



Advances in medical adhesives

Advances in adhesive components are allowing product engineers to come up with a more diverse range of medical products that are skin friendly, cost-effective and more user-friendly.

The unique ability of hydrocolloid adhesives to act as an adhesive and absorb fluids without losing adhesion make them very popular for moist wound care, the standard of treatment for most wounds since 1995. Hydrocolloids are multiphase polymeric structures consisting of a continuous rubbery phase into which absorbent particulate material is dispersed, which makes up the discontinuous phase. In the presence of fluid, the hydrocolloids absorb liquids to form a gel. Determination of the properties of the gel is by the formulation of the hydrocolloid adhesive. The formulation and the structure of the polymer determine the balance between moisture vapour transmission, good skin adhesion, and protection from bacterial infection.

Foam blocks prove beneficial to ease strength exercises

For years physical therapists across the country have been coupling foam with rehabilitation. The varying densities of foam make it versatile in what type of patient it treats from ailments that deem a patient bed-ridden to working in line with patients through the physiotherapy process.

Foam is highly adaptable to various situations & rehabilitation needs, lightweight and easily moved from bedside to therapy session. Upon request, Zouch Converters can instruct that the manufacturing and packing processes are done in a close to sterile environment, with special care taken when the end-users are medical professionals.

Pillow Talk

Five key questions you need to ask yourself when shopping for a pillow:

Are you a back, side or stomach sleeper? Your preferred position has a direct impact on the type of pillow you should buy. **For back sleepers**, a medium density pillow is recommended to support your head and neck; **side sleepers** should opt for a firmer pillow to fill the space between the neck and shoulder and keep the spine aligned. **For stomach sleepers**, the softer the better, to avoid putting extra stress on the neck and spine.

SPECIAL FEATURE



Case Study: Medical grade foams & adhesives

Zouch Converters offer medical-grade pressure sensitive adhesives as well as anti-bacterial foams to respond to market opportunities with in this challenging sector.

Some medical devices used for monitoring, pacing and defibrillation require adhesives that are suitable for the healthcare market. Gentle adhesion qualities that do not restrict body movement are important in such applications. To meet these requirements, Zouch Converters has a range of medical grade adhesives that are designed with sustained human contact in mind.

Zouch Converters is here to help its customers choose the right product for the right application.

Dedicated to product development and innovation we offer the ultimate in quality and assurance for the all your healthcare needs.



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