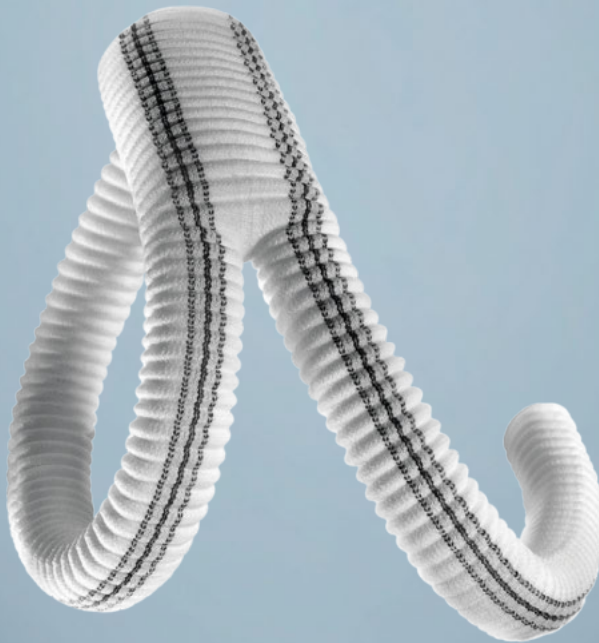


Gelsoft™ Plus

Product Brochure

The world's **ONLY** dilatation resistant, gelatin sealed, Köper knitted polyester vascular graft

- Innovative Köper knitted structure offers:
 - dramatically reduced dilatation
 - superb handling
- Unique Rifampicin ionic bonding option
- Comprehensive range includes supported designs

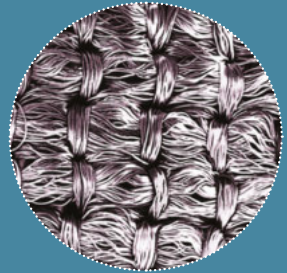


Dramatically Reduced Dilatation

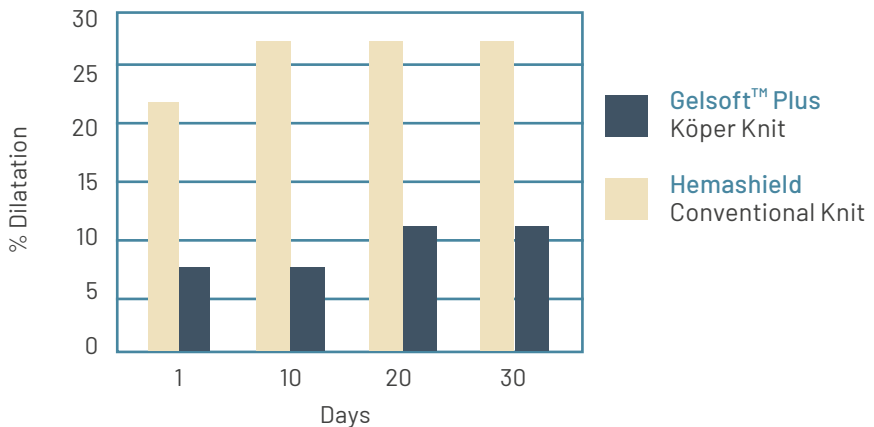
Fact

Warp knitted graft dilatation may be associated with an increased incidence of false aneurysms^{1,2,3}

Köper knitted Gelsoft™ Plus **dramatically reduces dilatation**^{4,5}



Gelsoft™ Plus exhibits dramatically reduced dilatation compared to conventional warp knitted grafts^{4,5}



Pulsed Pressure Testing
(pulses at 80 & 120mmHg,
80 beats/minute)

Unique Rifampicin Ionic Bonding Option

Fact

Prosthetic graft infection is one of the most dreaded complications of vascular surgery⁶

Gelatin impregnated grafts, when bonded to Rifampicin **minimise the possibility of graft infection and related phenomena**⁷



Rifampicin bonded grafts are,

“... significantly more resistant to bacteremic infection than are silver / collagen coated polyester grafts ...”⁸

| Graft Type | Infected Grafts |
|---|-----------------|
| Gelsoft™ Plus Gelatin Sealed | 3 / 3 |
| InterGard™ Collagen Coated | 3 / 3 |
| Gelsoft™ Plus Gelatin Sealed Rifampicin Bonded | 0 / 6 |
| InterGard Silver™ / Collagen Coated | 5 / 6* |

* P<0.01 versus gelatin sealed Rifampicin bonded grafts

Rifampicin bonding to Terumo Aortic's unique modified gelatin has CE Dossier approval⁹ and is backed by over 35 publications and 10 years' experience. Publications available on request.

Rifampicin bonding to gelatin sealed grafts not approved for use in Canada.

Innovative Equi-Flo™ with Bifurcated Flowsplitter

Fact

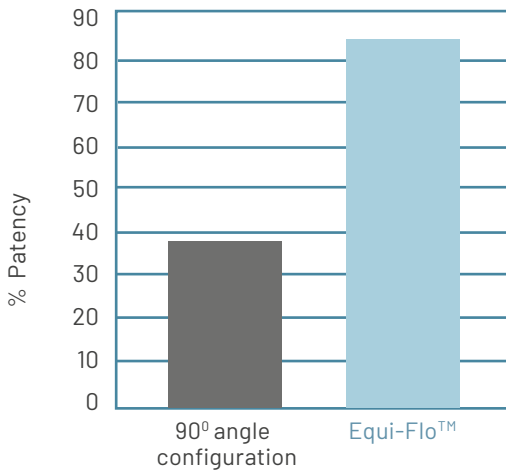
Conventional 90° angled designs provide poor long-term graft patency¹⁰

Equi-Flo™ significantly improves long-term graft patency¹⁰



Unique **Equi-Flo™** axillo-bifemoral design provides,

- Equal flow to both legs¹¹
- Significantly improved primary patency compared with 90° angled designs ($p < 0.0001$)¹⁰



Primary patency after 2 years' follow up

A full range of externally supported Straights, Femoro-Femoral and 90° angled Axillo-Bifemoral grafts are also available.

Product Ordering Information

Straights

| BORE SIZE mm | USABLE LENGTH cm | CATALOGUE NUMBER |
|-----------------|---------------------|------------------|
| 6 | 15 | 631506P |
| 6 | 30 | 633006P |
| 6 | 40 | 634006P |
| 6 | 60 | 636006P |
| 7 | 15 | 631507P |
| 7 | 30 | 633007P |
| 7 | 40 | 634007P |
| 7 | 60 | 636007P |
| 8 | 15 | 631508P |
| 8 | 30 | 633008P |
| 8 | 40 | 634008P |
| 8 | 60 | 636008P |
| 10 | 15 | 631510P |
| 10 | 30 | 633010P |
| 10 | 60 | 636010P |
| 12 | 15 | 631512P |
| 12 | 30 | 633012P |
| 12 | 60 | 636012P |
| 14 | 15 | 631514P |
| 14 | 30 | 633014P |
| 14 | 60 | 636014P |
| 16 | 15 | 631516P |
| 16 | 30 | 633016P |
| 16 | 60 | 636016P |
| 18 | 12.5 | 631218P |
| 18 | 25 | 632518P |
| 18 | 50 | 635018P |
| 20 | 12.5 | 631220P |
| 20 | 25 | 632520P |
| 20 | 50 | 635020P |
| 22 | 12.5 | 631222P |
| 22 | 25 | 632522P |
| 22 | 50 | 635022P |
| 24 | 12.5 | 631224P |
| 24 | 25 | 632524P |
| 24 | 50 | 635024P |

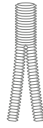
Axillo-Femoral Straights

| BORE SIZE mm | USABLE LENGTH cm | CATALOGUE NUMBER |
|-----------------|---------------------|------------------|
| 8 | 100 | 640008P |
| 10 | 100 | 640010P |

Product Ordering Information

Bifurcates

| BORE SIZE mm | USABLE LENGTH cm | CAT NO. |
|-----------------|---------------------|---------|
| 12 x 6 | 45 | 631206P |
| 14 x 7 | 45 | 631407P |
| 16 x 8 | 45 | 631608P |
| 18 x 9 | 45 | 631809P |
| 20 x 10 | 45 | 632010P |
| 22 x 11 | 45 | 632211P |
| 24 x 12 | 45 | 632412P |



ERS Equi-Flo™

axillo-bifemoral bifurcate with extended support

| BORE SIZE mm | USABLE LENGTH cm | SUPPORTED LENGTH cm | CAT NO. |
|-----------------|---------------------|------------------------|----------|
| 8x7 | 90x40 | 32x25x7 | 690807AP |
| 10x8 | 90x40 | 35x25x7 | 691008AP |



ERS Straights

(peelable support)

| BORE SIZE mm | USABLE LENGTH cm | SUPPORTED LENGTH cm | CAT NO. |
|-----------------|---------------------|------------------------|---------|
| 6 | 75 | 60 | 670006P |
| 8 | 75 | 60 | 670008P |
| 8 | 100 | 85 | 680008P |
| 10 | 75 | 60 | 670010P |
| 10 | 100 | 85 | 680010P |



ERS Axillo-Bifemorals

90o angle with 60cm branch

| BORE SIZE mm | USABLE LENGTH cm | SUPPORTED LENGTH cm | CAT NO. |
|-----------------|---------------------|------------------------|---------|
| 8x8 | 100x60 | 40 | 690808P |
| 10x10 | 100x60 | 40 | 691010P |



ERS Femoro-Femorals

| BORE SIZE mm | USABLE LENGTH cm | SUPPORTED LENGTH cm | CAT NO. |
|-----------------|---------------------|------------------------|---------|
| 6 | 30 | 10 | 673006P |
| 8 | 30 | 10 | 673008P |
| 6 | 40 | 20 | 674006P |
| 8 | 40 | 20 | 674008P |



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4. Walker D *et al.* **Novel structure for a polyester vascular prosthesis with improved mechanical properties.** *Society for Biomaterials* March 1995
5. Goëau-Brissonnière O *et al.* **Can knitting structure affect dilation of polyester bifurcated prostheses? A randomized study with the use of helical computed tomographic scanning.** *J Vasc Surg* 2000 31 157-163
6. Hayes PD *et al.* **In situ replacement of infected aortic grafts with Rifampicin-bonded prostheses: the Leicester experience (1992 to 1998).** *J Vasc Surg* 1999 30 92-98
7. Vicaretti M *et al.* **An increased concentration of Rifampicin bonded to gelatin-sealed Dacron reduces the incidence of subsequent graft infections following a staphylococcal challenge.** *Cardiovasc Surg* 1998 6 268-273
8. 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 1260-1263
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11. How TV *et al.* **Assessment of pressure drop flowrate relationship of axillobifemoral bypass grafts.** *Proceedings of the Institute of Mechanical Engineers* 1991 205 243-249

Product availability subject to regulatory approval.

The logo for Terumo Aortic, featuring a stylized white swoosh above the word "TERUMO" in a bold, sans-serif font, with "Aortic" in a larger, bold, sans-serif font below it.

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