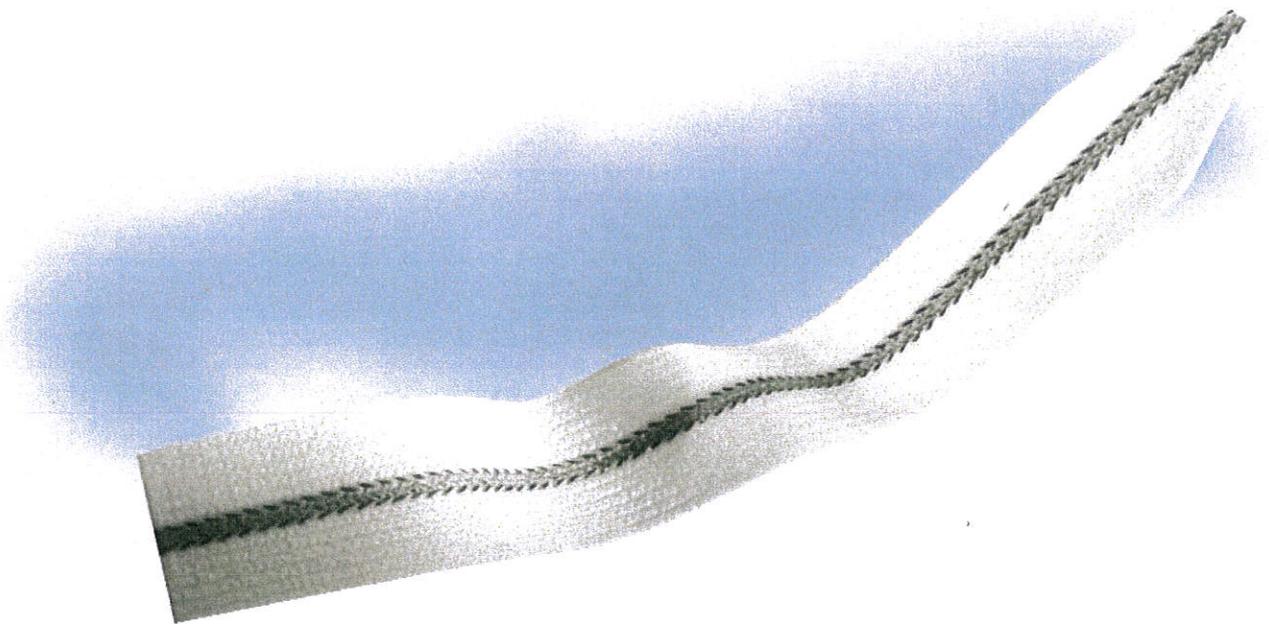


# Fluoropassiv™

## Thin Wall Carotid Patch

- Superb handling
- Novel fluoropolymer surface treatment
- Lower thrombogenicity <sup>1,2,3</sup>
- Improved healing <sup>4,5</sup>
- Unique Rifampicin bonding option <sup>6</sup>
- Minimal suture hole bleeding <sup>2</sup>

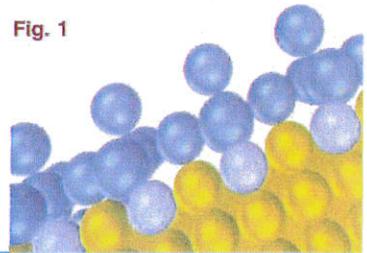


VASCULINK

TEFLON®

# Fluoropassiv™ Thin Wall Carotid Patch

Fig. 1



## SUPERB HANDLING WITH SMOOTH STRONG THIN WALL AND ENHANCED SUTURE RETENTION

The smooth, strong (burst strength 0.27kN) thin wall fabric (0.36mm) features an innovative knitted structure, providing enhanced handling, strength and suture retention characteristics.

## NOVEL FLUOROPOLYMER SURFACE TREATMENT

Fluoropolymer molecules bond with the polyester polymer, providing an interpenetrating molecular network at the interface between the two polymers (Fig.1). The result is a new biomaterial, combining the strength of polyester with the inertness of a fluoropolymer.

## LOWER THROMBOGENICITY

*In vitro*, *in vivo* and *ex vivo* studies<sup>1,2,3</sup> on platelet deposition confirm that Fluoropassiv™ exhibits dramatically reduced thrombogenicity (Fig. 2).

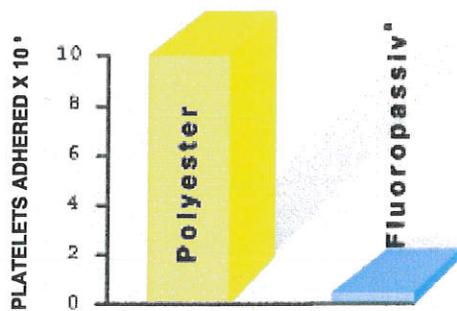


Fig. 2

## Fluoropassiv™ Patches

### Product Ordering Information

Size (mm)	Cat No.
6 x 75	920675FT
8 x 75	920875FT
10 x 50	921050FT
10 x 75	921075FT
10 x 100	921010FT
10 x 150	921015FT
15 x 50	921550FT
15 x 75	921575FT
25 x 120	922512FT



## IMPROVED HEALING

Evidenced by vaso vasorum formation<sup>4,5</sup> (Fig.3), thin pseudointimal development and extensive endothelial coverage in the mid portion of long grafts<sup>5</sup>.



Fig. 3

## UNIQUE RIFAMPICIN BONDING OPTION

Vascutek's gelatin impregnated vascular graft materials when bonded to Rifampicin minimise the possibility of post operative graft infection and are

**"... significantly more resistant to bacteremic infection than are Silver/collagen-coated polyester..."**<sup>6</sup> graft materials.

## MINIMAL SUTURE HOLE BLEEDING

The gelatin sealant ensures minimal suture hole bleeding compared to other synthetic materials<sup>2</sup> (Fig. 4).

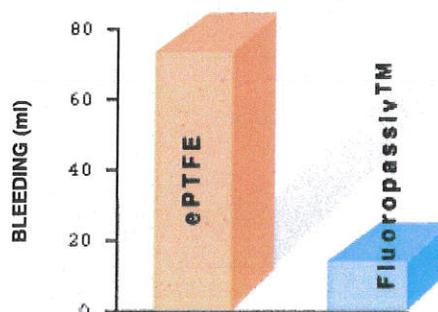


Fig. 4

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- (3) Chinn J et al. **Blood & Tissue Compatibility of Modified Polyester: Thrombosis, Inflammation and Healing.** (*J. Biomed. Mat Res - in press*)
- (4) Curti T et al. **Biocompatibility of the New Fluoropassiv Vascular Prosthesis - Ultrastructure Analysis.** *Giornale Italiano di Chirurgia Vascolare (1994), Vol 1, No 1-2, 27-30*
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- (6) Goëau-Brissonnière O et al. **Comparison of the Resistance to Infection of Rifampin-bonded Gelatin-sealed and Silver/Collagen-coated Polyester Prostheses.** *J Vasc Surg 2002; 35: 1260-3*



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