

## Orfiguard

### High-Precision Face Protection Mask

#### GENERAL PRODUCT INFORMATION

The Orfiguard is designed to provide immediate facial protection during sports activities and following facial injuries, ensuring comprehensive protection for the nose, nose bridge, eye sockets, and surrounding tissues. This mask is ideal for athletes, as it helps prevent new injuries and provides instant support for existing facial injuries. Once applied, athletes can safely and confidently continue playing with the mask, ensuring continued protection.

Additionally, the Orfiguard is effective in protecting the nose, eye sockets, and surrounding tissues following facial surgeries, contributing to enhanced recovery post-surgery.

#### GENERAL PRODUCT DESCRIPTION

The Orfiguard precut is a specially formulated thermoplastic made of Orfit Colors Dominant Black NS 2mm micro-perforated. With its low melting temperature, the Orfiguard precut offers controlled performance characteristics, ensuring ease of use, precise molding, and patient comfort.

#### Orfiguard Pack Contents:

- Thermoplastic Precut:**  
One piece of precut made of Orfit Colors Dominant Black NS 2mm Micro-perforated
- Soft Foam Pieces (Luxofoam):**  
One piece (7cm x 7cm) for nose  
Four pieces (3cm x 4cm) for cheek and forehead
- Headband:**  
Five double-sided loop straps with hook closures  
Back piece with the Orfit logo printed on it
- Instructions For Use**

***Please note that the mask comes in a flat shape which is thermoformable and must be heated and molded to fit the face.***

#### PRODUCT RANGE

Article Number	Description	Color	Size	Thickness (mm)	Perforation Type
35903Z/NS	Orfiguard	Black	212 x 120 x 2 mm	2	Micro Perforated

#### PRECAUTIONS BEFORE USE

- The workplace must be well-ventilated.
- The necessary tools should in no way put the patient at risk.
- Position the patient comfortably and ensure that you are in an easy working position.

#### WORKING TECHNIQUE

## Activating

- Orfiguard precut is activated by heating at a temperature of 65°C (149°F). Possible activation sources are: Suspan water baths, heat gun, heating plate, and hot air oven.

The table below shows all activation and working information for the water bath:

- When using a Suspan water bath, it is recommended to add a drop of liquid soap if you want to reduce the stickiness of the material.
- When activating the thermoplastic material using a dry heater, heating plate, or oven, the hot surface must be covered with a Teflon paper or rubbed with talcum powder before activation. If using the Orfit Dry Heater to activate the material follow the written instructions for Dry Heater.

***Always consult and follow the instructions for the use of the heating device that you are using.***

- Only use the heat gun to heat small areas of the material to make small corrections to the shape of the orthosis, or to attach the hook and loop. The heat gun is NOT meant to be used as a heat source to activate the total length of the thermoplastic material.

## Applying

- Trim the edges of the nose foam with scissors and shape it to fit.
  - Remove the back cover of the foam and stick it on the nose. (the self-adhesive side should stick to the nose)
- Tip:** To remove or reduce the adhesiveness, apply a bit of water to the surface of the foam.



- Take the activated precut out of the water and let the surfaces cool or dry on a towel for a few seconds.  
***Before applying the mask, check the temperature of the mask in order not to burn the patient.***
- Mold the mask around the patient's face and make sure to conform the nose part properly as it is the most important part of the Orfiguard providing rigidity and stability.



- Continue molding until the mask becomes firm. This takes 1 to 2 minutes, depending on the temperature in the room.  
Leave the mask on the patient for another 5 minutes to allow it to harden completely.

### **Finishing**

- Mark the redundant parts that you need to cut off with a pen or marker.



- Remove the mask from the face.
- Remove the nose foam from the mask.



- Trim the redundant parts as marked.



- Smooth out the trimmed edges using a heat gun or by dipping in the 65°C water, if needed.  
***Be careful not to overheat the material as it may lose its shape.***
- Stick the foam pieces inside the molded mask.



- Apply the 5 connection straps to the mask.



- Place the mask with straps attached to the face.
- Place the back piece of the headband with the Orfit logo on the back of the head and attach the straps to the back piece.



- Ensure that the mask, straps, and back piece fit the face snugly but not too tightly. Then, cut off any excess strap material.

## MAINTENANCE

The material can be cleaned with lukewarm water and liquid soap, biological detergent, or toothpaste. Rinse well and dry thoroughly. Alternatively, pre-moistened isopropyl alcohol wipes can be used.

***If you are not sure about the cleaning fluid, do not use it.***

***Never use solvents and avoid abrasive detergents.***

***Do not put the entire orthosis into the hot water as this might cause the loss the shape.***

***Leaving NS-coated products in a disinfecting solution for a prolonged period may affect the coating.***

Sterilization of Orfiguard in an autoclave is impossible.

Disinfection is possible with alcohol, quaternary ammonium, or a solution of commercial disinfection soaps (HAC®, Sterili-um®, etc.).

## WASTE MANAGEMENT

After use, an orthosis can be disposed of with normal household waste without harming the environment.

## INSTRUCTIONS FOR PATIENT

***Provide the patient with sufficient and clear information on how to use the orthosis, wearing schedule, maintenance, and the possible constraints of the orthosis. Ensure that the patient fully understands the appropriate steps to take if adjustments are needed.***

## STORAGE

- It is advised to store the product in a dark, cool, dry place in the original packaging at temperatures of min. 10°C (50°F) and max. 30°C (86°F).
- Once removed from the packaging, the leftovers should be repackaged to avoid biodegradation.
- Do not lose the labels. They are crucial for product traceability.
- Our products have a limited shelf life and can only be kept for a certain period. they must be protected as much as possible from light, heat, and humidity to prevent aging.

## GENERAL SAFETY ADVICE

- ***This product is not suitable for internal use. It may not be used on open wounds or in the mouth.***
- ***orthoses and rehabilitation aids made out of Orfit thermoplastics can only be made by qualified health professionals.***
- ***In the event of a serious incident that is related to the use of this product, you must report this to the distributor in your country. Please consult our website to find your distributor.***

## ADDITIONAL INFORMATION

For additional information such as distributor contact information, product brochures, Safety Data Sheets, and regulatory information, please visit our website [www.orfit.com](http://www.orfit.com).



**Note:**

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