

Transparent Wound Dressings Containing Thymol Nanoparticles

Main Benefits:

- ✓ Antibacterial Activity
- ✓ Transparency of Dressings and the Ability to See and Check the Wound
- ✓ Painless Removal
- ✓ Autolytic Debridement
- ✓ Absorbable in Cavity Wounds
- ✓ Easy Production in Different Sizes and Shapes

Main Ingredients:

- ✓ Antibacterial Nanoparticles of Medicinal Plants
- ✓ Hydrolyzed Collagen

Required Area:

- ✓ 50 m² (Clean Room)

Production Per Time Unit:

4.000 - 20.000 Sheets per Hour (It Depends on the Size).

Production Cost Per Sheet:

25 - 75 Cents per Sheets (It Depends on the Size).

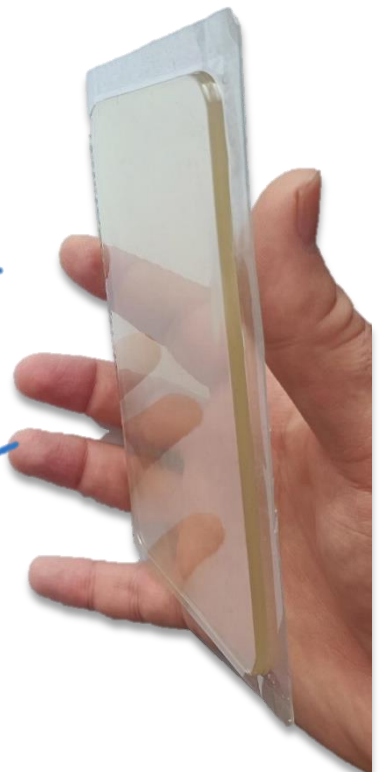
Abstract:

My Hydropolymer dressing maintains a moist wound environment, which supports the wound healing process by encouraging autolytic debridement thus enabling granulation to proceed under optimum conditions.

My Hydropolymer dressings are transparent and contain nanoparticles of medicinal plant extracts. In addition to accelerating the repair and healing of the wound, the herbal extracts used in this dressing also have other features such as topical pain relief and antimicrobial effects. They also require fewer dressing changes than conventional treatments, and therefore reduce the number of times the wound is exposed to airborne pathogens such as fungi.

The dressing is indicated for the management of chronic and acute, moderate exuding, partial and full thickness wounds including superficial wounds, minor abrasions, skin tears, and second-degree burns. Additionally, the product can be useful for pressure ulcers, lower extremity ulcers, diabetic ulcers, and donor sites.

FLEXIBLE
LAST up to a WEEK
PAINLESS REMOVAL
WATERPROOF



Market Size:

The global hydropolymer dressing market size was valued at USD 1.31 billion in 2021 and is projected to grow at a compound annual growth rate (CAGR) of 4.99% from 2022 to 2030.