Spatulas

- Smooth interior makes removing mixed alginate easy.
- Does not contain PVC

#AMB-(color) Bowls, 4" diameter **#TS**-(color) Spatulas

Tuff Lock™ Disposable Impression Trays

Upper Trays

#18LITU-L Adult Large - Yellow #18LITU-M Adult Medium - Green #18LITU-S Adult Small - Blue #18LITU-PMPedo Medium - Orange #18LITU-PS Pedo Small - Red

Mixed Upper & Lower Trays #18LITAST

(50) per bag; 5 ea. size

Lower Trays

#18LITL-L Adult Large - Yellow #18LITL-M Adult Medium - Green #18LITL-S Adult Small - Blue #18LITL-PM Pedo Medium - Orange #18LITL-PS Pedo Small - Red (50) per bag



22 1.800.883.8733 | essix.com

23



General Purpose Lab Vibrator

- Low, medium and high speeds
- Rubber suction cup feet hold vibrator still even during the heaviest cycles to help prevent spills!

#LVIB 110v



Ortho Box® Storage Systems

Top-Loading for Finished Cases

#OB004 Mounted models, 4 boxes
#OA004 Unmounted models, 4 boxes
Drawer-Loading for Active Cases

#OD004 Mounted models, 4 boxes
#ODA04 Unmounted models, 4 boxes
Ortho Box is not a trademark of Dentsply Sirona.



Essix® Debubblizer

- Helps eliminate air bubbles
- To reduce air entrapment in the cast, spray into the impression prior to pouring the model.
- Clear liquid.

#21008 16oz spray bottle



Fillin Blockout Material

#42541 60g box

Fillin is not a trademark of Dentsply Sirona.



Wonderfill™ Tongue and Void Filler

#WF100 1.13kg tub

Wonderfill is not a trademark of Dentsply Sirona.



Essix® Die Stone

- High compression strength makes a strong stone model.
- Working time 6-8 min.; setting time 12 min.
- Pull time minimum 30 minutes
- Completely dry at 17,000psi in 48 hours
- Low setting expansion of 0.13%
- Pink color

#16005 5.5 lb. Bag **#16025** 25 lb. Carton **#16050** 50 lb. Carton



Essix® Fast Cast Die Stone

- Allows you to deliver appliances quickly.
- Working time 60-90 sec.; setting time 2 min.
- Pull time minimum 5 minutes
- Completely dry at 14,000psi in 48 hours
- Setting expansion of 0.15%
- White color

#16505 5.5 lb. Bag **#16545** 45 lb. Carton



Essix® Die Stone Single Serve Packs

- Use with the Hurrimix Automatic Mixer
- Convenient single dose packs
- High compression strength makes a strong stone model.
- Working time 6-8 min.; setting time 12 min.
- Pull time minimum 30 minutes
- Completely dry at 17,000psi in 48 hours
- Low setting expansion of 0.13%, Pink color

#16001 Case (25 85g packs)



Essix® Fast Cast Die Stone Single Serve Packs

- Use with the Hurrimix Automatic Mixer
- Convenient single dose packs
- Allows you to deliver appliances quickly
- Working time 60-90 sec.; setting time 2 min.
- Pull time minimum 5 minutes
- Completely dry at 14,000psi in 48 hours
- Setting expansion of 0.15%, White color

#16501 Case (25 85g packs)

Earth Stone

- Full working hardness in 15 min.
- Completely dry at 19,700psi in 48 hours
- Setting expansion of 0.020% 0.027%

#16901 (18) Units Buy 4+, save 10% Buy 8+, save 20%

Earth Stone is not a trademark of Dentsply Sirona.



COMPLETE

INTRO



MTM® Clear Aligner In-Office





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 for more information on MTM Clear Aligner Kits.
- Save hundreds of dollars vs. buying each item separately!



	IN-OFFICE KIT	IN-OFFICE KIT
Red #82510 Thermoplier' Undercut Enhancer Pliers	Х	X
White #82520 Thermoplier* Maxillary Tooth Moving Pliers	Χ	X
Blue #82530 Thermoplier® Mandibular Tooth Moving Pliers	Χ	X
Yellow #82560 Thermoplier Micro-Ramp Pliers	Χ	X
Purple #82630 Thermoplier* Mesial-Distal Pliers	Χ	X
Gray #82610 Thermoplier* Large Circle Pliers	Χ	Χ
Pink #82620 Thermoplier' Small Circle Pliers		Х
Black #82540 Thermoplier® Bite Plane Pliers		Χ
Brown #82590 Thermoplier* Bubble-Forming Pliers		X
#82740 H.I.T.* Punch Pliers	Χ	X
#82720 H.I.T. Insertion Pliers	Х	Х
#828HT (50) H.I.T." Hooks	Χ	X
#82ELA ³ /8" Ultra Non-Latex Elastics	Χ	Χ
#18999 APIG" – Pressure Indicating Gel		Х
#82591 Hakko' Digital Thermometer	Х	Х
#82TAB Dental Burner	Х	Х
#82585 EconoGas Butane Refill	Х	Х
#CAT-THERMO How to Use the Hilliard Thermoplier® Pliers	Х	Х
#MTMARS-O (10) Ortho Rx Sheets		Х
#MTMARS- (10) Dental Rx Sheets	Х	
#82ORG Essix® Essentials Organizer	Х	Х
(25) Essix ACE $^{\circ}$ Plastic Sheets 5" Square, .035"/ 7 ₈ mm Thickness	X	
(25) Essix C+ [*] Plastic Sheets 5" Square, .040"/1mm Thickness	Х	
Pliers can be autoclaved. Patent #6,293,790 and Patent #6,702,575.	#82IKIT	#820KIT

^{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,

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

Fahrenheit Fº #82591 #82591-C Celsius Cº **#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 6oz EconoGas Butane

EconoGas can be shipped via ground delivery only - sorry, no air delivery. Hakko and EconoGas are not trademarks of Dentsply Sirona.

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

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

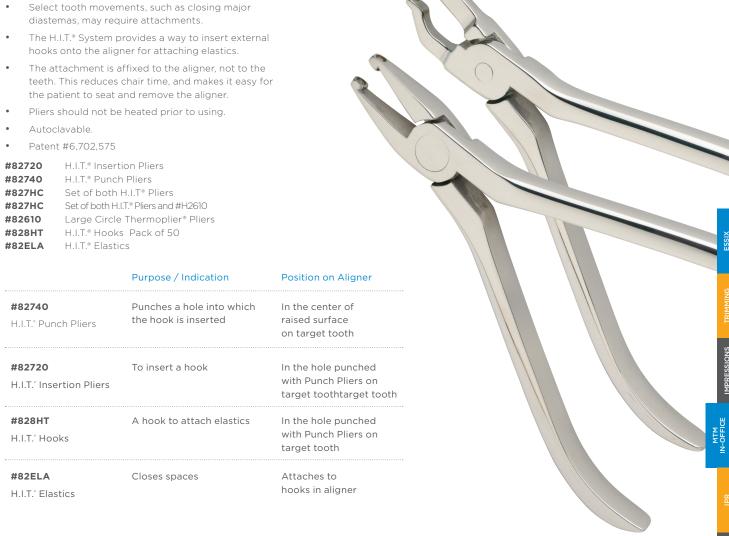
#8253B Maxillary and Mandibular Plier Set

		Purpose / Indication	Position on Aligne	er
	#82510 O 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 © White Thermoplier' Maxillary Tooth Moving Pliers	Tip or rotate larger teeth	Center of the target tooth	VOV
169	#82530 O Blue Thermoplier' Mandibular Tooth Moving Pliers	Tip or rotate smaller teeth	Center of the target tooth	VOY
505	#82560 • 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	10
	#82630 O Purple Thermoplier* Mesial-Distal Pliers	Lateral movement of both posterior and anterior teeth; Allow contact close to incisal edge	Appropriate interproximal areas	
	#82610 O 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	() S
	#82620 • Pink Thermoplier* Small Circle Pliers	Increase the size (depth) of small existing force point	Location of the existing force point	
To per	#82540 O Black Thermoplier* Bite Plane Pliers	Make bite plane aligners without acrylic	On the resulting mark from articulating paper	
	#82590 O 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

- diastemas, may require attachments.
- teeth. This reduces chair time, and makes it easy for
- Autoclavable.

#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 #828HT H.I.T.® Hooks Pack of 50 #82ELA





• Bonds with acrylic resin or other bonding agent tomost 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

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



Interproximal Reduction





Power up your IPR

SpaceFile® Contra-Angle Handpiece

- Use with ALL SpaceFile® Files
- Compact design makes reaching posterior regions easy
- Use with most standard slow-speed air motors and compressed air units such as A-dec, KaVo, W&H, NSK, Midwest-E and E-Stylus
- Reciprocating motion of 1.6mm
- Autoclavable
- One-Year Warranty

#40027ANG Contra-Angle Handpiece **#40026MOT** Air Motor



SpaceFile® Interproximal Reduction Kit

- Precision Swiss-made, diamond-impregnated files accomplish a wide range of tasks including breaking contact, reduction, contouring, fine trimming and finishing.
- Can be used three ways, depending on your personal preference and case requirements.



DIAMOND-IMPREGNATED	DOUBLE- SIDED	SINGLE-SIDE LEFT	D SINGLE-SIDE RIGHT
Assorted Packs Includes (1) of each thickness plus Serrated Contact Point Saw.	#40034	#40034-LS	#40034-R
Assorted Packs include Removable Grip, 8 files and 1 Serrated Contact Point Saw			
THICKNESS			
Polishing	#40035-G	#40035-LS-G	#40035-RS-G
A final step in tooth surface restoration.	0.085mm	0.070mm	0.070mm
Finishing	#40035-P	#40035-LS-P	#40035-RS-P
For finishing prior to final polish.	0.110mm	0.100mm	0.100mm
XX Fine Pre-polish and finish reduced areas.	#40035-W	#40035-LS-W	#40035-RS-W
Also use as initial strip for excessive crowding.	0.140mm	0.123mm	0.123mm
X Fine	#40035-Y	#40035-LS-Y	#40035-RS-Y
Pre-polish stripped areas. Also use as initial strip for crowded cases.	0.160mm	0.138mm	0.138mm
Fine Use to initiate reduction in crowded	#40035-R	#40035-LS-R	#40035-RS-R
cases. Also use to contour after reduction.	0.270mm	0.180mm	0.180mm
Medium Use for reduction with some crowding or when some space exists.	#40035-BL	#40035-LS-BL	#40035-RS-BL
Smaller grain can achieve results before using Coarse strip.	0.330mm	0.210mm	0.210mm
Coarse Primary working strip for IPR.	#40035-GR	#40035-LS-GR	#40035-RS-GF
Also use to trim and contour.	0.370mm	0.235mm	0.235mm
X Coarse Use for maximum reduction	#40035-BLK	#40035-LS- BLK	#40035-RS- BLK
osc for maximum reduction			0.000

Single Type Packs include Removable Grip and 8 files

Serrated Contact Point Saw Use to break contact points on enamel,

composite, amalgam, porcelain or gold.

at start of IPR.

SpaceFile® Removable Grip #40035-GRIP 3-Pack



0.490mm

#40035-CS

0.290mm

0.290mm

A-dec, KaVo, W&H and NSK are not trademarks of Dentsply Sirona.

Colors are for illustration purposes only. Actual color of product may vary.

Flexview® Interproximal Strips

- Optimal visibility
- Gateway area allows easy access for IPR stripping and finishing
- Autoclavable in aluminum tube #53500

#5VN15 Narrow Assorted 15 Strip Pack, 5 ea. grit

#5VW15 Wide Assorted 15 Strip Pack, 5 ea. grit

•2+2-2+2+2+2+2+2+2+2+2+2+2+2+2+2+2+2+2+2	[+2+2+2+2+2+2+2+2+2+2+2+2+2+2+2+2+2+2+2
**************************************	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\

ITFM#	NARROW - 2	.5MM WIDE / 14	18MM LONG	WIDE - 3.75MM WIDE / 148MM LONG			
11 EM#	#5VNM1	#5VNF1	#5VNX1	#5VWM1	#5VWF1	#5VWX1	
SINGLE-SIDED GRIT	Medium 45 micron	Fine 30 micron	Extra-Fine 15 micron	Medium 45 micron	Fine 30 micron	Extra-Fine 15 micron	
THICKNESS	0.13mm	0.10mm	0.08mm	0.13mm	0.10mm	0.08mm	

Diamond Interproximal Strips

- Gateway area allows easy access to contact points
- Stainless steel with electronically bonded diamonds
- Autoclavable in aluminum tube #53500





Qwikstrip™ Interproximal Strips

- Help Prevent Soft Tissue Irritation
- IPR strips allow IPR to be performed in the anterior and posterior of the mouth
- Serrated strip is used to break contact points prior to performing IPR
- Grip handles allow more control, so there is less chance of cutting patients' lips or gums
- Assorted pack includes (2) of each grit. Serrated strips sold separately

QwikStrip is not a trademark of DENTSPLY.

GRIT	EXTRA COARSE 180 micron	COARSE 120-135 micron	MEDIUM 100-120 micron	FINE 45 micron	SUPERFINE 35 micron	SERRATED	ASSORTED
SINGLE-SIDED	#QS-XCB	#QS-CG	#QS-MB	#QS-FR	#QS-SFY	#QS-SW	#QS-ASRT
DOUBLE-SIDED	#QSDS-XCB	#QSDS-CG	#QSDS-MB	#QSDS-FR	#QSDS-SFY	-	#QSDS-ASRT
CURVED SINGLE-SIDED	#QSC-XCB	#QSC-CG	#QSC-MB	#QSC-FR	#QSC-SFY	-	#QSC-ASRT

Autoclavable Aluminum Tube

• Sterilize up to 15 interproximal strips at a time #53500



Serrated Interproximal Strips

- Use to open bonded proximal contact points
- Ultra-thin; made of stainless steel
- Thickness 0.05mm, width 6mm, length 150mm
- Autoclavable in aluminum tube #53500

#53400 10 per pack





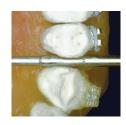
IPR Gauge Set

- Use to measure and confirm space
- Set of six stainless steel gauges
- 0.1mm, 0.2mm, 0.25mm, 0.3mm, 0.4mm, and 0.5mm
- Autoclavable
- Patent #6,413,086

#IPR01



.75 1,0 1,25 1,5 1,75 3,0 2,75 2,5 2,25 2,0



ARS Space Gauge

- Markings at 3mm, 5mm and 7mm along tip of instrument
- Doubles as periodontal pocket measuring instrument
- Excellent for tucking ligature wires
- Autoclavable

#50002



Arch Gauge

- Use during IPR treatment planning to measure the width of teeth & the arch
- Graduated 1mm and 5mm incremental lines
- Disposable, flexible plastic can be cut into sections for many orthodontic uses

#AMD-WH (25) White #AMD-OR (25) Orange





Posterior & Anterior ARS Stripping Burs

- Used for rapid enamel reduction
- Open field is required. Use separators first unless teeth are parallel
- Autoclavable; do not immerse in cold-sterilization solution

Safe- And Standard-Tipped Burs

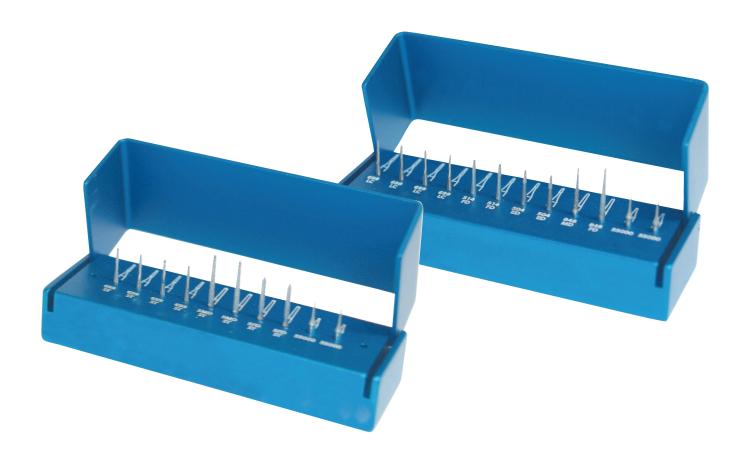
- Diamond coating helps produce a natural finish
- Autoclavable; do not immerse in cold-sterilization solution



FRICTION GRIP	Carbide Str	ipping Burs	Diamond Bur	
PACK OF 5	#699C	#699LC	#55000	
TIP TYPE	Safe	Standard	_	
HEAD SIZE	1.0mm	0.9mm	1.6mm	
HEAD LENGTH	5.9mm	5.2mm	5mm	
MAX SPEED	450,000rpm	<300,000rpm	300,000rpm	



FRICTION GRIP	Sale-I	ippea Finishing	Durs	Standard-ripped Finishing burs				
PACK OF 5	#5MDST	#5FDST	#5EDST	#848MD	#514FD	#504ED	#848FD	
PARTICLE SIZE	Medium	Fine	Extra Fine	Medium	Fine	Extra Fine	Fine	
HEAD SIZE	1.4mm	1.2mm		1.2mm	0.9mm		1.4mm	
HEAD LENGTH	10mm	8mm	10mm	10mm	3n	nm	10mm	
MAX SPEED	<450,000rpm	300,0	00rpm	<450,000rpm	<40,000rpm	<30,000rpm	<40,000rpm	



Standard-Tipped Bur Kit

Includes storage block and 12 burs:

- (2) Anterior Diamond ARS Burs (#55000)
- (4) Posterior ARS Carbide Stripping Burs (#699LC)
- (1) Medium Diamond Finishing Bur (#848MD)
- (2) Fine Diamond Finishing Burs (#514FD)
- (2) Extra-Fine Diamond Finishing Burs (#504ED)
- (1) Extended Head Diamond Finishing Bur (#848FD)

#51200

Safe-Tipped Bur Kit

Includes storage block and 10 burs:

- (2) Anterior ARS Diamond Burs (#55000)
- (4) Posterior ARS Carbide Stripping Burs (#699C)
- (2) Fine Diamond Finishing Burs (#5FDST)
- (2) Medium Diamond Finishing Burs (#5MDST)

#512C

 These easy-to-store kits have the burs needed for ARS – from start to finish. Individual burs may be autoclaved; do not immerse in cold-sterilization solution.



Separator Pliers

- Notched tip prevents separators from slipping
- Adjustable stop screw eliminates "over stretching"

#RSPLI



Loose Radiopaque Separators

• Identifiable by x-ray **#RS100** 1,000 per Bag



Clear Anterior Separators

- Thin for easy insertion
- 10 separators per dispenser;
- 50 dispensers per pack

#CS100





Patient Care







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

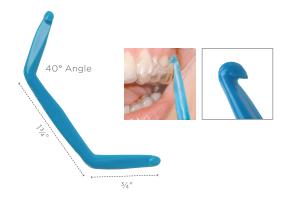
#BWFR25-CH Cherry Scented, Clear



Chewies[™] Aligner Tray Seaters

- Same size (13/8" | 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+



42 1.800.883.8733 | essix.com

43



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

1.800.883.8733 | essix.com

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.

©2018 Dentsply Sirona All Rights Reserved. RTE-192-18 Rev. 02 Issued 12/18 #CATALOG-NP

Raintree Essix

Performance products to support and help grow your business.



Essix® Plastic



Trimming Tools



Models & Impressions



MTM[®] Clear Aligner In-Office



Interproximal Reduction



Patient Care



Essix® Perfomance Plastics **See p. 07**



SpaceFile® Interproximal Reduction Kit and Contra-Angle Handpiece

See p. 32-33



Impressix® Alginates, **See p. 22**



Retainer Brite® Cleaning Tablets **See p. 43**