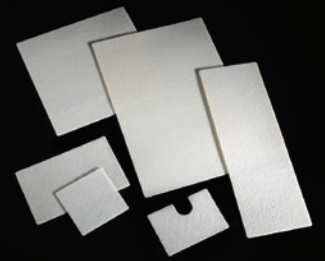
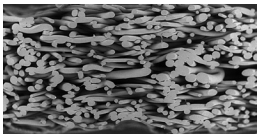
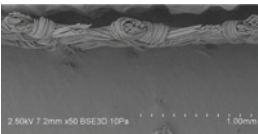
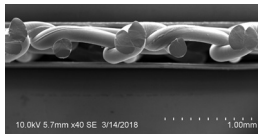
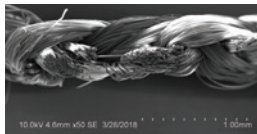


Biosynthetics – Know your options



“[Biologic] materials come with only moderate durability, and at substantial financial cost... Slowly absorbable biosynthetic implants, as a class of hernia meshes, represent a possible cost-effective solution. In the final analysis... given their lower cost, reduced handling requirements, and relatively predictable behavior, [biosynthetic mesh] use could be supported for these difficult clinical situations.”¹

Dr. Kim et al. compare four biosynthetic options¹:

	GORE® BIO-A® Tissue Reinforcement	ETHICON VICRYL® Woven Mesh	BARD® DAVOL PHASIX Mesh	NOVUS SCIENTIFIC TIGR® Resorbable Matrix
Manufacturer	W. L. Gore & Associates, Inc.	Ethicon, Inc.	C.R. Bard, Inc. / Davol, Inc.	Novus Scientific
Fiber	67% PGA 33% TMC	92% PGA 8% PLLA	P4HB	1) Primary matrix– PGA:PLA:TMC 2) Secondary matrix– PLLA:TMC
Complete resorption	6 months	2–3 months	12–18 months	3 years
Approximate cost (USD)	\$4,400 (20 cm x 30 cm)	\$1,300 (30 cm x 30 cm)	\$6,775 (20 cm x 25 cm)	\$4,000
Primary mechanism of degradation	Hydrolysis	Hydrolysis	Hydrolysis	Hydrolysis
Material Structure (SEM 50x)	Laminar 3-D web 	Multifilament 2-D knit 	Monofilament 2-D knit 	Dual-filament 2-D knit 

To find out more information on why GORE® BIO-A® Tissue Reinforcement is an excellent choice please contact your local field sales associate, call **1.800.965.4673**, or visit **www.goremedical.com/btr**.

1. Kim M, Oommen B, Ross SW, et al. The current status of biosynthetic mesh for ventral hernia repair. *Surgical Technology International* 2014;25:114-121.

W. L. Gore & Associates, Inc. | Flagstaff, AZ 86004

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Products listed may not be available in all markets.

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