

BioMers

ASTICS™ Retainer FAQ for Orthodontists

1. What cases can be treated?

The ASTICS wire can be applied to multiple retainer designs. Currently, the most common designs are the soldered Hawley and the Wrap-Around retainer. The ASTICS wire can also be used in Spring retainers where springs are incorporated in the acrylic baseplate. Therefore, according to the condition of the patient's teeth, a suitable retainer design may be prescribed with the understanding that adjustability can only be imparted at the U-loops and not at the labial portion of the wire.

2. What happens if the wire breaks?

If wire breakage occurs, contact the laboratory immediately for a wire change. In the soldered Hawley design, the broken ASTICS wire and the metal connectors will be removed from the soldered joint at the Adam's clasps and replaced.

3. What happens if the wire crazes?

When excessive crazing or whitening of the wire is observed, it should be replaced as described above in question 2.

4. How much adjustability is there in the appliance?

At chair side, the orthodontist is able to effectively adjust the fit of the ASTICS retainer through the U-loops.

5. What should I avoid doing to the appliance?

When adjusting the appliance, refrain from clamping the soldered joint of the metal connector. If adjustment of the height of the labial bow is necessary, do not clamp on the ASTICS wire; instead adjust the height of the wire from the metal connectors.

6. What special advice should I give to patients?

Always remind the patients to remove the appliance by first dislodging the Adam's clasps. Appliance removal should proceed from the back of the mouth to the front. Emphasize the importance of not pulling down on the ASTICS wire during the process of removal.

7. Any precautions needed while cleaning the retainer?

The ASTICS wire should not be brushed. Instead, the wire should be gently wiped down.

8. How long is the appliance expected to last?

The ASTICS retainer is currently undergoing clinical testing to determine the life span of the appliance. However, it has been designed to last as long as a traditional acrylic appliance if proper care is practiced.



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Can You See What I'm Wearing?



The ASTICS™ retainer is NOW AVAILABLE in soldered Hawley, wrap-around and spring retainers. The retainer has been tested in a clinical trial at a major U.S. orthodontic school. U.S. and international patents pending.



theirs



ours...



Smiling Patient with ASTICS

The Choice is Yours.

For more information ask your dental professional today!

BioMers

We Make You Smile



TO ORDER, CALL LEODONT TOLL-FREE ON 0800 5363 668 or ASK YOUR TECHNICIAN ABOUT IT
www.leodont.co.nz



The BioMers ASTICS™ Retainer

BioMers Products, LLC, introduces the translucent ASTICS retainer. This new aesthetic orthodontic retainer maintains the functionality of a traditional retainer, but replaces the metal labial bow with a translucent polymer composite wire. Patented polymer composite fabrication technology allows the production of custom translucent wires with performance equivalent to that of metal wires. The flexible and robust design of the ASTICS allows the formation of soldered-Hawley, wrap-around, and spring retainers.



The ASTICS wire comes uncured, which allows for quick and easy appliance formation. Once the ASTICS wire is formed into the desired shape, it is cured using standard light curing equipment. The ability to retain its shape indefinitely provides the necessary rigidity to function as a retainer wire.

The ASTICS Retainer Kit

The ASTICS comes in a variety of product variations from the simple kit (RT-10) to the comprehensive starter kit (RT-100), which includes all necessary consumables required for appliance fabrication with the exception of sticky wax.



RT-10: ASTICS Retainer Kit
 Contents: 1 ASTICS Wire
 2 Metal Connectors

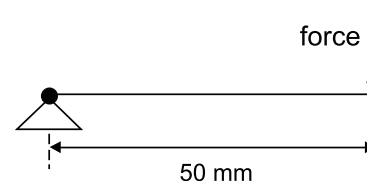


RT-100: ASTICS Retainer Starter Kit
 Contents: 5 ASTICS Wires
 10 Metal Connectors
 1 Tube of Adhesive
 1 Silicon Carbide Paper
 1 Cutter

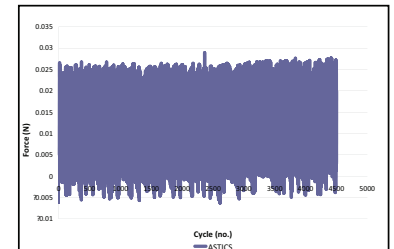


Performance You Can Trust

The ASTICS has undergone extensive testing to ensure uncompromised performance. Bench-top testing includes the cantilever bend test performed singularly and repeatedly. Test results reveal the ASTICS wire exhibits excellent recovery and fatigue resistance.



Cantilever Bend Test



Resilient & Fatigue Resistant

Clinical testing includes a retainer study conducted at the largest orthodontic school in the US. The retention capacity of the ASTICS was measured using the Little index. Retention results have been excellent.



Time: 0 Months

Time: 5 Months