






RAYCAST® HIGH PRECISION ACCESSORIES MRI COMPATIBLE BLOCKS AND WEDGES - LOW DENSITY

<p>20 mm block</p> <p>Article No. : 35703/MR</p>	
<p>40 mm block</p> <p>Article No. : 35706/MR</p>	
<p>9° wedge</p> <p>Article No. : 35704/MR</p>	
<p>13.5° wedge</p> <p>Article No. : 32424/MR</p>	
<p>18° wedge</p> <p>Article No. : 35707/MR</p>	
<p>Article No. : 32700/MR</p>	<p>Set of all the above (except the 13.5° wedge # 32424/MR)</p>
<p>Article No. : 32709/MR</p>	<p>Set of all the above (except the 18° wedge # 35707/MR)</p>
<p>Article No. : 32712/MR</p>	<p>Complete set of all the above</p>

A. GENERAL PRODUCT INFORMATION

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

This product may only be used in combination with immobilization masks produced by Orfit. Orfit prohibits the use of unauthorized third-party products in conjunction with its own products.

B. PRODUCT DESCRIPTION

These BLOCKS & WEDGES are a part of the RAYCAST HP Head and Neck Solution and of the "AIO SOLUTION SETS". They are used in combination with HP HEAD SUPPORTS, BASE PLATES and the EFFICAST PRE-CUTS to form a reproducible patient positioning and immobilisation device in the field of radiotherapy. In combination with the HP Head Supports, the blocks and the wedges offer a solution to position the patient's head at various heights and with a range of extension or flexion angles. 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 the other HP and AIO SOLUTION components on one of the base plates. The different parts of this set can be stacked and fit perfectly into one another thanks to the combination of complementary holes and positioning knobs. Always verify that the devices are positioned correctly on the other cushions and parts.

The GFL blocks & wedges are constructed to be light in weight and to have superb dosimetric properties. When handled roughly, they may get damaged and fibres may come off. When this happens, stop using the blocks & wedges to prevent fibres from getting in contact with the patient's or user's skin. Contact your distributor.

Part may no longer be used when damages have occurred on the surface (delamination of coating) or structural material.

D. STORAGE

Always store the products in a safe place to prevent them from getting damaged. Do not put heavy objects on the devices and prevent hard objects from falling onto it, because these will cause permanent damage. Do not expose the product to strong light sources (sun, lamps etc.)

Store the devices between +10°C (50°F) and 40°C (122°F).

E. PROPERTIES

E.1. Basic Physical Properties

The following physical properties apply to these devices:

Dimensions: L 250 mm x W 120 mm x H 25 mm to 88 mm
Weight: 0,11 kg to 0,19 kg

E.2. Material Properties

These devices are made of a Fibreglass laminate and should be handled with care.

These products are made entirely of electrically non-conductive, non-metallic and non-magnetic materials and are MRI safe.



E.3. Dosimetric Properties

Attenuation (± 0.15%)		Skin build-up (± 0.1 mm)
6 MV	15 MV	mm H ₂ O equiv.
1.51 %	0.95 %	3.76

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

F. ADDITIONAL INFORMATION

These products can be cleaned and disinfected by means of soapy water or 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.

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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