

# SAERcore® // SAERcore® MAX

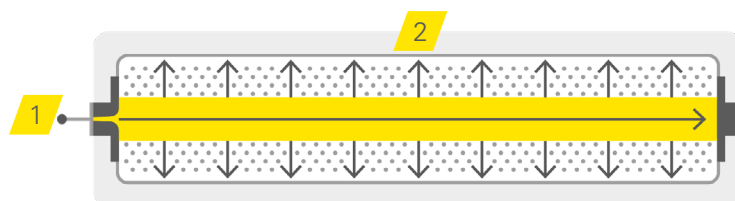
## CLOSED MOLD REINFORCEMENTS

Ideal when resin injection has to be done particularly quickly: **SAERcore®**. This patented **SAERTEX®** product consists of one or two layers of chopped strand mats (CSM) and an intelligent flow media. Our multiaxial technology is integrated in our product **SAERcore® MAX**, which reinforces the fabric complex while keeping same cavity thickness.

- ✓ **High quality**  
SAERcore is made from high-quality materials and manufactured to consistently high standards.
- ✓ **Excellent drapability**  
Complex mold shapes can be easily draped while keeping perfect flow and surface finish properties. Ideal for closed processes: RTM, Light RTM, infusion etc.
- ✓ **Fastest resin flow rates**  
Ideal for large parts when the time for resin transfer is limited or for high viscose resin systems.
- ✓ **Our flexibility for your design**  
Can be customized to any application. The product can be adapted or extended as required with a freely definable width and core. Additional fleece for optimum surface finish available.
- ✓ **SAERcore MAX version for high-strength performance**  
By integrating multiaxial fabrics, SAERcore MAX achieves improved mechanical properties. This all-in-one solution enables efficient mold filling in a single process step.

## HOW IT WORKS

- 1 First the resin flows into the core materials (the resin flow zone) – horizontal injection
- 2 Later, the resin impregnates the outer reinforcements – vertical injection



## ENGINEERED TO YOUR REQUIREMENTS

Customizable layers, individually designed and combined

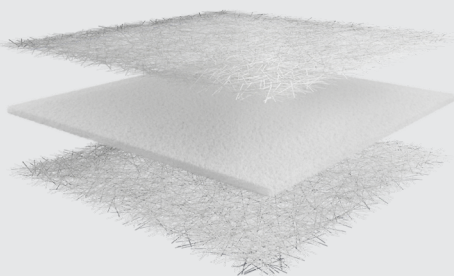
Example:

### SAERcore®

Chopped strand mat

Core

Chopped strand mat



### SAERcore® MAX

SAERfix® (optional)

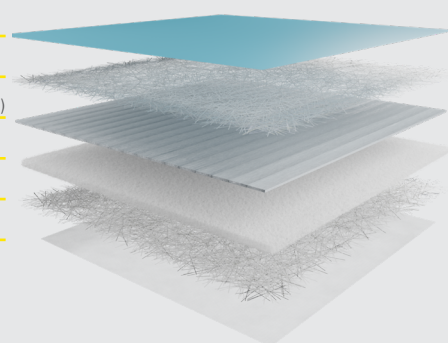
Chopped strand mat

Multiaxial fabric (customizable)

Core

Chopped strand mat

Fleece (optional)



| TECHNICAL DATA                          | SAERcore®              | SAERcore® MAX          |
|-----------------------------------------|------------------------|------------------------|
| Process                                 | RTM, Light RTM         | RTM, Light RTM         |
| <b>Components</b>                       |                        |                        |
| CSM per layer [oz/ft²]                  | 0.5 - 4                | 0.5 - 3                |
| Flow medium* non woven                  | PP13, PP18, PP20, PP25 | PP13, PP18, PP20, PP25 |
| Assembly                                | Stitched               | Stitched               |
| Multiaxial fabrics (UD, BX, BD, TX, QX) | –                      | Glass, Carbon, Aramid  |
| <b>Widths</b>                           |                        |                        |
| Standards                               | 49 in - 98.4 in        | 49 in                  |
| Individual tapes                        | 5.9 in - 126 in        | 5.9 in - 98.4 in       |

\* Polypropylene: PP13 = 130 g/m², ...



Product availability and specifications may vary by region. Please contact us for details.

Visit our website for more information.

REINFORCING YOUR IDEAS