



Suncast® Metal Partial Dentures guarantee maximum strength, biocompatibility and ideal fit.

Choose from either Suncast® Standard or SunCast® Premium alloys.

Simply select your preference, most designs are one price. Provide predictable fee quotations to your patients every time.



#### Benefits of Suncast® Premium

- Purest form of chrome cobalt alloy with no nickel and no beryllium
- Great for patients with metal specific allergies – call our technical team to discuss your individual patient's needs



Virtually Invisible  
and **Unbreakable**  
Monomer - Free  
**Flexible** Partial



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# Unbreakable, lightweight and translucent...

## Practically unnoticeable when worn.

With Sunflex®, you can create metal-free, lightweight flexible partial dentures that provide a natural tissue blend effect, with translucency that picks up the patient's natural tissue tone. This translucency is combined with a simulation of natural blood vessels that readily adapts to a variety of natural tissue shades. In addition to the natural colouration, each Sunflex® Partial is designed to follow the pattern of natural gum formations with thin clasp designs-making the restoration practically unnoticeable when worn.

Sunflex® is a proven partial denture system that can be designed with a lightweight, metal-free base or used in combination with cast metal partial framework for enhanced stability and natural looking aesthetics. With either option, you can be assured you are providing your patients with the finest in partial denture treatment. Thousands of dentists around the world have made the switch to Sunflex® Partials.

### Advantages

- No metal clasps
- Can be rebased and repaired (will require assessment)
- Teeth and clasps can be added later
- Stain and odour resistant if cared for correctly

### Indications

- Ideal for patients who do not want metal clasps
- Perfect for patients allergic to monomer
- Excellent implant temporary partial
- Can be used in combination with metal frameworks for added stability.

### Preparation

No tooth preparation is required, however rest seats are preferred. Take a quality impression using a lightweight alginate or equivalent. Also, provide an accurate and complete counter model and bite for best results.

### Insert Technique

Submerge the Sunflex Partial restoration into very hot (coffee temperature) water for approximately one minute.

When the case cools to a tolerable temperature, gently insert it into the patient's mouth. In case of clasp tightness, the clasp may be loosened by submerging it in hot water again for approximately 1-2 minutes and then removing it and gently bending the clasp while holding it under running cool tap water. The clasp can also be tightened by following the same procedure, but bending the clasp inward.

If the restoration needs further adjustment we recommend using the Sunflex® Tool Kit with your hand piece set on the lowest speed. Applying light pressure, use a fast motion in one direction to slowly reduce the area. Do not grind in one spot. Be sure to keep the points in constant motion (too much pressure may burn or distort the restoration). It is best if adjustments can be made with only the green silicone stone followed by the rubber points.

Usually, repolishing is not necessary for minor adjustments, but if needed, a standard polishing compound will help produce a final lustre. If repolishing is necessary, it can be done with the coarse pumice and brown Tripoli using a soft rag wheel. A high lustre can be restored to the surface using an acrylic polishing compound following the Tripoli application.

If major adjustments are needed, it is recommended that they are performed by your laboratory. Please call us for more information.



Sunflex® Chairside Adjustment Kit

Sunflex® Partials can give you a variety of options when you are considering a removable partial denture for your patient. There are three basic designs when considering Sunflex® Partials:

### Sunflex® Bilateral Partial Denture

The metal free, flexible Sunflex Partial provides a fully functional, yet aesthetically superior removable partial denture.

### Sunflex® Unilateral Partial Denture

The unilateral Sunflex restoration provides you and your patients with an aesthetic, functional design alternative to conventional cross arch partial dentures.

### Sunflex® Combination with Cast Partial Framework Denture

The Sunflex Partial Denture can also be used with cast metal frameworks for natural-appearing aesthetics. The combination of the cast metal framework with Sunflex provides enhanced stability.

### Available in 4 different Shades

