

NONWOVENS

CREATING STRUCTURES. ENHANCING PERFORMANCE.

For decades, we have been developing and manufacturing high-precision embossing rollers for the nonwovens industry. Our solutions create surfaces that enhance functionality, tactile properties and design while meeting the highest standards of quality, process reliability and production efficiency. Whether for hygiene products, medical applications, filtration or technical nonwovens, we work closely with our customers to develop customized embossing patterns and surface structures for a wide range of applications.

Using state-of-the-art engraving technologies, extensive process expertise and outstanding manufacturing quality, we produce embossing tools that reliably reproduce even the finest structures and ensure stable production processes. The result is surface solutions that differentiate products, improve performance and create lasting added value.

FUNCTIONAL SURFACE STRUCTURES

Every embossing pattern serves a purpose. We develop structures that enhance tactile properties, functionality and product performance – precisely tailored to the material, production process and application.

EMBOSSING STRUCTURES

From the finest microstructures to distinctive embossing patterns, we create customized surface structures that enhance product performance while ensuring maximum process reliability.

APPLICATION EXPERTISE

Whether for hygiene products, medical applications, filtration or technical nonwovens, we develop surface solutions precisely tailored to the specific requirements of each application.

EMBOSSING ROLLERS

Our embossing rollers ensure highly repeatable structures, stable production processes and consistently high product quality.

ENGRAVING TECHNOLOGIES

Laser, chemical etching and mechanical engraving technologies enable the precise realization of even the finest structures. By combining different technologies, we create tailor-made surface solutions for a wide variety of applications.

MANUFACTURING EXCELLENCE

State-of-the-art manufacturing technologies, uncompromising quality standards and decades of experience form the foundation for durable embossing tools and stable production processes.

INNOVATION PARTNERSHIPS

Together with our partners, we develop technologies that set new standards in the nonwovens industry. One example is VoluMAX³, our jointly developed solution with A.Celli for processing hygiene nonwovens. Combining 3D embossing and aperturing in a single process opens up new possibilities for comfort, functionality and efficient production.

