

NovoSorb™ BTM

A unique synthetic biodegradable dermal scaffold

NovoSorb™ BTM (Biodegradable Temporizing Matrix) is a unique synthetic dermal scaffold that helps optimize the environment for enabling generation of new dermis and wound healing.

No Proteins. Biodegradable.

NovoSorb™ BTM is a biodegradable dermal scaffold developed for the treatment of full-thickness wounds where the dermal structure has been lost to trauma or surgical debridement. Unlike some biologics NovoSorb™ BTM does not contain any sensitizing proteins. It is designed to reduce shrinking and contraction of the wound and scar formation.

Comprising of wound-facing biodegradable foam (NovoSorb™) bonded to a non-biodegradable transparent sealing membrane, the matrix can be applied on surgically debrided wounds and is designed to deliver a more aesthetic outcome than currently achieved by immediate split thickness skin grafting.

Composition

The BTM Wound Dressing is composed of three layers

Foam

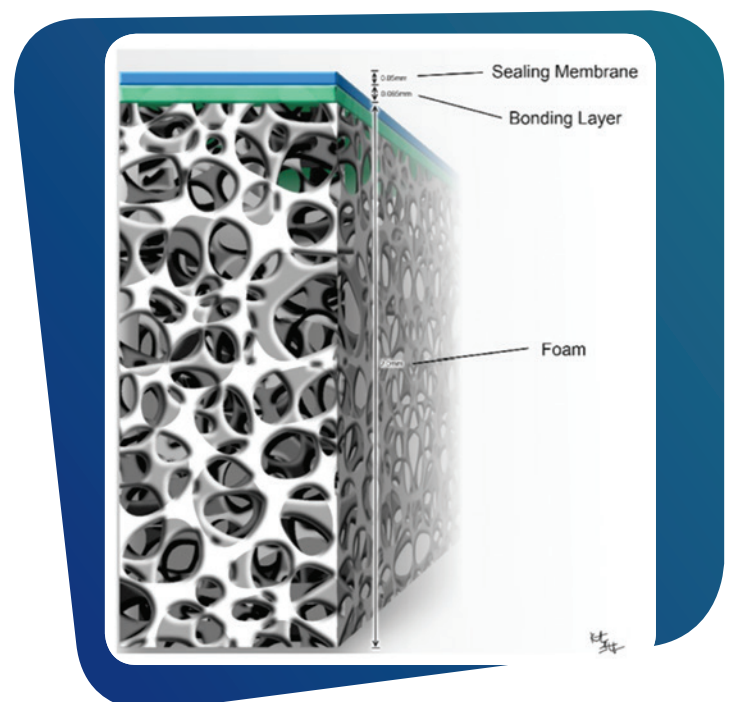
A wound-facing, 2mm thick, white, open cell foam with a high degree of porosity (>90%) designed to subsequently biodegrade. The foam is a biocompatible, biodegradable polyurethane material.

Bonding layer

A polyurethane adhesive layer which bonds the Foam and Sealing Membrane together.

Sealing Membrane

A temporary, transparent polyurethane membrane designed to physiologically close the wound and limit evaporative water loss. The sealing membrane is designed to remain attached to the dermal foam, if required, for at least 30 days in vivo.



NovoSorb™ BTM synthetic biodegradable dermal scaffold: A new concept in Dermal Matrix that challenges the use of biological based materials.

BTM comes sterilized in a multilayer packaging. A cardboard envelope contains a white aluminized peel-able pouch which encloses a sterile transparent peel-able pouch containing the BTM. Labels are affixed to the white aluminized pouch and the outer cardboard envelope, and carry details such as date of manufacture, product batch number and expiration date. This product has a shelf life of three years. Sterilization: Gamma irradiation.

Information on how to order

Catalogue number	Description	Pack sizes
PS-004-01	BTM Wound Dressing – 10cm x 10cm	1
PS-004-05	BTM Wound Dressing – 10cm x 10cm	5
PS-004-25	BTM Wound Dressing – 10cm x 10cm	25
PS-005-01	BTM Wound Dressing – 10cm x 20cm	1
PS-005-05	BTM Wound Dressing – 10cm x 20cm	5
PS-005-25	BTM Wound Dressing – 10cm x 20cm	25
PS-007-01	BTM Wound Dressing – 20cm x 40cm	1
PS-007-05	BTM Wound Dressing – 20cm x 40cm	5
PS-007-25	BTM Wound Dressing – 20cm x 40cm	25

Overview of company

PolyNovo is the developer of unique, patented, biodegradable polymers for use in medical devices. Our vision is to provide unique and innovative regenerative products for burns, surgical wounds, hernia repair, trauma, orthopaedics and reconstructive surgery.

BTM (Biodegradable Temporizing Matrix) is our first commercial product on the market.

The BTM is a novel synthetic biodegradable dermal scaffold. This is now available for sale in the United States with indications for use in Surgical Wounds such as: trauma, wide excisions, scar revision, deep dermal burn, pressure injuries, VLU and DFU.

The BTM has US FDA 510(k) clearance and is currently progressing through CE Mark trials.



4023 Kennett Pike
Suite 55169
Wilmington, DE 19807
EIN: 81-3837960
F: 844 774 0503
polynovo.com

BTM is manufactured by
PolyNovo Biomaterials Pty Ltd
2/320 Lorimer Street
Port Melbourne VIC 3207
Australia

NovoSorb is a register Trade Mark
of PolyNovo Biomaterials Pty Ltd.

