VASCULAR PROSTHESES

**Peripheral**

**Straight**

- *Support*
  - *Self Sealing* Rapidax™ self sealing ePTFE
  - SEALPTFE™ Wrap standard wall graft
  - taperflo™ with central support

**Tapered**

- Central Support
- *Support*
  - Higher Crush Resistance SEALPTFE™ Ultrathin with solid PTFE support

**Support**

- No Support
  - Flared Outflow
  - Flared Outflow

**No Support**

- No Support

*Surgical Application*
The world’s only Gelatin Coated ePTFE

SAVE TIME
- Minimise intraoperative waiting time
  - Reduced suture line bleeding\textsuperscript{1,2}
- Potential to minimise tissue trauma
  - Allowing the creation of tighter tunnels
- Easier graft positioning
  - Via the low friction gelatin interface
- Reduced operative time per patient
  - Average 3.4 minutes to haemostasis\textsuperscript{2}

SAVE MONEY
- No need for special sutures
  - Gelatin seals suture holes when using monofilament suture\textsuperscript{1}

REDUCE COMPLICATIONS
- Potential to reduce perigraft seroma
  - Gel acts as a barrier to ‘sweating’\textsuperscript{2}
- Antibiotic bonding option\textsuperscript{3}
  Antibiotic bonding option subject to local regulatory approval.
  Not approved by Health Canada.
<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>Tapered Unsealed ePTFE</td>
<td>Standard Wall (0.47 mm)</td>
<td>Arterial (0.59 mm)*</td>
<td>Venous (0.36 mm)*</td>
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<tr>
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<td>S4006CP</td>
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* Data derived from 4-7mm product
The **cost effective solution** to your ePTFE needs

**MAXIFLO™ Ultrathin**
- Ultrathin wall ePTFE with excellent handling characteristics\(^2\)
- Enhanced flexibility which offers vessel conformability\(^2\)

**MAXIFLO™ Wrap**
- Standard wall ePTFE with higher suture retention\(^1\)

**MAXIFLO™ Tapered range**
- Tapered design specifically created for vascular access
- Short taper & stepped taper designs available with and without central polypropylene support

**MAXIFLO™ with Unity™ Construction**
- Unique expanded PTFE support can be retained at the anastomosis, creating an “anastomotic protection system”\(^1\)
VASCULAR PROSTHESES
TYPICAL APPLICATIONS

ePTFE

with solid PTFE support

SEALPTFE™Wrap

with Unity™Construction

RAPIDAX

taperflo

SEALPTFE™Wrap™

with solid PTFE support
**THIN AND STRONG**

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Length</th>
<th>Bore Size</th>
<th>Wall Thickness</th>
<th>Suture Retention</th>
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<tr>
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</table>

**DOUBLE WRAP OPEN PORE TECHNOLOGY**

**FREE FLOW HOOD DESIGN**

**FULLY CUSTOMISABLE HOOD**

Data derived from non-reinforced COBRAHOOD™
ePTFE Vascular Prosthesis with Flared Outflow

THIN AND STRONG
- Same wall thickness as competition¹
- 51% greater suture retention¹

DOUBLE WRAP OPEN PORE TECHNOLOGY
- The wrap has the same porosity as the base graft thereby allowing tissue incorporation⁵

FREE FLOW HOOD DESIGN
In comparison to a standard 6 mm ePTFE prosthesis, COBRAHOOD™ offers:
- 5.6 times greater surface area⁶
- 10 times greater anastomotic volume⁶

FULLY CUSTOMISABLE HOOD
- The thin wall hood design is easy to cut and shape
**Rapidax™**

Trilaminate Construction Self-sealing ePTFE

Suture segment 0.8 mm
Cannulation segment 1.1 mm

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<td>-</td>
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</table>

**Antibiotic bonding option**
Antibiotic bonding option subject to local regulatory approval. Not approved by Health Canada.

**Rapidax™** has equivalent suture retention to a polyurethane graft, also used for vascular access¹

**Rapidax™** vascular access graft has significantly better haemostatic characteristics than a comparative polyurethane graft (P = 0.05)¹

**Rapidax™** has significantly higher tensile strength in comparison to a polyurethane graft (P = 0.05)¹

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1. Model: Rapidax
2. Source: [Manufacturer’s brochure](https://www.manufacturer.com)
Designed for **Rapid Access**

Haemodialysis

- **Access** within 24 hours\(^2,4\)
- **Rapid haemostasis** following needle withdrawal\(^2,4\)
- Effectively **no suture hole bleeding** or “sweating”\(^1,2,4\)
- **Does not elongate** when pressurised\(^1\)
- Robust construction allows for **easier tunnelling**
- **Antibiotic bonding** option\(^7\)
  Antibiotic bonding option subject to local regulatory approval. Not approved by Health Canada.

**TYPICAL APPLICATIONS**
References:
1. Data on file at Vascutek
2. Supporting Post-Market Clinical Data on file at Vascutek
3. BSI Ref EQ# 10020927
4. Sotirchos G (2009) Immediate cannulation for hemodialysis, 500 cases Presented at the 6th International Congress on Vascular Access, Rome, Italy
6. Based on direct comparison between 6mm straight ePTFE prosthesis and 6mm Cobrahood™. Data on file, Vascutek Ltd. 2007
7. BSI Ref SMO 4944477