Superflab

Bolus Material for External Beam Radiation Therapy

Superflab

Designed to provide dose build-up for photon and electron energies.

Superflab is exceptionally elastic, conforming to patient contours, while maintaining uniform thickness.

Optimal Dose Build-Up for Radiation Therapy

Superflab increases the targeted radiation dose during photon and electron treatment by providing scattering of the beam and build-up of the radiation dose at the skin surface. The material was designed to conform completely to a variety of uneven surface geometries, eliminating air gaps and further dose absorption.

Proven Clinical Utility

The dosimetric properties of the Superflab bolus material have been tested superior to polystyrene, the previous gold standard in bolus material, when using both photon and electron beams energies. The specific gravity of Superflab is very similar to that of water at 1.02, approximating tissue equivalence closer than polysteyrene, resulting in broad clinical acceptance. Therefore, Superflab found wide acceptance in radiotherapy clinics worldwide.

Advanced Material Elasticity

Superflab is made of a proprietary synthetic gel, resulting in a molded material that does not suffer inelastic strain from normal stresses. Consequently, Superflab does not have to be bagged or wrapped in plastic film to maintain its shape during treatment.

Choice of Different Sizes and Thicknesses

To support dose build-up for varying surface contours and target volumes, Superflab is offered in numerous sizes and thickness starting with 30 cm x 30 cm x 0.2 cm up to 50 cm x 120 cm x 2.0 cm.

Eckert & Ziegler

Mick Radio-Nuclear Instruments, Inc.

An Eckert & Ziegler BEBIG Company

Superflab

Standard Sizes and Thicknesses

Catalog # (MRNI)	Thickness (cm)	Size (cm)
8117-0.2	0.2	30 x 30
8117-0.3	0.3	30 x 30
8117-0.5	0.5	30 x 30
8117-1.0	1.0	30 x 30
8117-1.5	1.5	30 x 30
8117-2.0	2.0	30 x 30
8117-2.5	2.5	30 x 30
8117-3.0	3.0	30 x 30
8117-4.0	4.0	30 x 30

Extra Large Sizes

Catalog # (MRNI)	Thickness (cm)	Size (cm)
8117-0.3-4040	0.3	40 x 40
8117-0.5-3060	0.5	30 x 60
8117-0.5-4040	0.5	40 x 40
8117-0.5-4060	0.5	40 x 60
8117-0.5-5090	0.5	50 x 90
8117-0.5-50100	0.5	50 x 100
8117-0.5-50120	0.5	50 x 120
8117-1.0-3060	1.0	30 x 60
8117-1.0-4040	1.0	40 x 40
8117-1.0-4060	1.0	40 x 60
8117-1.0-40100	1.0	40 x 100
8117-1.0-50120	1.0	50 x 120
8117-2.0-4040	2.0	40 x 40
8117-2.0-50120	2.0	50 x 120
8117-3.0-4040	3.0	40 x 40
8117-4.0-4040	4.0	40 x 40

Custom sizes and cuts available; Additional cost and lead times will apply.

Federal (USA) law restricts the sale of this device by or on order of a physician. For a complete listing of all indications, contraindications, precautions and warnings, please refer to the Instructions for Use which accompany each product.
The mentioned products are not available in all markets. Please contact your local Eckert & Ziegler BEBIG representative for more information.

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