

CUSTOMIZABLE TRAYS

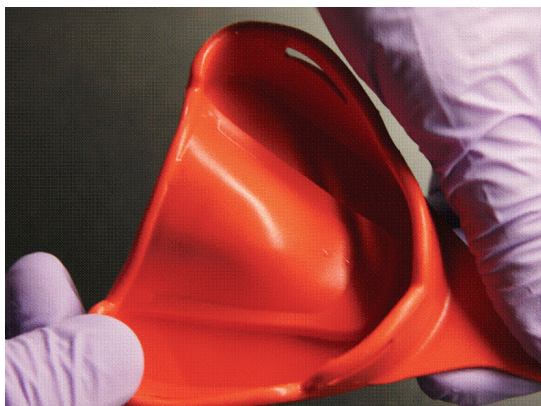
A More Accurate Fit for a More Accurate Impression

HEATWAVE® Customizable Impression Trays from CLINICIAN'S CHOICE® represent a noteworthy evolution in impression trays, by taking truly anatomically designed trays and adding the ability to self-customize chair-side. The result is a precise fit with vertical drive that rivals that of a custom tray (but without the inconvenience and cost involved to make a custom tray) for perfectly precise impressions every time.

Because **HEATWAVE** trays provide a better, more anatomical fit, impression space is limited which means you'll also use less impression material, similar to a custom tray technique. Moreover, this precise fit creates optimal dynamic pressure around the arch during insertion which greatly reduces the risk of impression distortion.

With **HEATWAVE**, the clinician can easily customize the thermoplastic trays by hand after immersing them in water for 60 seconds at 70°C/158°F. The tray can then be shaped by hand and moulded to a patient's particular arch size and contour. After adaptation, the tray will assume its normal rigidity at room temperature or by running under cold water, allowing for a precise impression.

The ability to adapt the tray chairside provides a significant advantage for all full arch impressions, and specifically in cases where exostoses, tori and mal-positioned teeth are present and stock trays cannot seat properly, thereby inhibiting the ability to capture accurate detail. **HEATWAVE** mouldable trays also eliminate the patient discomfort caused when stock trays get caught up on bony anatomical variances.



HEATWAVE Customizable Impression Trays are available in 4 upper (salmon-colored) and 4 lower (yellow-colored) sizes and are designed to accommodate square, round, or gothic shaped arches. The ability to customize the tray limits the sizes needed thereby reducing inventory. A unique caliper measuring system, measures both arch width and angle, allowing for easy selection of the ideal sized tray thus drastically reducing tray selection time.



Upper



Lower



Quadrant



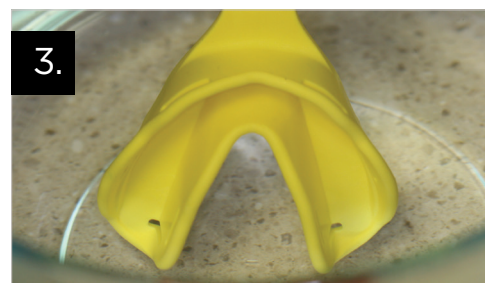
1.

Using the calipers provided, measure the patient's arch width by placing the caliper tabs on the lingual of the 1st molar and 2nd bicuspid.



2.

Place the calipers on the size chart to determine appropriate tray size.



3.

Select the relevant or appropriate tray.



4.

Immerse selected tray in a water bath of 70°C/158°F for 1 minute.



5.

Keep desired form stable for 5 seconds. Check fit in the mouth and repeat the moulding procedure if needed. If fit is achieved, run the tray under cold water for 5 seconds to set form.



6.

The resulting final impression.

Dentistry and photography courtesy of Dr. Brad Carson.



HEATWAVE Customizable Quadrant Impression Trays are a practical addition to the moldable full tray version, presenting a more cost effective, efficient and accurate solution for single crowns, inlays, onlays, and simple implant restorations. Because **HEATWAVE** Quadrant Trays are so adaptable, the need for an extensive size range is eliminated, so the 2 available shapes (one for quadrants 1 and 3, and another for quadrants 2 and 4) will accommodate virtually all single quadrant cases.

Other unique features of these trays include retentive slots to aid in retention of the material within the tray (note that a tray adhesive is still recommended), and an incorporated "cut out" to accommodate the labial frenum attachment. An integrated finger indentation eases tray insertion and allows it to be inserted at the proper angle. Further, the tray's closed distal flange prevents material from dripping and causing patient gagging.