

Valplast[®] Adjustment Kit

(Item# 206ADJ)

Instructions

Valplast[®] is a proprietary blend of medical-grade nylon material and requires special abrasives for easy adjustments. The Adjustment Kit includes the three abrasive points used for chairside adjustments and laboratory finishing. All adjustments should be made using light pressure and constant motion to avoid overheating the material.

The *Valplast[®] Cross Cut Carbide Bur* (Item# 20234) should be used on a medium speed handpiece for larger trimming areas or reduction. This bur will grind very quickly so caution should be used to avoid over-reduction.

The *Green Mounted Stone #13* (Item# 202G13S-10P) should be used on a medium-low speed handpiece to grind off small amounts of material. This is the main abrasive used for minor adjustment under clasps or the intaglio surface. The Green Stone will leave a smooth surface behind.

The *Green Silicone Polisher* (Item# 20225) should be used on a slow speed handpiece (if needed) to smooth the surface a little more nearly to a high polish after adjustments are completed. If originally polished surfaces of the partial or denture need to be adjusted, the Green Silicone Polisher needs to be used after the Green Stone to shine the surface.

The *Valplast Knife* (Item# 20509) can be used to help remove any material or fibers left behind clasps or intergingival areas. If you require additional Knife Blades, please order using Item# 20510P.

Contact Technical Support at 1-800-843-2861 for assistance with adjustment technique and for patient informational materials.



Cross Cut Carbide Bur



Green Silicone Polisher



Green Mounted Stone #13



Valplast Knife

To reorder, please visit the professional products page at www.valclean.com or call (516) 442-3873.

Valplast® Adjustment Kit

How Can Adjustments be Minimized?

The Adjustment Kit is intended to simplify adjustments to the Valplast® nylon denture base. We offer the following recommendations to minimize the need for adjustments.

Impression Material and Technique:

Flexible retentive areas of the Valplast® appliance will normally engage tissue areas passively. In order to achieve passive contact, a mucostatic impression is required. We recommend alginate impressions with a stock metal perforated or rim-lock tray, poured immediately. Use of alginate impressions will significantly reduce adjustments to relieve tightness.

Note: We have validated exceptional results using intra-oral scanning as a source in place of physical impressions. The pressure-less digital impression yields ideal results and produces adjustment-free insertions in most cases. Contact our Digital Dentistry experts at 1-855-603-1111 for more information about the latest digital techniques for Valplast.

Insertion Technique:

The Valplast® base material is intentionally slightly more flexible at body temperature than at room temperature. Inserting the partial at room temperature (or cooler) will lead to false indicators for adjustment need. To reduce this possibility, immerse the partial in hot tap water for about 30-60 seconds before placing it in the mouth for the first time. Just allow it a few seconds to cool so the patient won't find the temperature irritating. By elevating the temperature of the partial above body temperature, the flexibility will be increased and the patient will provide more accurate feedback about comfort when the appliance is fully seated.

