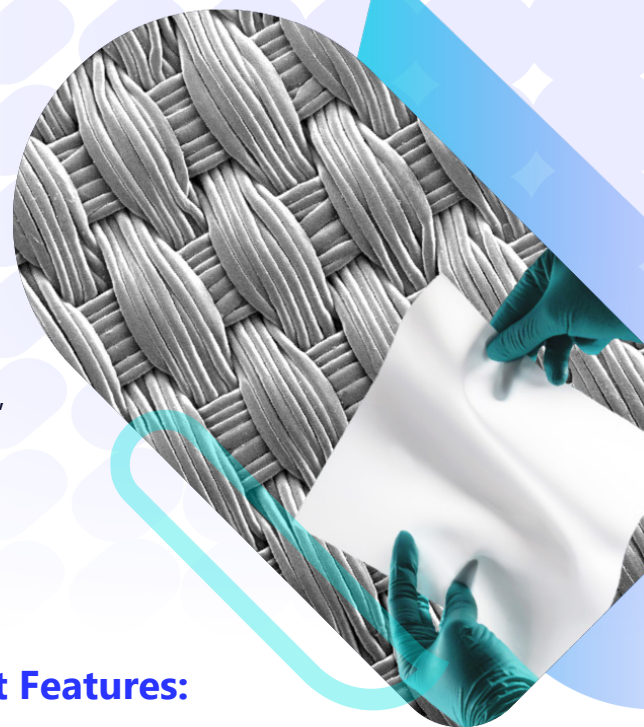


Low- & Ultra-low-profile Medical Fabric

Solexis' low-profile medical fabric streamlines the development of next-generation cardiovascular devices to help you meet new and emerging market needs.

The engineered properties of low-profile textiles reduce fabric thickness to enable minimally invasive transcatheter delivery. Low-profile medical fabric can be further customized by Solexis' design team to meet your device performance requirements.

This off-the-shelf fabric enables medical device engineers to shorten development lead times and optimize speed to market and development costs.

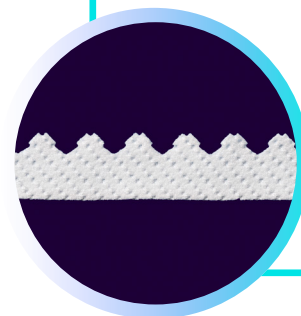
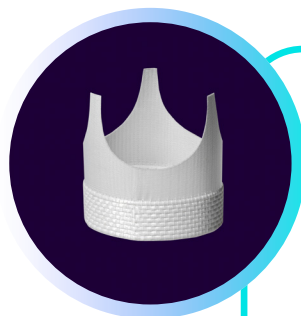


Customization Options Include:

- Density
- Laser-cut shapes
- Permeability
- Polymer coatings
- Pore size
- Stretch properties
- Thickness

Key Product Features:

- Available off the shelf
- Compaction for minimally invasive delivery
- High burst strength
- Low-permeability



Properties and Characteristics

Part Number	Thickness (μ)	Water Permeability mL/min/cm ²	Probe Burst (kN)	Suture Retention MD (N)	Suture Retention CD (N)
FBMW4941-HS (FBMW0351-HS)	63.5 - 101.6	≤ 900	≥ 0.165	≥ 4.5	≥ 4.0
FBMW4941-C (FBMW0351-C)	38.1 - 76.2	≤ 300	≥ 0.160	≥ 4.0	≥ 4.0
FBMW3976-HS (FBMW0352-HS)	83.4 - 106.7	≤ 900	≥ 0.285	≥ 7.0	≥ 7.0
FBMW3976-C (FBMW0352-C)	55.9 - 76.2	≤ 500	≥ 0.235	≥ 7.0	≥ 7.0
FBMW3928-HS (FBMW0353-HS)	111.8 - 142.2	≤ 400	≥ 0.250	≥ 4.0	≥ 7.5
FBMW3928-C (FBMW0353-C)	76.2 - 101.6	≤ 100	≥ 0.250	≥ 4.0	≥ 5.0
FBMW4999-C (FBMW0354-C)	50.8 - 76.2	≤ 300	≥ 0.175	≥ 3.5	≥ 4.0

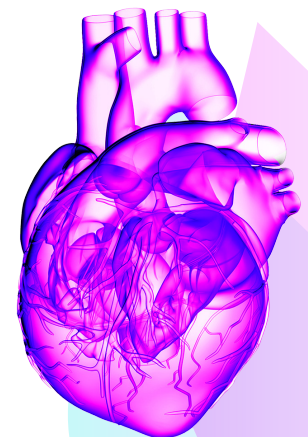
Preliminary Results of Next-generation Ultra-low-profile Fabric

Part Number	Thickness (μ)	Water Permeability mL/min/cm ²	Probe Burst (kN)	Suture Retention MD (N)	Suture Retention CD (N)
FSMW7374	52	< 800	≥ 0.160	≥ 4.5	≥ 4.5
FSMW5471	45	< 350	Contact Us	Contact Us	Contact Us
FSMW5397	52	< 400	Contact Us	Contact Us	Contact Us
FSMW5444 (FSMW2915)	55	< 1000	≥ 0.100	≥ 4.0	≥ 4.0

Information in parentheses denotes obsoleted part number

Potential Applications

- Heart Valves
 - Repair
 - Replacement
- Vascular Grafts
 - Bypass
 - EVAR
- Other Cardiovascular Applications
 - Congestive Heart Failure
 - Filtration
 - LAA Occlusion
 - Membrane
 - PFO



Ready to Spark Your Next Medical Device Innovation?

With decades of expertise in biomaterials science, Solexis can help you solve your medical device and delivery system challenges with custom textile and polymer solutions.

Learn more at solesis.com/capabilities/product-development-optimization.

Contact us at info@solesis.com.

