

DuraFlex® & Valplast® Flexible Partial

WHAT ARE DURA FLEX® AND VALPLAST®?

Tissue-friendly and lightweight, DuraFlex and Valplast are metal-free, flexible partials available from DPS. DuraFlex is made of thermoplastic and Valplast is made of resin, making both partials durable and comfortable.

WHEN SHOULD DURA FLEX® AND VALPLAST® BE USED?

DuraFlex and Valplast can be used to create flexible, removable partials and unilateral partials. Both are excellent replacements for patients who are not interested in having metal appliances. They have a more comfortable fit, are lighter in the mouth, and are easier to eat with than traditional metal partials.

CONTRAINDICATIONS:

- Minimal vertical clearance, less than 3mm
- Deep bites where upper anteriors cover lower anteriors
- Poor soft tissue support or few remaining teeth
- Flat ridge
- Immediate applications not recommended



IMPRESSION TECHNIQUE:

One of the many benefits of DuraFlex and Valplast is that little to no tooth preparation is needed. We require a master and opposing model, capturing the vestibular extension, as well as a bite registration.

For a precise fit and minimal adjustments, we highly recommend using alginate impressions. Alginate impression materials record the tissue at rest instead of under load and result in a better fitting flexible partial.

SUGGESTED ADA INSURANCE CODES:

D5225 - Maxillary partial denture - flexible base including any clasps, rests, and teeth

D5226 - Mandibular partial denture - flexible base including any clasps, rests, and teeth



Dental Prosthetic Services

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PREPARATION FOR ADDING A TOOTH:

A pick-up impression technique must be used. It is essential to remove all pastes or adhesives from the tissue surface of the partial before taking the impression.

With the partial in place in the mouth, take an alginate impression. Remove the impression from the mouth with the partial in the impression. Be sure the partial is fully seated in the impression material.

Pour the model promptly. Do not separate the partial from the stone model. Send material to DPS with instructions to add the missing tooth or teeth and retention (if necessary).



PREPARATION FOR A REBASE:

In most cases where an overall reline is needed, the case is processed into a new base. A reline impression is taken under the partial in a closed-mouth condition.

The patient closes his or her mouth gently into occlusion to ensure the correct vertical at final delivery.

Once the impression material has set, an alginate impression is taken and the alginate impression is removed from the mouth with the partial and the reline impression in place.

Carefully examine the partial to assure that it is positioned correctly in the alginate material.

Pour the model promptly. Do not separate the partial from the stone model. Send to DPS with instructions.

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