

# INSTAFLEX™ CONCENTRATE DUPLICATING MATERIAL



## A Premium, All-Purpose Concentrated Duplicating Colloid

This universal duplicating material is ideal for producing both refractory and dental stone models, as well as molds for the fabrication of partial and full dentures (utilizing the fluid resin pouring technique).

1 gallon of Instaflex concentrate duplicating material makes 3 gallons. Just add water.

Color: Red

## Typical Material Properties\*

Melt Temperature	Idle Temperature	Hold Time	Pour Temperature	Color
195 °F (91 °C)	131 °F (55 °C)	20 minutes	136 °F (58 °C)	Red

\*These results are based on the testing methods, frequency and procedures of Ransom & Randolph or its approved suppliers. The levels referenced herein are only for general guidance and do not constitute a firm specification.

## Application Instructions

1. Measure the required amount of Instaflex Concentrate duplicating material and tap water. **It is recommended that the full content of the Instaflex concentrate pail be used at one time.**  
The ratio of Instaflex Concentrate duplicating material to water is:
  - 1 Part Instaflex Concentrate duplicating material : 1.66 Parts Water (by weight)
  - 1 Part Instaflex Concentrate duplicating material : 2 Parts Water (by volume)
2. Using a knife or scoop, cut the Instaflex Concentrate duplicating material into small pieces (approximately 1" cubes) and place into clean duplicating unit.
3. Pour warm tap water into duplicating unit.
4. Start duplicating unit cycle with melt temperature of 195 °F (91 °C) to fully melt the Instaflex Concentrate duplicating material.
5. Hold for 20 minutes.
6. Reduce unit temperature to pouring temperature of 136 °F (58 °C).

## Reuse

To reuse Instaflex Concentrate duplicating material, thoroughly rinse used material under tap water, cut into small pieces (approximately 1" cubes), place into plastic bucket, and seal. When reusing Instaflex duplicating material, there is no need to add water. The water present after rinsing typically is sufficient replacement of any water lost in process.

## Storage

Keep container closed when not in use. Store in a cool dry area.

## Safety

Avoid contact with skin and eyes. See SDS for more information.

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