



Expect Service

Radiation Products Design Inc

INSTRUCTIONS

RPD INFORMATION

Address	5218 Barthel Industrial Drive Albertville, MN 55301
Website	www.rpdinc.com
Email	sales@rpdinc.com
Phone	763-497-2071 or 800-497-2071
Fax	763-497-2295

RPD PRODUCT INFORMATION

Item Number	Description
486-302	Superflab Bolus, 0.2cm x 30cm sq
486-303	Superflab Bolus, 0.3cm x 30cm sq
486-305	Superflab Bolus, 0.5cm x 30cm sq
486-310	Superflab Bolus, 1.0cm x 30cm sq
486-315	Superflab Bolus, 1.5cm x 30cm sq
486-320	Superflab Bolus, 2.0cm x 30cm sq
486-325	Superflab Bolus, 2.5cm x 30cm sq
486-330	Superflab Bolus, 3.0cm x 30cm sq
486-340	Superflab Bolus, 4.0cm x 30cm sq

FEATURES

- For maximum dose build-up to skin
- Conforms well to Patient's contour
- Very Elastic and quite "FLABBY"
- Maintains uniformity to thickness
- Skinless
- Semi-transparent
- Made of Synthetic oil gel
- Will not dry out
- Specific Gravity: 1.02
- Can be washed with soap and water
- Can be cut with scissors
- Approved for human contact

DESCRIPTION

Superflab Bolus Material is offered in thicknesses which provide maximum dose build-up for relevant photon energies. Since the material does not suffer inelastic strain from normal stresses, it does not have to be bagged or wrapped in plastic film to maintain its shape.

At the option of the user, however, Superflab may be wrapped in disposable plastic film for cleanliness and use; or it may be washed with soap and water as needed followed by an application of talcum powder or cornstarch.

Superflab sheets are elastic and quite "flabby". It does conform nicely to patient's contour while maintaining good uniformity to thickness.

CHARACTERISTICS

The dosimetric properties of Superflab Bolus Material were determined by comparison with polystyrene of various thicknesses, using both photon and electron beams of various energies. Subsequently it was compared with water and was found to be closer to simulation of water than in polystyrene.

Since the vinyl gel has both an electron build-up characteristic and a density closer to that of water than polystyrene (long accepted as standard) it is anticipated that this flexible tissue substitute will find wide acceptance in radiotherapy clinics.

STORING SUPERFLAB

Because Superflab is an oil gel, it is saturated with synthetic oil which can "corrode" plastic surfaces, particularly vinyl surfaces such as those used in modern "wood-finish" cabinetry and shelving. Ordinary Formica-type countertops are unaffected. Paper will become stained with the synthetic oil.

Superflab should be stored flat not folded, on a flat surface; it can be stored on wood, Masonite™, glass, metal or Formica™. Storage on Lucite is acceptable, but there is a slight attack on the Lucite surface.

**Special sizes and shapes are available upon request.
Additional tooling charges will apply.**

End of Document