

Reducing the risk of wound infection*

Microlyte® is a synthetic matrix containing antimicrobial ionic and metallic silver at low, non-toxic levels, providing a 99.99% reduction of a broad range of microbes on the matrix.^{1,2†} It is designed to support wound healing³ by conforming to wound-bed micro-crevices, maintaining a moist healing environment, and sustaining consistent reduction of microbial burden.^{1,2†}



Microlyte®
SAMatrix™ Technology

Synthetic solutions for risk reduction. Part of EmeraNova's portfolio of Control solutions


EmeraNova™

Key Features



Image showing the conforming property of the matrix.⁴

- Conforms with transparency to the microtextures of the wound bed.⁴
- Sustained antimicrobial activity of ionic silver on the matrix.^{1,2†}
- Can be used at onset of wound treatment or in surgery, including in conjunction with other wound management technologies and solutions.

Sizing

Size	SKU	Total cm ²
16mm disc	I-ML16DISC	2
2x2	I-ML0202	4
3x3	I-ML0303	9
4x4	I-ML0404	16
5x5	I-ML0505	25
6x8	I-ML0608	48
10x10	I-ML1010	100

REFERENCES:

1. MicrolYTE Shelf Life and Stability. Data on file, Imbed Biosciences.

2. Measurement of Antimicrobial Activity of MicrolYTE Ag. Data on file, Imbed Biosciences.

3. Agarwal A, et al. Surfaces modified with nanometer-thick silver impregnated polymeric films that kill bacteria but support growth of mammalian cells. *Biomaterials*. 2010;31(4):680-90.

4. Product Handleability Evaluation Report, Data on file, Imbed Biosciences.

*Chatelain R. The Efficacy of a Novel Silver-Containing Bioresorbable Microfilm Matrix in At-Risk Surgical Wounds: A Clinical Case Series. *Wounds*. 2021;33(10):245-252.

† As demonstrated in vitro

Find additional tissue restoration solutions at [EmeraNova.com](https://www.emeranova.com)

