

Gelsoft™ Plus

TERUMO
Aortic

Gelsoft Plus is a dilatation resistant, gelatin sealed, Köper knitted polyester vascular graft ¹



Innovative Köper knitted structure offers:

- dramatically reduced dilatation ^{1,2}
- good handling and fray resistance ²

Rifampicin ionic bonding option

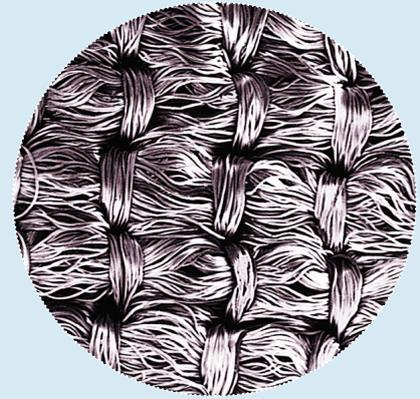
Comprehensive range of straight and bifurcate grafts

Dramatically Reduced Dilatation ²

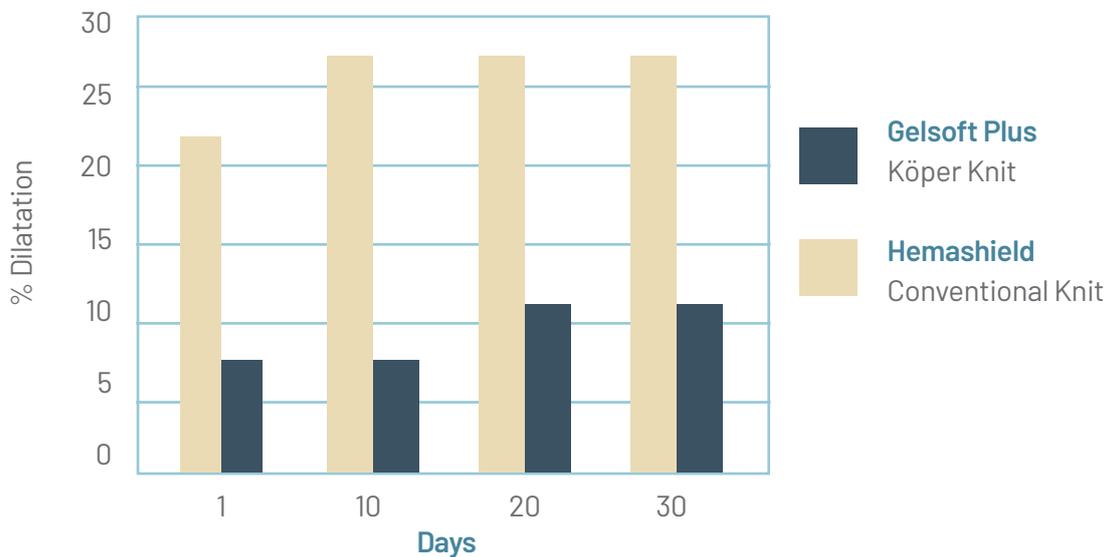
Fact

Warp knitted graft dilatation may be associated with an increased incidence of false aneurysms ^{3,4}

Köper knitted Gelsoft Plus dramatically reduces dilatation ^{1,2}



Gelsoft Plus exhibits dramatically reduced dilatation compared to conventional warp knitted grafts ^{1,2}



Pulsed Pressure Testing ²
(pulses at 80 & 120mmHg,
80 beats/minute)

Rifampicin Ionic Bonding Option

Fact

Prosthetic graft infection is one of the most dreaded complications of vascular surgery⁵

Gelatin impregnated grafts, when bonded to Rifampicin **minimise the possibility of graft infection and related phenomena**⁶



Rifampicin bonded grafts are:

“ ... significantly more resistant to bacteremic infection than are silver / collagen coated polyester grafts ... ”⁷

Rifampicin bonding to gelatin sealed grafts is subject to local regulatory approval, per the approved Instructions for Use.

Product Ordering Information

Straights

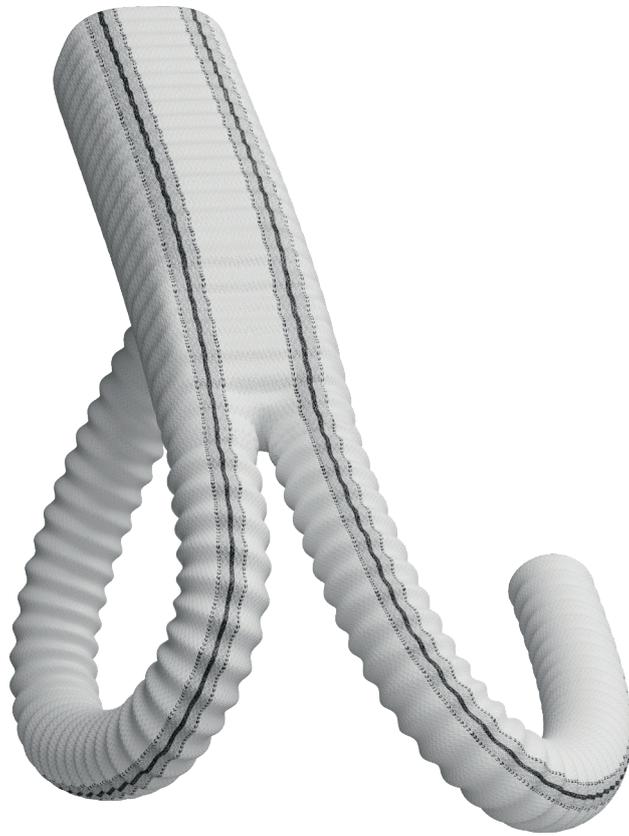
Bore Size (mm)	Usable Length (cm)	Catalogue Number
6	15	631506P
6	30	633006P
6	40	634006P
6	60	636006P
7	15	631507P
7	30	633007P
7	40	634007P
7	60	636007P
8	15	631508P
8	30	633008P
8	40	634008P
8	60	636008P
10	15	631510P
10	30	633010P
10	60	636010P
12	15	631512P
12	30	633012P
12	60	636012P
14	15	631514P
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
18	60	636018P
20	12.5	631220P
20	25	632520P
20	50	635020P
20	60	636020P
22	12.5	631222P
22	25	632522P
22	50	635022P
22	60	636022P
24	12.5	631224P
24	25	632524P
24	50	635024P
24	60	636024P

Bifurcates

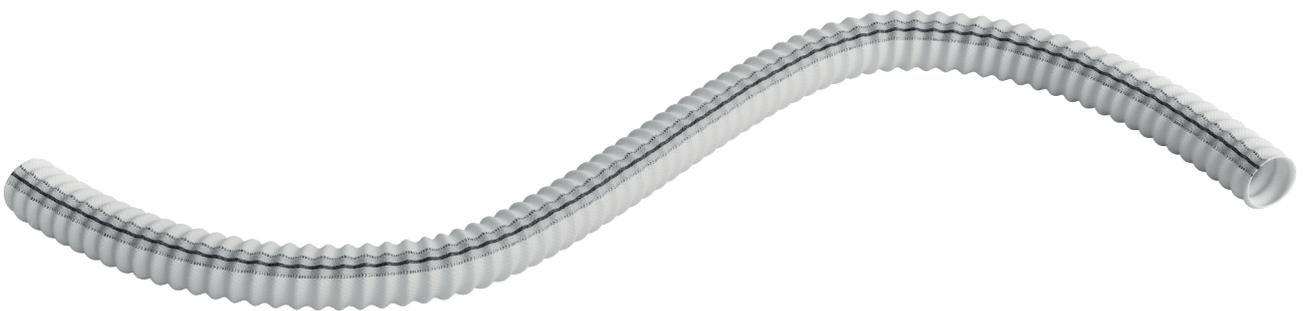
Main Bore Size (mm)	Leg Bore Size (mm)	Usable Length (cm)	Catalogue Number
12	6	45	631206P
14	7	45	631407P
16	8	45	631608P
18	9	45	631809P
20	10	45	632010P
22	11	45	632211P
24	12	45	632412P
12	6	50	631206P50
14	7	50	631407P50
16	8	50	631608P50
18	9	50	631809P50
20	10	50	632010P50
22	11	50	632211P50
24	12	50	632412P50

References

1. Goëau-Brissonnière *et al.* (2000). Can knitting structure affect dilation of polyester bifurcated prostheses? A randomized study with the use of helical computed tomographic scanning. *Journal of Vascular Surgery*. 31: 157-163.
2. Walker *et al.* (1995). Novel structure for a polyester vascular prosthesis with improved mechanical properties. *Society for Biomaterials*. 84.
3. Clagett *et al.* (1983). Dilation of knitted Dacron aortic prostheses and anastomotic false aneurysms: etiologic considerations. *Surgery*. 93:9-16.
4. Nunn *et al.* (1990). Postoperative dilation of Dacron knitted aortic grafts. *Journal of Vascular Surgery*. 12: 291-297.
5. Hayes *et al.* (1999). In situ replacement of infected aortic grafts with Rifampicin-bonded prostheses: the Leicester experience (1992 to 1998). *Journal of Vascular Surgery*. 30: 92-98.
6. Vicaretti *et al.* (1998). An increased concentration of Rifampicin bonded to gelatin-sealed Dacron reduces the incidence of subsequent graft infections following a staphylococcal challenge. *The Journal of Cardiovascular Surgery*. 6: 268-273.
7. Goëau-Brissonnière *et al.* (2002). Comparison of the resistance to infection of Rifampin-bonded gelatin-sealed and silver / collagen-coated polyester prostheses. *Journal of Vascular Surgery*. 35: 1260-1263.



Gelsoft Plus - Bifurcate



Gelsoft Plus - Straight



At Terumo Aortic, we are 100% focused on
addressing every segment of the aorta,
from the aortic root to the iliacs.

terumoaortic.com

Discover solutions for every segment of the aorta

Visit our website for more information on use, indications, contraindications, warnings/precautions and availability within your market.

Product availability subject to local regulatory approval.

 Manufactured by: Vascutek Ltd, Newmains Avenue, Inchinnan, Renfrewshire, PA4 9RR, United Kingdom

ALL 0279-A Jun23 • PM-07037

 **TERUMO**
Aortic