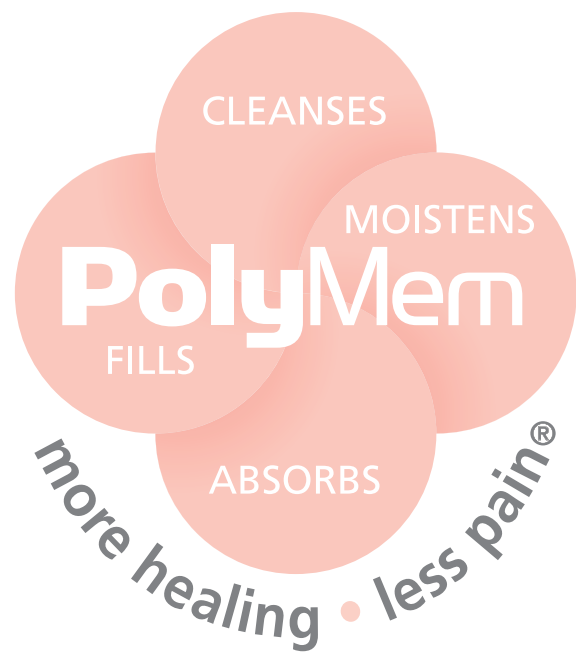


# PolyMem®

## The Proven Multifunctional Dressing





PolyMem® belongs to an innovative class of multifunctional wound care dressings. PolyMem dressings effectively cleanse, fill, absorb and moisten wounds throughout the healing continuum. No other single wound dressing combines these four key wound-healing capabilities like PolyMem.

### **PolyMem:**

**CLEANSES** Contains a mild tissue-friendly cleanser activated by moisture, that is gradually released into the wound bed. Built-in cleansing capabilities reduce the need to cleanse wounds during dressing changes, so you can avoid disrupting the growth of healthy tissue as the wound heals.

**FILLS** Gently expands to fill and conform to the wound.

**ABSORBS** Wicks away up to 10 times its weight in exudate.

**MOISTENS** Keeps the wound bed moist and soothes traumatized tissues, reducing wound pain and providing comfort at the wound site. The moisturizer also helps keep the dressing pad from adhering to the wound. Therefore it removes with virtually no pain, improving the caregiver-patient interaction and overall care experience.

Built right into a PolyMem dressing, these four capabilities are ready when you need them—without incurring extra costs or needing additional supplies.

For example, the absorption capability activates only if the material detects exudate. PolyMem adjusts to the wound type to provide the dressing function needed.

With PolyMem dressings, you no longer need to rely on multiple wound care products. PolyMem has everything you need in one easy-to-use dressing.

### **PolyMem can effectively replace most common dressings**

- Polyurethane or silicone foams
- Hydrogels (by moistening with sterile water or saline)
- Alginates (by using PolyMem Wic®, PolyMem Wic Silver® or PolyMem Wic Silver Rope)
- Hydrocolloids
- Transparent films
- Gauze and traditional dressings

You can use the PolyMem family of dressings as primary dressings, secondary dressings or a combination of both to support the entire healing continuum.



## PolyMem Patented Membrane Benefits You and Your Patients

### Streamlines the process of treating wounds<sup>1,2,3,4,5</sup>

- With four aspects of wound care in one formulation, PolyMem can be used throughout the wound healing continuum.
- PolyMem is also indicated for the majority of wounds (e.g., full- and partial-thickness wounds, skin tears, ulcers, surgical wounds, first- and second-degree burns).
- PolyMem dressings are highly absorbent, allowing up to seven days between changes, depending on the wound status. This can mean a substantial reduction in labor and dressing costs.
- PolyMem dressings provide a clear built-in visual indication of when they need to be changed, taking the guesswork out of patient care.
- Because of the PolyMem built-in cleansing and absorption capabilities, you may be able to change dressings less often and reduce wound bed cleansing during those changes, saving you precious time.

### Creates an optimal healing environment<sup>1,2,3,4,5,6</sup>

- PolyMem membrane keeps the wound bed moist and promotes the concentration of the body's naturally produced growth factors, nutrients and regenerated cells in the wound bed. As a result, clinical studies show that PolyMem dressings offer quicker wound recovery times than traditional dressings and have been found to help heal wounds that had previously been unsuccessfully treated.
- Manual cleansing can be harmful, disturbing the wound bed and any surrounding healthy tissue. The built-in cleansing capabilities minimize the need for manual wound bed cleansing during dressing changes.

### Enhances patient comfort<sup>1,2,3,4,5</sup>

- PolyMem uses glycerol to soothe traumatized tissues, reducing wound pain and providing comfort at the wound site.
- PolyMem dressing pad removes with virtually no pain, improving the caregiver-patient interaction and overall care experience.

1. Blackman, J. D., Senseng, D., Quinn, L., & Mazzone, T. (1994). Clinical evaluation of semipermeable polymeric membrane dressing for the treatment of chronic diabetic foot ulcers. *Diabetes Care*, 17(4), 322-5.  
2. Carr, R. D., Lalagos, D. E., & Upman, P. J. (1989). Comparative study of occlusive wound dressings on full thickness wounds in domestic pigs. *Wounds: A Compendium of Clinical Research and Practice*, 1(1), 53-61.  
3. Carr, R. D., & Lalagos, D. E. (1990). Clinical evaluation of a polymeric membrane dressing in the treatment of pressure ulcers. *Decubitus*, 3(3), 38-42.  
4. Fowler, E., & Papen, J. C. (1991). Clinical evaluation of a polymeric membrane dressing in the treatment of dermal ulcers. *Ostomy Wound Management*, 35, 35-8, 40-4.  
5. Kim, Y. K., Less, S. W., & Hong, S. H. (1999). The effects of PolyMem on the wound healing. *J Korean Soc Plast Reconstr Surg*, 109, 1165-72.  
6. Rodeheaver, G. T. (2001). Wound cleansing, wound irrigation, wound disinfection in chronic wound care. In Krasner, D. L., Rodeheaver, G. T., & Sibbald, G. R. (Eds.), *A Clinical Source Book for Healthcare Professionals* (3rd ed.). (pp. 369-383). Wayne, PA: HMP Communications.



## How PolyMem Works

### Continual Cleansing

The dressing contains a tissue-friendly cleanser that is activated by moisture and gradually released into the wound bed. This reduces interfacial tension between healthy tissue and debris, loosens eschar and necrotic tissue, and supports autolytic debridement – all while keeping the wound bed clean throughout healing.

### Wound Comfort and Health

Glycerin, a moisturizer contained in the dressing, keeps the dressing from adhering to the wound bed and provides comfort at the wound site. Glycerin also reduces odor, conserves living fat cells, reduces hypergranulation, soothes traumatized tissues, and supports autolytic debridement.

### Impressive Wicking Power

The polyurethane membrane matrix wicks away up to 10 times its weight in exudate. It will not fragment and leaves no residue in the wound bed.

The superabsorbent in PolyMem absorbs and binds the water molecules from the wound fluid, allowing the natural growth factors and nutrients to concentrate in the wound bed.

### Liquid Barrier and Gas Exchange

The semipermeable thin film backing provides a liquid barrier while allowing gas (O<sub>2</sub> and CO<sub>2</sub>) exchange and maintaining an ideal Moisture Vapor Transmission Rate (MVTR). The transparent film backing allows visual inspection of the membrane to determine the need for a dressing change.



### PolyMem Non-Adhesive Dressings:

Are the optimal choice when cutting dressings to size and taping is your preferred method of application.



### PolyMem Urethane Adhesive Dressings:

The ultra-thin, adhesive-coated urethane film, together with the PolyMem membrane, will provide a breathable yet tough, protective, water-resistant dressing of unsurpassed versatility.



### PolyMem Cloth-Backed Adhesive Dressings:

A breathable, adhesive-coated cloth backing that provides exceptional comfort for your patient.



### PolyMem Cavity Wound Fillers:

Will expand within the wound cavity to fill dead space, keeping the wound bed clean and moisturized while absorbing excess fluid.



### PolyMem Silver Dressings:

Incorporates unique silver particles and may be used when antimicrobial benefits are desired. Kills 99.9% of entire population of bacteria and fungi tested.\* Won't stain the skin.

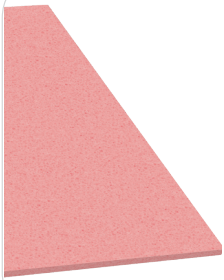
\*Organisms tested included Klebsiella pneumoniae (ATCC# 4352), Pseudomonas aeruginosa (ATCC# 9027), Enterococcus faecalis (VRE) (ATCC# 51575), Candida albicans (ATCC# 10231), Staphylococcus aureus (MRSA) (ATCC# 33591) and Staphylococcus aureus (ATCC#6538). The organisms chosen demonstrate the antimicrobial actions of the silver formulation on relevant, representative organisms.



# Simple to Use.

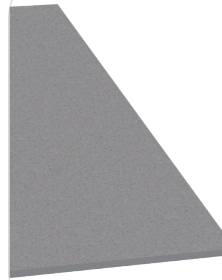
## Multiple configurations for a variety of wound needs.

PolyMem family of dressings are available in a variety of configurations to suit individual wound needs throughout the wound-healing continuum. All of the following dressings feature the PolyMem formulation.



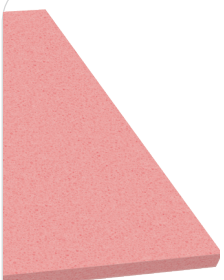
### PolyMem

This is the standard hydrophilic polyurethane membrane matrix with a continuous semipermeable polyurethane thin film backing. Use as a combined primary and secondary dressing or as a secondary dressing.



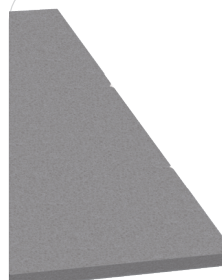
### PolyMem Silver®

This is the same formulation as PolyMem with the addition of small particle silver to protect from microbial contamination. Use as a combined primary and secondary dressing or as a secondary dressing.



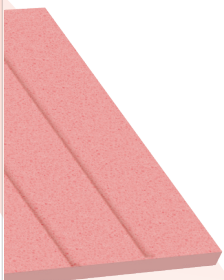
### PolyMem Max®

This configuration is a thicker PolyMem membrane for wounds with heavier drainage, or when longer wear time is desired. Appropriate for use as a combined primary and secondary dressing or as a secondary dressing.



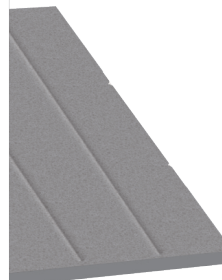
### PolyMem Max Silver®

This configuration is a thicker PolyMem membrane for wounds with heavier drainage, or when longer wear time is desired, with the addition of small particle silver to protect from microbial contamination. Appropriate for use as a combined primary and secondary dressing or as a secondary dressing.



### PolyMem Wic

This PolyMem membrane is especially designed for cavity wounds. PolyMem Wic expands within the wound cavity to fill dead space, keeping the wound bed clean and moisturized while absorbing excess fluid. As this is a wound filler, to be used only as a primary dressing, this configuration comes without the thin film backing. These dressings should be cut one-third smaller than the wound, because they will expand when they absorb wound exudates. Use any of the other appropriate PolyMem configurations as a secondary dressing.



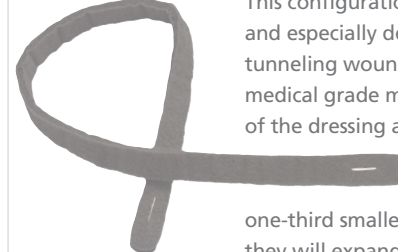
### PolyMem Wic Silver

This PolyMem membrane is especially designed for cavity wounds with the addition of small particle silver to protect from microbial contamination. As this is a wound filler, to be used only as a primary dressing, this configuration comes without the thin film backing. These dressings should be cut one-third smaller than the wound, because they will expand when they absorb wound exudates. Use any of the other appropriate PolyMem configurations as a secondary dressing.



### PolyMem Finger/Toe Dressing

This configuration is designed to comfortably roll onto fingers and toes.



### PolyMem Wic Silver Rope

This configuration is a primary dressing only and especially designed for undermining and tunneling wounds. It is reinforced with a medical grade mesh to enhance the strength of the dressing and helps assure easy and complete removal. These dressings should be cut one-third smaller than the wound, because they will expand when they absorb wound exudates. Use any of the other appropriate PolyMem configurations as a secondary dressing.

**For the ultimate in conformity, try our Shapes by PolyMem® dressings. Shapes® fit wounds right out of the package.**

# PolyMem Versatility.

PolyMem helps effectively heal the majority of wounds:

- Pressure ulcers (Stage I-IV)
- Diabetic ulcers
- Venous ulcers
- Donor and graft sites
- Dermatologic disorders
- First- and second-degree burns
- Skin tears
- Surgical wounds
- Tube sites
- Full- and partial-thickness wounds
- Leg ulcers
- Acute wounds

## PolyMem

- Leverages innovative formulation of PolyMem dressing material
- Creates an optimal healing environment
- Streamlines the process of treating wounds
  - Saves caregiver time
  - Reduces cost of materials
- Enhances patient comfort

## PolyMem Dressings Product Selection Criteria

Use **PolyMem Silver** dressings when antimicrobial benefits and reduction of bioburden in the dressing are desired.

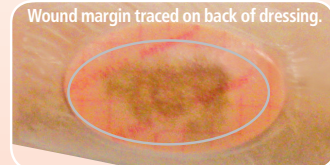
	NO DRAINAGE	SLIGHT DRAINAGE	MODERATE DRAINAGE	HEAVY DRAINAGE
SKIN TEARS		PolyMem		
DIABETIC ULCERS			PolyMem or PolyMem Max	
VENOUS ULCERS			PolyMem or PolyMem Max with or without PolyMem Wic wound filler*	
ARTERIAL ULCERS	PolyMem			
PRESSURE ULCERS: STAGE I	PolyMem			
STAGE II			PolyMem or PolyMem Max	
STAGE III			PolyMem or PolyMem Max with or without PolyMem Wic wound filler*	
STAGE IV			PolyMem or PolyMem Max with or without PolyMem Wic wound filler*	
SURGICAL SITES			PolyMem or PolyMem Max with or without PolyMem Wic wound filler*	
BURNS: 1ST AND 2ND DEGREE			PolyMem or PolyMem Max	

\*PolyMem Wic wound fillers include PolyMem Wic, PolyMem Wic Silver and PolyMem Wic Silver Rope

## EASY AS 1. 2. 3.

### First Time Only:

- 1 Clean wound per facility protocol
- 2 Place PolyMem dressing on wound
- 3 If infection is present, treat appropriately



Wound margin traced on back of dressing.

Change dressing when exudate reaches the approximate drawn wound margin

### Dressing Changes:

- 1 Remove old dressing  
NOTE: Do not disturb the wound bed
- 2 Place new PolyMem dressing on the wound
- 3 If infection is present, treat appropriately

This is an overview. Please see package insert for complete instructions.

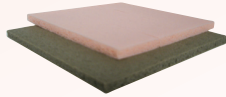


Wrapping up patient care with one easy-to-use formulation...

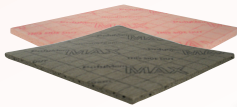
rope filler



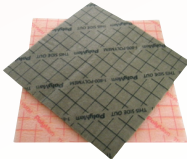
cavity filler



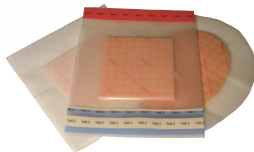
extra thick



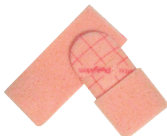
standard thickness



adhesive bordered



finger/toe



...the complete solution to your wound care needs.

PolyMem dressings cleanse, fill, absorb, moisten and help relieve wound pain throughout the healing continuum.

When you use PolyMem dressings, you eliminate the need to stock most other wound care products on your shelves, including: alginates, hydrogels, hydrocolloids, foams and much more!

From tunnels and cavities to shallow, partial to full thickness, acute to chronic, PolyMem formulation is available in standard and antimicrobial configurations to fill your primary and secondary dressing needs.



Made in the USA



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International: +1 817.900.1301

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This document is meant for general purposes only. See individual product literature for specific indications and instructions for use.

PolyMem, PolyMem Silver, PolyMem Wic, Wic, PolyMem Wic Silver, PolyMem Wic Silver Rope, PolyMem Max, Max, PolyMem Max Silver, Shapes, Shapes by PolyMem, The Shape of Healing, The Pink Dressing, SportsWrap, SportsWrapST, More Healing • Less Pain, interlocking circles design, PolyMem For Sports, Not too Loose...Not too Tight...Just Right!, Ferris and FMC Ferris and design are marks owned by or licensed to Ferris. The marks may be registered or pending in the US Patent and Trademark Office and in other countries. Other marks are the property of their respective owners.

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