

DURAFLEX™

TECH SHEET

PREMIUM FLEXIBLE PARTIALS

DuraFlex flexible partials offer several unique benefits to both you and your patients, making it our easiest and most durable flexible partial alternative.

With DuraFlex you can create metal-free, lightweight flexible partial dentures that provide a natural tissue blend effect with translucency which picks up the patient's true tissue tone. This translucency is combined with a simulation of blood vessels (veined acrylic) that readily adapts to a variety of natural tissue shades. Each DuraFlex partial is designed to follow the patient's anatomical gum formation with the thin clasp designs, making the restoration practically unnoticeable when worn.

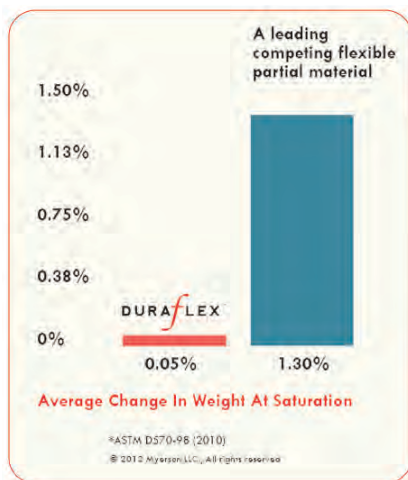
DuraFlex provides a proven partial denture system that can be designed with a lightweight, metal-free base or used in combination with a cast metal partial framework for enhanced stability and lifelike esthetics. With either option, you can be assured that you are providing your patients with the finest in partial denture treatment.

DURAFLEX MATERIAL PROPERTIES

DuraFlex's most distinguishing benefit derives from its material makeup, as it is not a nylon base but rather a polyolefin thermoplastic polymer. This material has been used in the medical field for numerous years because it is inert, durable and resistant to chemical solvents, bases and acids. With a water resorption rate that is ten times lower than nylon, DuraFlex is extremely resistant to stain and odors, making it our most durable and color stable flexible solution. In addition, polyolefins are much easier to adjust and polish, and will not gum up when adjusting.

MOISTURE ABSORPTION TEST

Unlike most other flexible partial materials, DuraFlex absorbs virtually no water when immersed, making it more resistant to stains or odors.



DURAFLEX INDICATIONS

DuraFlex can be used whenever you are considering a removable partial denture for your patient. There are three basic design options when choosing DuraFlex:



DuraFlex Bilateral Partial Denture

The metal-free, flexible DuraFlex partial provides a fully functional yet esthetically superior removable partial denture. Patients who have worn both conventional metal partials and DuraFlex partials report that DuraFlex feels more natural in the mouth due to the thin and lightweight design of the material. Additionally, patients report that DuraFlex gives them more confidence when eating, smiling and appearing in public because of the excellent retention and the thin clasp designs.



DuraFlex Permanent Flipper

The DuraFlex permanent flipper provides you and your patients with an esthetic, functional design alternative to conventional cross-arch partial dentures. The flexible base combined with the thin clasp designs provides maximum retention, stability and esthetic appeal.



Combination DuraFlex with Chrome Cobalt Partial Denture

The DuraFlex partial denture can also be used with chrome cobalt cast metal frameworks for natural-appearing esthetics. The combination of the cast metal framework with the DuraFlex provides enhanced stability because of the metal occlusal rests and the lingual rest seats.

DURAFLEX CAD DIGITAL FLEXIBLE PARTIALS

DAL also offers DuraFlex CAD, a DuraFlex CAD/CAM flexible framework with conventional saddle design. The CAD design provides a precision fit with improved tapered clasp design and the milled frame allows for framework try-in with teeth set in wax.

WHY CHOOSE DURAFLEX FOR YOUR PATIENTS?

- Easy Delivery - simple to adjust and polish if necessary
- Strong and Durable - virtually unbreakable
- Natural Esthetics - translucent shades allow for natural tissue blend
- Patient Comfort - lightweight and thin for minimal obstruction and 'snap fit'
- Hygienic - low water resorption, won't absorb stains and odors

THE DURAFLEX FUNCTIONAL ADVANTAGE

The flexibility of the DuraFlex material allows the design to take full advantage of available undercuts, especially recessed areas of supporting alveolar contours. The clasps and finger extensions pass over high points and protuberances easily, relaxing into the natural undercut to provide retention without pressure at the contact point. Under mastication, the gentle movement of the base creates a slight massaging effect over the natural gum. This produces a stimulation that has been shown to retard the deterioration of natural tissue and bone.

Preparation/Impression: DuraFlex provides a natural, snap-fit for retention. No tooth or tissue preparation is required. Simply send a master cast poured promptly and carefully from an alginate impression along with opposing model and bite registration.

Shade Selection: DuraFlex comes in five shades - tissue tone pink (standard) produced to remain translucent after processing, pink, medium pink, dark pink, and true pink.

Adjustments/Polishing: DuraFlex adjusts more cleanly than nylon thermoplastics so there is no gumming of your instruments. DAL recommends a rubber wheel used lightly for adjustments. Polishing can be accomplished with a 50% course/50% fine pumice using a rag wheel only (no brush wheels). For a high shine, simply use a rag wheel and lightly buff denture (on a slow lathe speed) using Tripoli buffing compound.

Add To/Reline Procedures: All tooth, clasp, or saddle additions/repairs must be completed in the laboratory using DuraFlex thermoplastic. DAL can rebase, reproduce, repair and add teeth to DuraFlex. If a reline is indicated, simply remove all adhesives from the tissue side of the partial and take a rubber base wash impression in a closed mouth position. Then take an alginate pickup impression, pour immediately and send to the laboratory.

Free DuraFlex Patient Education Kit from DAL!

Educate your patients on the many benefits of DuraFlex Partial Dentures with the DAL Patient Education Kit. This kit contains one DuraFlex Demonstration Model and a packet of ten DuraFlex Patient Education Brochures. Simply call us at 1-800-227-4142 to request your free kit.



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