

## Klarity Green® S-type Masks

### INSTRUCTIONS FOR USE

#### GENERAL INFORMATION

Klarity Thermoplastic Masks are medical devices used to ensure precise positioning and immobilization of patients undergoing radiation therapy treatment.

#### PRODUCT DESCRIPTION

The Klarity Green® thermoplastic material used in these S-type masks has been specially designed to ensure minimal shrinkage and superior fixation. The result is a mask that molds closely to the patient's contours to provide accurate reproducibility and optimal patient comfort. Klarity Green® has less shrinkage and has a non-stick coating. Klarity masks are available in a variety of sizes and perforation patterns. Please consult [www.klaritymedical.com](http://www.klaritymedical.com) for a complete selection.

#### MAINTENANCE AND DISPOSAL

Klarity Green® Thermoplastic Masks must be stored in a dry, clean place at a temperature between 50-95 °F (10-35 °C). Dispose of masks with normal facility waste.

#### INSTRUCTIONS FOR USE

##### Preparation:

1. Preheat oven or water bath to 165°F (73°C).
2. Fit the baseplate to the treatment table and prepare the proper head and neck support.
3. Insert the sleeves into the holes on the frame. Insert pins into the sleeves. Determine where the pins on the frame snap into your baseplate to ensure efficient mask molding.
4. Check that each pin is in the up position.
5. Position the patient on the baseplate.

##### Heating:

6. Heat mask (two methods):
  - Convection Oven Method:*
    - Remove the mask from the sealed plastic pouch.
    - Place the mask on the rack in the oven.

- Heat the mask for 3 to 10 minutes, depending on the oven model (do not exceed 30 minutes).
- The thermoplastic will be translucent when ready.
- Retrieve the mask from the oven.

##### Water Bath Method:

- Remove the mask from the sealed plastic pouch.
- Place the mask in the water bath.
- Heat the mask for 1 to 2 minutes (do not exceed 5 minutes).
- The thermoplastic will be translucent when ready.
- Lift the mask from the bath and shake off the excess water.

##### Molding:

7. Feel the thermoplastic to make sure it is not too hot to come in contact with the patient's skin.
8. Position the mask over the patient's face.
9. Gently and steadily press the thermoplastic down until the outer frame touches the baseplate, with the pins aligned to the holes in the baseplate. For AccuPerf™ masks, align the two small holes on the mask frame to the patient's temples to help locate the reinforced area across the forehead.
10. Press each pin until it clicks into the baseplate.
11. With your fingers, gently mold the thermoplastic to the contours of the patient. With the Klarity Green® masks you can take your time and do not need to rush.
12. Leave the mask on the patient until it cools completely, for at least ten minutes. The thermoplastic will shrink slightly during the cooling process.

##### Removing:

13. Ensure that the mask is rigid and has cooled completely. Removing the mask too soon may result in excess shrinkage and patient discomfort when refitting.
14. Release the pins from the baseplate by pulling them up.
15. Remove the mask from the patient.
16. If desired, treatment portals can be cut into the mask using heavy shears or a cast cutter.

To be used by a qualified medical professional  
IFU-M-001



Keep in a cool and dry environment



EC REP

Lotus NL B.V.  
Koningin Julianaplein 10, le Verd, 2595AA  
The Hague, Netherlands  
T: +31645171879 (English)  
T: +31626669008 (Dutch)

Klarity Medical Products, LLC  
600 Industrial Parkway  
Heath, OH 43056  
T: 740.788.8107 F: 740-788-8109  
info@klaritymedical.com  
www.klaritymedical.com