Prolene®

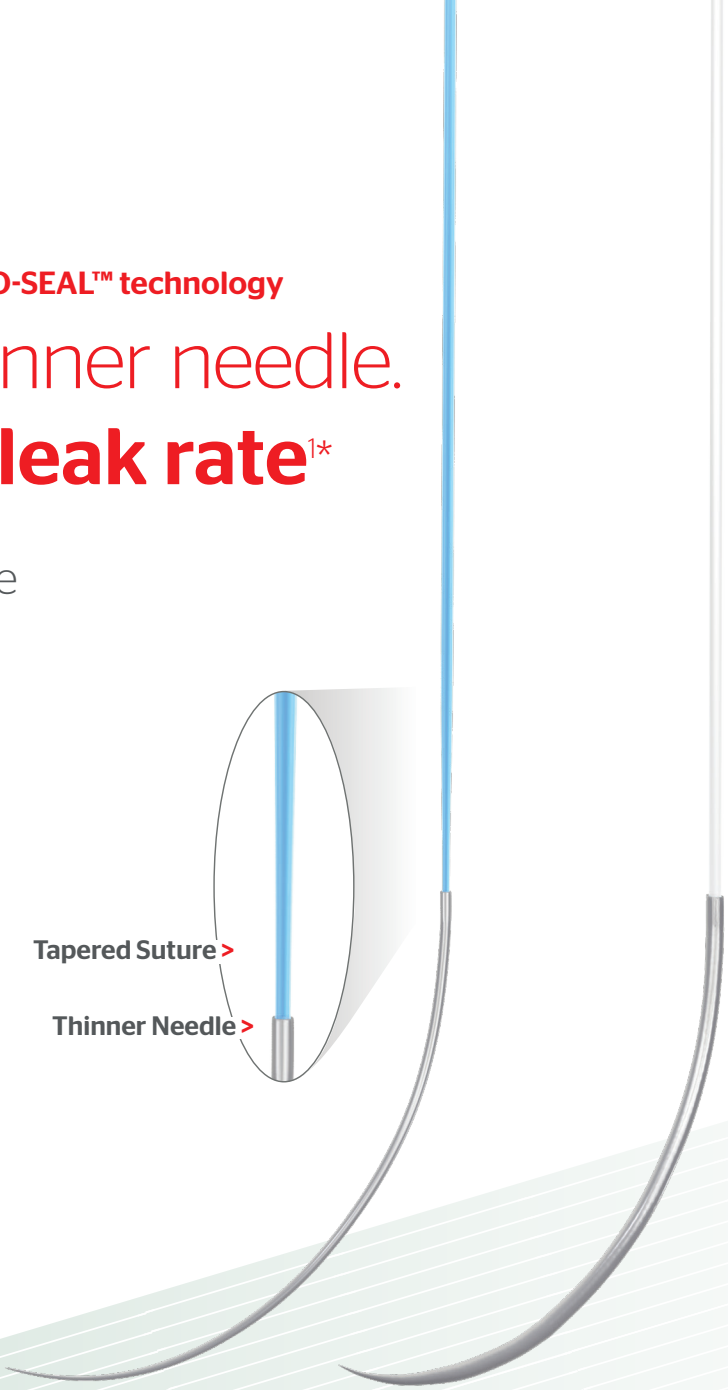
PROLENE® Polypropylene Suture with HEMO-SEAL™ technology

Tapered suture. Thinner needle.

59% reduction in leak rate[1]*

Unique design of PROLENE Suture with HEMO-SEAL technology tapers down the suture at the swage site, allowing a thinner needle to be attached, resulting in a reduced needle-to-suture diameter ratio.

This enhanced ratio enables the suture to more completely fill the hole, leading to a significantly reduced leak rate, as shown in a cardiopulmonary bypass model.



0.63 ml/min

5-0 PROLENE® Polypropylene Suture with HEMO-SEAL technology, C-1 needle
Average needle hole leak rate

1.56 ml/min

GORE-TEX® Suture CV-6, TTc-13 needle
Average needle hole leak rate

*Compared to GORE-TEX Suture

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Product Codes

EPH codes utilize EVERPOINT® Cardiovascular Needles which, compared to traditional stainless steel needles, offer up to[2,3]

- 70% better penetration
- 38% more bend resistance
- 121% more stiffness

Needle		Length	Size 5-0	4-0	3-0
BV-1 9.3mm BV-1 3/8 Circle	EVERPOINT Needles 	60cm	9702H*		
		60cm	**EPH9702H**		
C-1 13mm C-1 3/8 Circle	EVERPOINT Needles 	60cm	**EPH8725H**		
		75cm	**EPH7477H**	9706H*	
		90cm	**EPH8720H**		
C-1 13mm 3/8 Circle	EVERPOINT Needle 	75cm	**EPH8890H**		
RB-2 13mm RB-2 1/2 Circle	EVERPOINT Needles 	75cm	**EPH8710H**		
		90cm	**EPH8716H**		
RB-1 17mm RB-1 1/2 Circle		75cm	HS6856H*		
		90cm	HS8556H*		9556H*
		90cm		HS6857H*	
SH-2 20mm SH-2 1/2 Circle		90cm		HS6861H*	
SH 26mm SH 1/2 Circle		90cm		HS6855H*	
		90cm			HS6822H*

*Stainless Steel Needle

Suture material is Blue Monofilament

For complete indications, contraindications, warnings, precautions, and adverse reactions, please reference full package insert.

1. Ethicon Inc. A comparative analysis of the suture hole leak rate of Standard PROLENE® Polypropylene 5-0 Suture, PROLENE® Polypropylene 5-0 Suture with HEMO-SEAL™ technology, and GORE-TEX® EPTFE nonabsorbable monofilament 5-0 suture following an EPTFE to EPTFE vascular graft anastomosis in an ex vivo cardiopulmonary bypass pulsatile flow loop model with heparinized porcine blood. **2.** Ethicon, Inc. EVERPOINT Competitive Assessment, CT11-013. 2011. **3.** Cichocki FR Jr, Maurer RE, Bar SN. Tungsten-rhenium suture needles with improved properties for coronary artery bypass graft surgery. *J Biomed Mater Res B Appl Biomater*. 2010;94(2):493-500.

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