

ACRON™ MC MICROWAVABLE FLASK

The Acron MC Microwavable Flask is constructed of fiber reinforced plastic which allows it to accept the strenuous pressure when packing a denture along with the heat associated while microwave curing.



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New Design Acron MC Microwavable Flask Instructions

1. Insert removable plate into bottom of flask. Make sure plate remains stable while investing.
2. Apply a coating of Vaseline to the inside of the flask and the escape holes.
3. Invest the waxed-up denture in the normal manner into the flask using Coe-Cal (GC Advastone: Europe only) or equivalent Type III Lab Stone. A half and half of plaster and stone is also acceptable. Note: Do not use plaster alone.
4. After the stone has set, place the flask into a 500 - 750 watt microwave oven with a turntable for 1 minute at high temperature to soften the wax.
5. Open the flask using a flat head screwdriver or lab knife. Remove the softened wax. Flush out the remaining wax with boiling water and gently scrub with a mild detergent and brush.
6. While the mold is still warm, but not steaming, apply a generous coating of Coe-Sep (GC Acro-Sep: Europe only) or equivalent tin foil substitute to the mold.
7. Mix the Acron MC powder and liquid. The standard powder/liquid ratio is 9 ml of liquid to 30 cc of powder. Place the appropriate amount of liquid in a mixing jar. Add the Acron MC powder to the liquid and mix gently. Cover the jar and leave it for about 15 minutes. At this point Acron MC reaches the dough stage and is ready to be packed.
8. Remove the acrylic from the jar and pack the flask. Note: Do not knead the acrylic, this will cause dry spots in the acrylic. Use polyethylene sheets between the two halves of the flask and close. After placing the flask under pressure in a press, open the flask, remove excess acrylic and trial pack. Trial packing may be repeated several times until the appropriate amount of acrylic has been packed.

Finally close the flask without the polyethylene sheets. Apply pressure for the last time and insert the bolts and tighten them. The denture is now ready to be cured.
9. Place the flask into the microwave oven and cure on high for 3 minutes. When curing a partial with a metal framework, turn the flask over after 1.5 minutes, then continue to cure for an additional 1.5 minutes. Note: You may place a small cup of water in the microwave to retain the moisture level in the stone.
10. After curing, allow the flask to cool at room temperature for 20 to 30 minutes and then immerse in cold water for complete cooling before deflasking (about 20 minutes).
11. After the denture has cooled begin deflasking. Remove the uppermost section of the flask exposing the stone. With a hard plastic hammer or a wooden mallet, tap on the knock-out plate on the bottom of the flask to release the mold completely from the flask. Then tap the stone to free the middle section from the mold. Proceed to deflask denture using plaster-snips, a plaster knife, etc.
12. Finish and polish in the usual manner.