



**SAERTEX®**

# SAERcore® // SAERcore® MAX

## CLOSED MOULD

## 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.

### 1 Very good drapability

Complex mould shapes can be easily draped while keeping perfect flow and surface finish properties. // Ideal for closed processes: RTM, RTM light, infusion etc.

### 2 High-Flow version with 25% faster flow rate

Maximum flow rate. // Ideal for large parts when the time for resin transfer is limited or the resin is viscous; also available for **SAERcore MAX**.

### 3 Our flexibility for your design

Can be flexibly used for 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 in kits.

### 4 Can be combined with other SAERTEX solutions

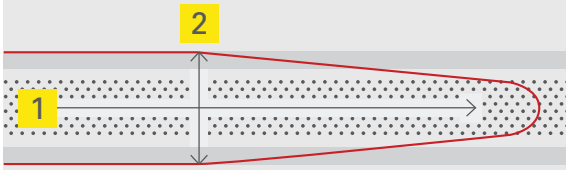
- **Reinforced:** **SAERcore MAX** allows for all-in-one mould setting in a single operation with improved mechanical properties thanks to addition of multiaxial fabrics.
- **Self-adhesive:** **SAERcore** and **SAERcore MAX** can be used in conjunction with **SAERfix** to reduce draping times even further and to avoid the use of spray adhesives.

### 5 High quality

**SAERcore** and its characteristic components are held to the highest level material and manufacturing quality. // Alternative components such as CSM may be freely specified by the customer.

### How it works

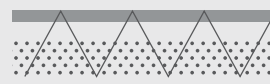
- 1 First the resin flows into the core material (the resin flow zone) – horizontal injection
- 2 Later, the resin impregnates the outer reinforcements – vertical injection



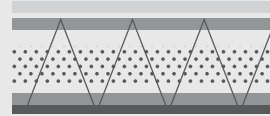
Can be individually designed and combined

#### Examples:

##### SAERcore®

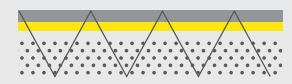


CSM + core

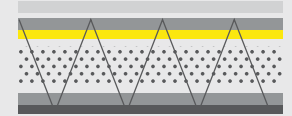


SAERfix® + CSM + core  
+ CSM + fleece

##### SAERcore® MAX

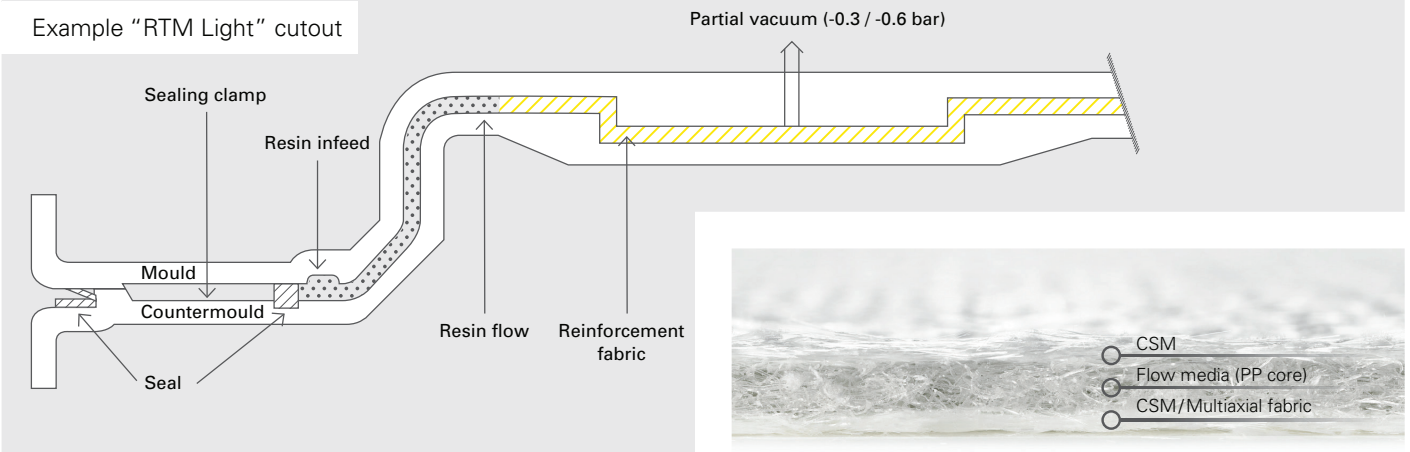


CSM + MAX fabric + core



SAERfix® + CSM + MAX fabric  
+ core + CSM + fleece

### Example "RTM Light" cutout



## TECHNICAL DATA

	SAERcore®	SAERcore® with High-Flow	SAERcore®	SAERcore® MAX with High-Flow
Process	RTM, RTM light compression / cold mould process	RTM, RTM light compression / cold mould process vacuum infusion	RTM, RTM light, compression / cold mould process	RTM, RTM light, compression / cold mould process vacuum infusion
<b>COMPONENTS</b>				
CSM per layer [g/m²]	150 – 1000	150 – 1000	150 – 900	150 – 900
Flow medium* non woven or knitted	PP13, PP18, PP20, PP25	PP25HF, KP3, KP5	PP13, PP18, PP20, PP25	PP25HF, KP3, KP5
Assembly	stitched	stitched	stitched	stitched
Multiaxial fabrics (UD, BX, BD, TX, QX)	-	-	glass, carbon, aramid	glass, carbon, aramid
<b>WIDTHS</b>				
Standards	1250 mm, 2500 mm	1250 mm, 2500 mm	1250 mm	1250 mm
Individual tapes	150 – 3200 mm	150 – 3200 mm	150 – 2500 mm	150 – 2500 mm
<b>EXTRAS</b>				
Kits (from template or CAD file)	✓	✓	✓	✓
SAERfix	✓	✓	✓	✓
Surface fleece	✓	✓	✓	✓

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



For applications and information – including the SAERcore product video – please visit [www.saertex.com/saercore](http://www.saertex.com/saercore)

REINFORCING YOUR IDEAS