

Rapid Setting Composite Article



About

The Rapid Setting Composite Article is designed to conform to the shape of specific body parts, enhancing the casting process to make it more convenient and widely applicable. This advanced material ensures a perfect fit, providing superior support and comfort.

Market Opportunity

As the use of casting mechanisms and splints continues to grow, the necessity for more moldable and personalized casting mechanisms has increased. The rapid setting composite article is able to adhere to the body with significantly enhanced conformability and stiffness personalized to each user.

Target customers include the military, athletics, emergency care, or any other first aid supply chains, etc., that may need a casting mechanism or a splint of some sort.

The market opportunity extends to an expected growth of \$9 billion by 2031. Such significant market growth further highlights the necessity of enhanced casting and splinting mechanisms.

Potential Applications

The Rapid Setting Composite Article may be used for a plurality of applications including but not limited to:

- Fractures
- Soft tissue injuries
- Sprains and strains

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