

TheraBond® 3D

Antimicrobial Barrier Systems

THE NEW DIMENSION IN ADVANCED WOUND CARE

With its one piece construction and unique struts between the contact and outer layers, TheraBond 3D, enables efficient transfer of fluid and exudates away from the wound into an inexpensive outer dressing, while providing unsurpassed antimicrobial protection.

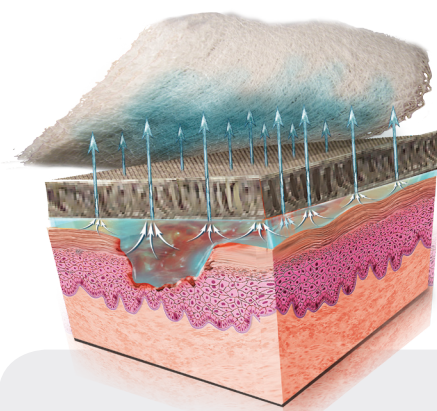
- Kills pathogens in 15 minutes.
- Provides effective barrier to pathogens for 14 days.
- 3D technology for efficient transfer of fluid and exudate away from the wound.
- Soft conformable material adapts to anatomic contours
- Does not sting or stain.
- Ideal for:
 - Venous leg ulcers treated with compression
 - Diabetic foot ulcers treated with total contact casting
 - Wounds being prepared for grafting
 - Open wounds with moderate to heavy exudate
 - Contact layer on wounds being treated with NPWT
 - Antimicrobial barrier for surgical sites



Choice Therapeutics®

Leading Edge 3D Material Makes the Difference in Advanced Wound Care

TheraBond 3D looks different, feels different and is different from previous generation dressings used in advanced wound care. While offering rapid, sustained antimicrobial activity for 14 days, TheraBond 3D transports fluid and exudate away from the wound into an absorbent outer layer, for an optimal, moist healing environment.



TheraBond 3D's unmatched advantages can mean:

- Minimized maceration
- A moist healing environment
- Fewer dressing changes
- Significantly reduced clinician time

Active Fluid and Exudate Management

TheraBond 3D is a single piece dressing designed with struts within the fabric that act as capillaries, moving excess fluid and exudate away from the wound to an inexpensive, outer absorbent layer. This creates an optimal, moist healing environment while minimizing the number of dressing changes, reducing patient discomfort and freeing up valuable clinician time.

Exceptional Comfort and Conformability

The soft TheraBond 3D material conforms to the patient's anatomy and conforms to the wound.

No Stinging or Staining

Due to controlled release of ionic silver, TheraBond 3D does not sting or stain upon application.

Optimal Ionic Silver Release Makes the Difference in Antimicrobial Protection

Based on a proprietary and patented manufacturing process, silver is bonded to the entire surface of the nylon fibers. When TheraBond 3D is placed on the wound, bioactive, ionic silver is released at a controlled rate in therapeutic levels.

- Kills pathogens on contact.*
- Achieves a 4 log₁₀ (99.99%) reduction in colony forming units of a broad range of pathogens in 15 minutes.*
- Shown to provide an effective barrier to pathogens for 14 days.*

PATHOGEN REDUCTION LOG₁₀ (X)

Test Organism	24 Hours
S. aureus	>5.11
MRSA	>5.22
VRE	>5.43
P.aeruginosa	>5.03
E. coli	4.82
Aspergillus brasiliensis	4.80
Candida albicans	5.11

14 DAY BARRIER STUDY

Test Organism	Inoculum Concentration (CFU's/mL)	Results
S. aureus	2.44 x 10 ⁵	No Growth
MRSA	2.19 x 10 ⁵	No Growth
VRE	1.51 x 10 ⁵	No Growth
P.aeruginosa	1.01 x 10 ⁵	No Growth
E. coli	1.04 x 10 ⁵	No Growth
Aspergillus brasiliensis	2.55 x 10 ⁵	No Growth
Candida albicans	2.40 x 10 ⁵	No Growth

TheraBond 3D Meets the Challenges of Advanced Wound Care

Application	TheraBond 3D Advantage
Venous leg ulcers treated with compression	Transfers exudate away from wound into absorbent layers of the dressing. Minimizes maceration which facilitates healing & minimizes risk of interruption of therapy.
Diabetic foot ulcer treated with a total contact cast	Transfers exudate away from the ulcer into an absorbent layer under the cast. Minimizes maceration which facilitates healing & minimizes risk of interruption of therapy.
Wounds being prepared for grafting	Controls bioburden & maintains a moist healing environment to facilitate the formation of an optimal granulation bed for grafting.
Open wounds with moderate to heavy exudate: tunneling, trauma & open surgical wounds	Provides antimicrobial activity for 14 days to control bioburden. 3D fabric transfers exudate out of wound bed into inexpensive absorbent dressing. Only the absorbent dressing needs to be changed which promotes, patient comfort & minimizes cost.
Antimicrobial contact layer on wound treated with Negative Pressure Wound Therapy (NPWT)	Due to excellent fluid management capabilities, doesn't interfere with the transfer of fluid away from the wound. Potentially reduces # of dressing changes & cost.
Antimicrobial barrier for surgical sites	Proven antimicrobial barrier. Comfortable dressing is an excellent addition to the protocol for the prevention of SSIs.

* Data on file at Choice Therapeutics

Ordering Information

The TheraBond 3D product line includes our advanced wraps, contact, and island dressings. All are designed for the unique needs of advanced wound care.



TheraBond 3D Antimicrobial Contact Systems

Catalog No.	Size (Inches)	Size (cm)	Units / box
3DAC-13	1.5 x 3	3.5 x 7.5	10
3DAC-16	1.5 x 6	3.5 x 15	5
3DAC-110	1.5 x 10	3.5 x 25	5
3DAC-114	1.5 x 14	3.5 x 35	5
3DAC-44	4.25 x 4.25	10.5 x 10.5	10
3DAC-48	4 x 8	10 x 20	5
3DAC-816	8 x 16	20 x 40.5	2
3DAC-1616	16 x 16	40.5 x 40.5	2
3DAC-2424	24 x 24	61 x 61	2



TheraBond 3D Antimicrobial Island Systems

Catalog No.	Size (Inches)	Size (cm)	Silver Nylon Pad	Size (cm)	Units per box
3DAI-22	2 x 2	5 x 5	1.25 x 1.25	3 x 3	10
3DAI-45	4 x 5	10 x 12.5	1.5 x 2.5	3.5 x 6	5
3DAI-46	4 x 6	10 x 15	1.5 x 4	3.5 x 10	5
3DAI-48	4 x 8	10 x 20	1.5 x 6	3.5 x 15	5
3DAI-410	4 x 10	10 x 25	1.5 x 8	3.5 x 20	5
3DAI-412	4 x 12	10 x 30	1.5 x 10	3.5 x 25	5
3DAI-414	4 x 14	10 x 35	1.5 x 12	3.5 x 30	5



TheraBond 3D Antimicrobial Island Systems - XS

Catalog No.	Size (Inches)	Size (cm)	Silver Nylon Pad	Size (cm)	Units per box
3DAIXS-410	4 x 10	10 x 25	1.5 X 8	3.5 x 20	5
3DAIXS-412	4 x 12	10 x 30	1.5 X 10	3.5 x 25	5
3DAIXS-414	4 x 14	10 x 35	1.5 X 12	3.5 x 35	5

TheraBond 3D Antimicrobial Wrap Systems

Catalog No.	Size (Inches)	Size (cm)	Units / box
3DAW-472	4 x 72	10 x 183	2
3DAW-696	6 x 96	15 x 244	2
3DAW-248	2 x 48	5 x 122	2



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**For a new dimension in Advanced Wound Care...
think TheraBond 3D!**

For more information or to reach your sales representative contact us at: 888-243-0003 or info@choicetherapeutics.com