






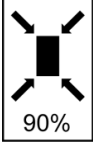

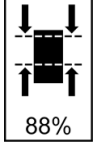

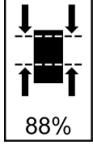


HIGH PRECISION HEAD SUPPORTS

Models	Pictures	Dimensions
<p>Model 1 with lateral neck flaps</p> <p>Article No. : 32470</p>		 100%
<p>Model 2 without lateral neck flaps</p> <p>Article No. : 32471</p>		 100%
<p>Model 3 (age: 6-12 years) with lateral neck flaps</p> <p>Article No. : 32472</p>		 90%
<p>Model 4 (age: 6-12 years) without lateral neck flaps</p> <p>Article No. : 32473</p>		 90%
<p>Model 5 with lateral neck flaps</p> <p>Article No. : 32474</p>		 88%
<p>Model 6 without lateral neck flaps</p> <p>Article No. : 32475</p>		 88%
<p>Article No. : 32476</p>	Set of Model 1, 2, 3, 4, 5 and 6	
<p>Article No. : 32477</p>	Set of 3 head supports with lateral neck flaps (Article Nos. 32470, 32472, 32474)	
<p>Article No. : 32478</p>	Set of 3 head supports without lateral neck flaps (Article Nos. 32471, 32473, 32475)	

A. GENERAL PRODUCT INFORMATION

The products referred to in these instructions are medical devices, used for patient positioning and immobilisation in radiation therapy. These low density head supports can be used during both the simulation and the treatment stage, including MRI simulation.

To attain an optimal result, it is recommended to use this product in combination with Orfit immobilisation products.

B. PRODUCT DESCRIPTION

The High Precision Head Supports are used in combination with all Orfit Base Plates, Thermoplastic masks, cushions and other hardware from the High Precision and the AIO Solution® product range. Together with these parts they form a reproducible patient positioning and immobilisation device in the field of radiotherapy. The head supports offer, together with the blocks & wedges, the opportunity to position the patient's head in a stable and reproducible way. Information on these other parts and instructions on how to make the masks can be found in the respective 'instructions for use' and on www.orfit.com.

C. PRECAUTIONS FOR USE

Always use these devices in combination with Orfit High Precision or AIO Solution base plates. The head supports can be positioned on the base plates or blocks & wedges by means of positioning knobs on the bottom of the head support. Always verify that the head supports are correctly positioned on the base plates, blocks & wedges or other cushions.

The head supports used on the treatment machines are often used more frequently than those on the simulators and during the imaging stages. Therefore we recommend rotating the head supports between the different machines on a regular basis to avoid differences in wear and tear.

Do not expose the head supports to a hot air blower and make sure that no sharp objects can come into contact with the cushions.

Using tape or applying marks with ink or other substances on the head supports are at your own risk.

The head supports are made entirely of electrically non-conductive, non-metallic and non-magnetic materials and are labeled as MR safe.



D. STORAGE

Always store the products in a safe place to prevent them from getting damaged. Do not put heavy objects on the head supports and prevent hard objects from falling onto it, because these will cause permanent damage or deformations.

Avoid pressure points on the head supports during storage as these can cause imprints in the cushions.

Store the devices between +10°C (50°F) and 40°C (104°F).

E. PROPERTIES

E.1. Physical Properties

The following physical properties apply to these devices:

Dimensions:	L 230 - 257 mm
	W 108 - 120 mm
	H 82 - 92 mm
Weight:	0,50 - 0,67 kg

E.2. Mechanical Properties

The head supports are made of a low density foam that is covered with a coating. This combination results in stable cushions that keep its dimensions overtime and under conditions of frequent use.

E.3 Dosimetric Properties

These head supports are made of regular density foam that has the following dosimetric properties **per cm of material** through which the beam passes:

Attenuation (± 0.15 %)		Skin build-up (± 0.1 mm)	
6 MV	15 MV	6 MV	15 MV
1,19 %	0,78 %	3,62 mm	3,45 mm

Note: Use these numbers as a guidance only. Perform the measurements again in your department to verify these results.

F. MAINTENANCE AND WASTE MANAGEMENT

These products can be cleaned and disinfected by means of an isopropanol based disinfectant, applied with a soft cloth. If unsure about the cleaning fluid, do not use. **Never use aerosol sprays, corrosive cleaning agents, solvents or abrasive detergents. Do not soak the cushions.** Further cleaning instructions can be found in the [Orfit Cleaning Guidelines](#). The head supports are made of a closed-cell foam and will not absorb any cleaning agents.

Periodic checks of the product should be done to insure the parts are not worn and require repair or replacement. **Do not attempt to make repairs yourself.** Contact your distributor if there are any questions or concerns.

The products can be disposed of with household waste.

G. 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.

Note:

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ORFIT INDUSTRIES
Vosveld 9A | B-2110 Wijnegem | Belgium
T (+32) (0)3 326 20 26
welcome@orfit.com

www.orfit.com



Ref. No. 50322
VERSION 1
LAST UPDATE: 07/05/2026
REVISION DATE: 07/05/2028