

Medical Adhesives

Properties and Applications



Typical application

- Advanced wound care
- Low trauma fixation
- Personal care Med device fixation

Health & beauty aids

Unique Features

- Safe for direct wound contact
- Low trauma

• Short-medium wear time

Silicone Gels

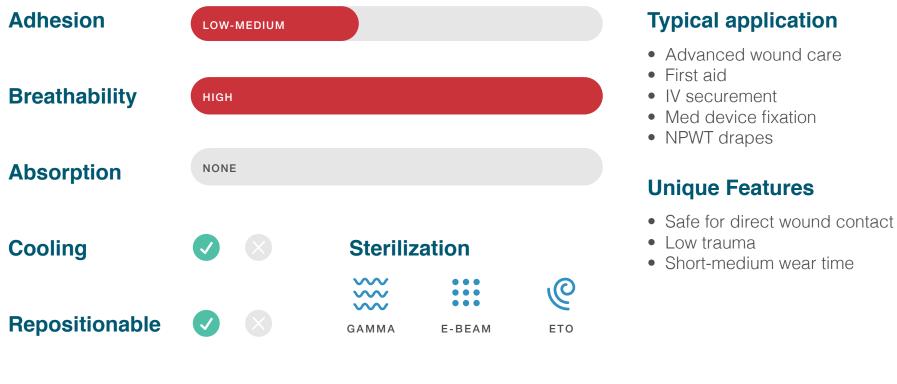
Pressure sensitive adhesives based on a cross-linked polymer network, they are formulated to create a strong but flexible cohesive layer to allow for gentle removal from the skin.

Adhesion LOW-MEDIUM **Breathability** LOW NONE **Absorption Cooling Sterilization** Repositionable ETO

Polyurethane Gels

Polymer based pressure sensitive adhesives that are made by combining prepolymer and curative components. The mixing ratio controls the adhesive softness which contributes to the skin adhesion level.





Adhesion

Typical application

- Advanced wound care
- IV securement
- Med device fixation
- NPWT drapes

Unique Features

 Low trauma Short-medium wear time



Typical application

- Advanced wound care Ostomy
- Med device fixation First aid & foot care
- Health & beauty aids

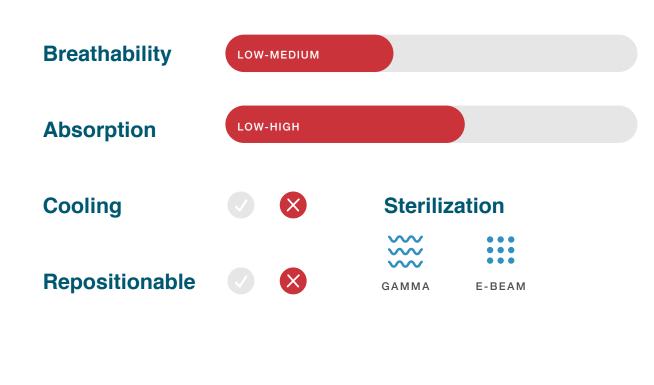
Unique Features Safe for direct wound contact

- Adhere to both moist and dry site Short-long wear time
- Promotes moist wound healing

Hydrocolloids Elastomeric polymer based pressure sensitive adhesive

containing ingredients including plasticizer, tackifier and absorbent/gel forming agent.

MEDIUM-HIGH



Acrylics

Adhesion

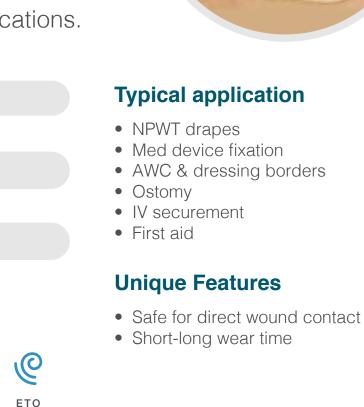
Breathability

be formulated with a wide range of molecular weight, branching, and functional groups within the polymer network that cater to specific skin adhesive applications.

Polymer based pressure sensitive adhesives that can

LOW-HIGH

MEDIUM-HIGH



NONE **Absorption Cooling Sterilization** Repositionable GAMMA E-BEAM ETO

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