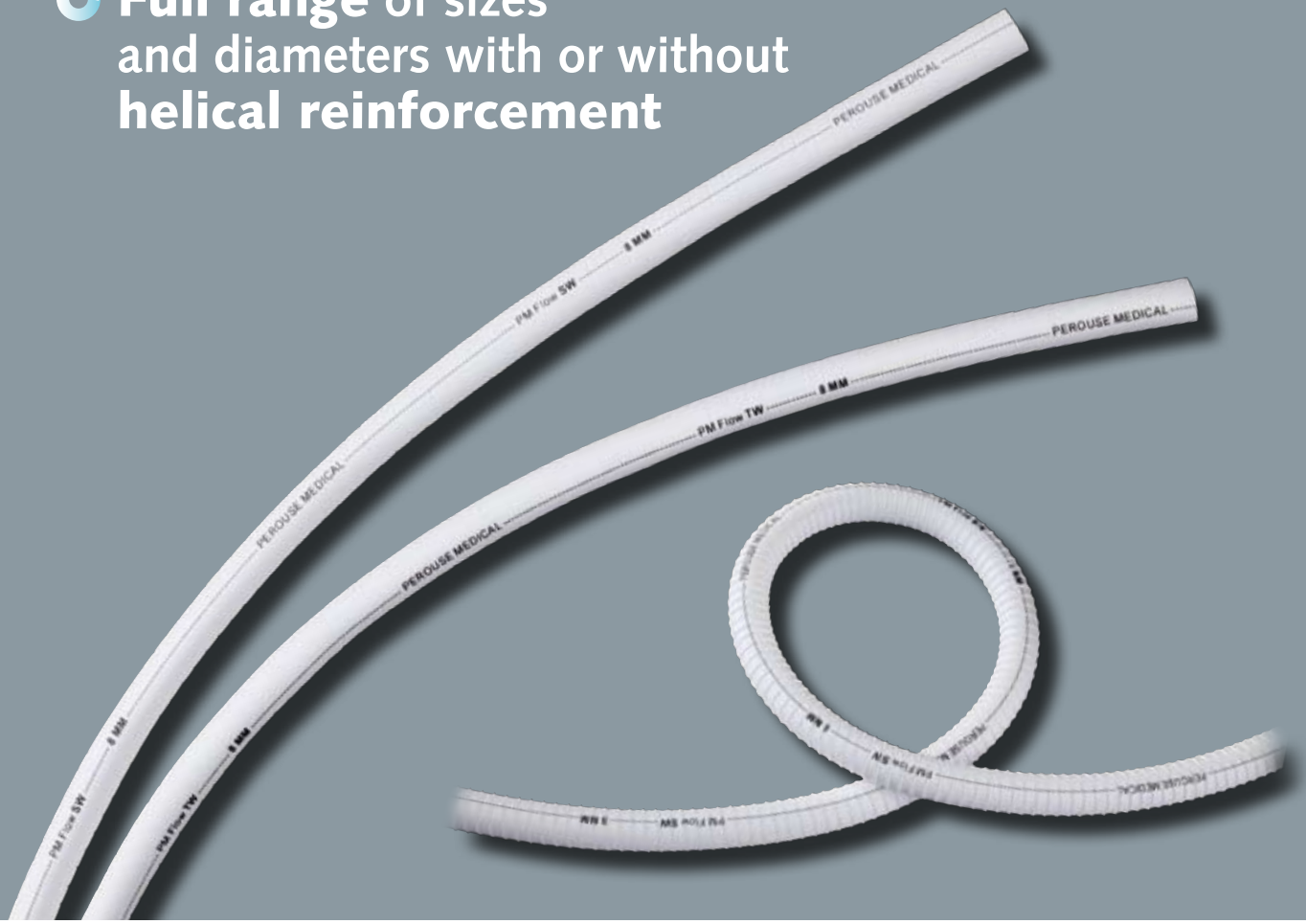
POLYMAILLE®

FLOW

ePTFE vascular prosthesis

Peripheral Bypass

- **Innovative FLOW Technology construction**
  - Optimal healing process
  - High suture resistance with reduced hole bleeding
- **Outstanding vein-like handling and host vessel conformability**
- **Full range of sizes and diameters with or without helical reinforcement**



PEROUSE MEDICAL

POLYMAILLE®

FLOW

ePTFE vascular prosthesis

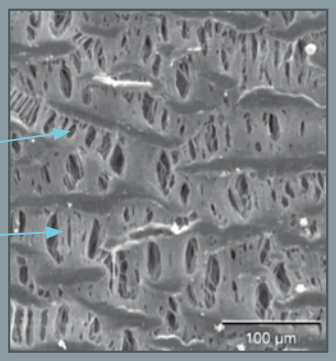
Innovative OW Technology construction

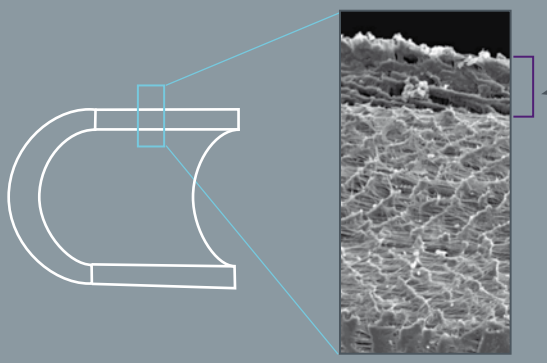
Optimized inner surface

PM FLOW inner surface porosity specifically designed for optimal healing process.

- **20 µm:** *Reduced risk of bleeding and weeping*[1]
- **60 µm:** *Enhanced neointimal formation process*[1] [2]

«The 60µm porosity PTFE appears to be the best grafts as judged by early endothelialization and late intimal stability.»[1]





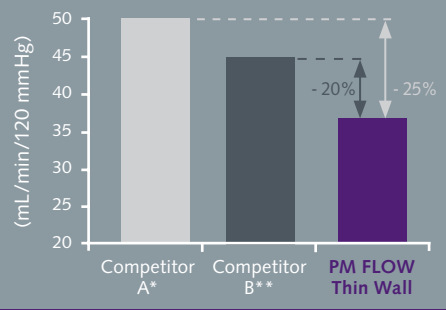
External Wrap reinforcement

Specific soft and resistant ePTFE wrap design conferring to PM FLOW vascular prosthesis:

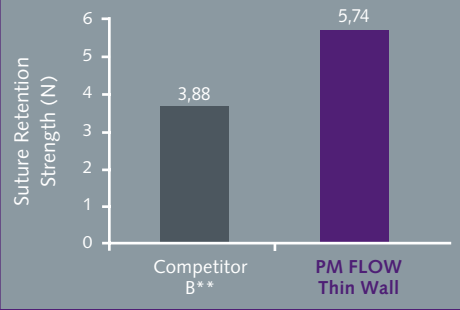
- High suture retention and radial burst strength
- Reduced suture holes bleeding
- Perfect surrounding tissues integration
- Reinforced protection against weeping

Reduced suture hole bleeding

Simulated suture hole bleeding comparative evaluation [3] [4]



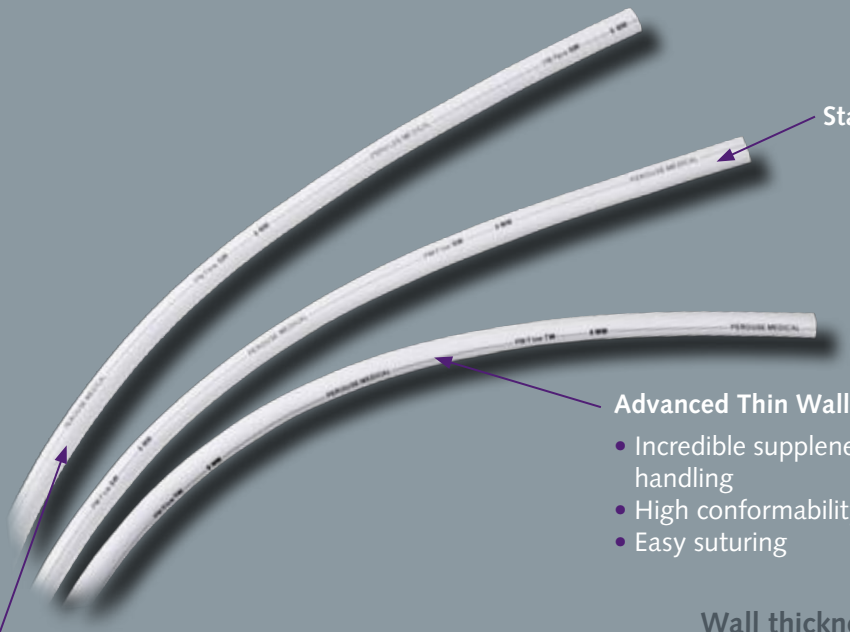
Superior suture strength [3]



Test in accordance with ISO 7198 :1998

- **25% reduced suture hole bleeding compared to competitors**
- **No weeping**
- **Higher suture retention strength**

Full range of sizes and diameters with or without helical reinforcement for your peripheral vascular reconstructions

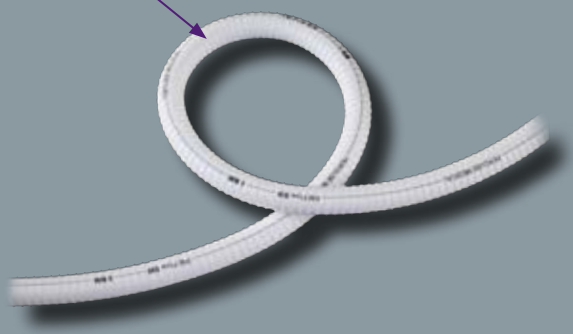


Standard Wall design

Advanced Thin Wall design :

- Incredible suppleness and vein-like handling
- High conformability to the host vessel
- Easy suturing

Spiral ePTFE reinforcement available on Standard and Thin Wall prostheses



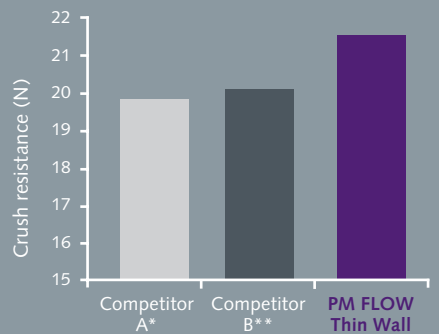
Outstanding crush resistance providing open lumen diameter along extra-anatomical bypass

Wall thickness (3)

Thin Wall competitor A	Thin Wall competitor B	Thin Wall **PM FLOW**
0,63 mm	0,62 mm	0,49 mm

Test in accordance with ISO 7198 :1998

Comparative evaluation of crush resistance of spiral reinforced prostheses (3)



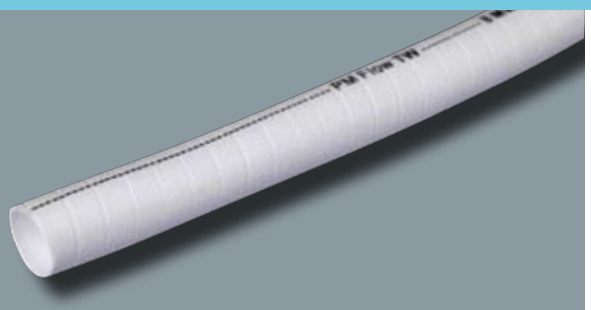
(1) T. Nagae et al, Composite porosity of expanded polytetrafluoroethylene vascular prosthesis, Cardiovascular Surgery, 1995.
(2) MA Golden et al, Healing of polytetra fluoroethylene arterial graft is influenced by graft porosity, Journal of Vascular Surgery, 1990.
(3) Data on file.
(4) Test realized on integral water permeability testing facility (ISO 7198) during 3 min after 5-0 suture loop.
** Competitor A : conventional ePTFE vascular prosthesis with external wrap. ** Competitor B : conventional ePTFE vascular prosthesis*

POLYMAILLE®

FLOW

ePTFE vascular prosthesis

Peripheral Bypass



Thin Wall

References	Wall thickness	Usable length (cm)	Diameter (mm)
PFT0620	TW	20	6
PFT0720	TW	20	7
PFT0820	TW	20	8
PFT0640	TW	40	6
PFT0740	TW	40	7
PFT0840	TW	40	8
PFT0680	TW	80	6
PFT0780	TW	80	7
PFT0880	TW	80	8

Thin Wall with helical reinforcement

References	Wall thickness	Usable length (cm)	Diameter (mm)
PFTR0640	TW	40	6
PFTR0740	TW	40	7
PFTR0840	TW	40	8
PFTR0680	TW	80	6
PFTR0780	TW	80	7
PFTR0880	TW	80	8

Standard Wall

Only on request

References	Wall thickness	Usable length (cm)	Diameter (mm)
PFS0640	SW	40	6
PFS0740	SW	40	7
PFS0840	SW	40	8

Standard Wall with helical reinforcement

Only on request

References	Wall thickness	Usable length (cm)	Diameter (mm)
PFSR0680	SW	80	6
PFSR0780	SW	80	7
PFSR0880	SW	80	8

This device is CE marked.

Culture Fab - REF DC00012/002

PEROUSE MEDICAL

Cardiovascular Division - Route du Manoir - 60173 Ivry le Temple - France
Tél: 33 (0) 3 44 08 17 00 - Fax: 33 (0) 3 44 08 17 01

www.perousemedical.com