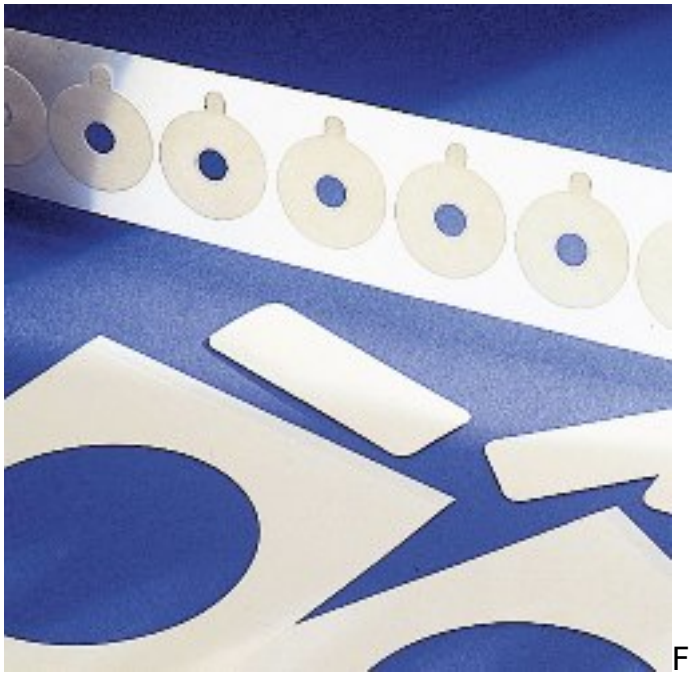
Advanced Adhesive for Medical and Surgical Applications



Fabrico, the leader in design and manufacturing services for flexible materials, announces new adhesives for medical and surgical applications in wound care, ostomy appliances, surgical drapes, and medical diagnostic devices.

Whether used in wound care or surgical products, or to adhere electrodes to skin for diagnostics, Fabrico provides the advanced adhesives with improved stretchability, conformability, breathability, absorbency, porosity, and durability. New classes of adhesives with custom formulations include hydrocolloid, hydrophilic, and conductive adhesives that are gentler on the skin without sacrificing long lasting bonds. These new adhesives can have the following properties:

- Nontoxicity
- Adhesion to organic or inorganic surfaces
- 100% solid before and after curing
- Optimized for wetting and gap filling
- Suitable for high-volume production
- Compatibility with different forms of sterilization
- Anti-microbial characteristics

Fabrico is also be able to suggest the appropriate adhesive alternatives for a specific application, such as single- or double-coated tapes, the best liner for the application, whether a foam tape is best-suited, and what might be available in hydrocolloid tape formulations. An in-house test lab can provide alternatives early in the design stage to ensure design-for-manufacturability.

Fabrico's capabilities include servo driven rotary die-cutting, CNC die-cutting, laser die-cutting, and water jet cutting to meet the complexity and specifications on sophisticated medical components. For complex foam tape die-cut components, water jet cutting can provide a solution that delivers clean cut edges. Laser die-cutting, kiss-cutting, slitting, and laminating can also be used in converting for medical applications.

Fabrico
800 351-8273; www.fabrico.com [1]

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