

Instructions for use

The HARTMANN 4-Layer compression bandaging system, **Veno 4**, consists of four latex free bandages that, when applied correctly, provide compression for up to seven days.

Veno 4 is especially suitable for patients with ankle circumferences of between 18 – 25 cm. Prior to the application of Veno 4, it is necessary to control ankle circumferences carefully, as for patients with smaller ankles the achieved pressure may be too high. For patients with larger ankle circumferences the pressure obtained by the bandage system may be too low for treatment of CVI and related diseases.

The **Veno 4** 4-layer compression bandaging system is a suitable option for most patients with venous disease, but all patients require a thorough assessment by a trained practitioner.

For the management of venous leg ulcers, use a suitable wound contact layer.

Indications:

HARTMANN's 4-layer compression bandaging kit "**Veno 4**" is used to manage chronic venous insufficiency and related conditions.

Contra-indications:

Do not use this bandaging system if the patient's ankle brachial pressure Index (ABPI) is less than 0.8 or if, following an holistic assessment of the patient, arterial disease is suspected. Veno 4 should not be used on diabetic patients and on patients with decompensated heart insufficiency.

Contents:

Layer No. 1, **padding bandage**, absorbs exudate and redistributes pressure around the bony prominence of the ankle. Layer No. 2, **cotton crepe bandage**, smoothes the padding bandage. Layer No. 3, **latex free light elastic compression bandage**, conforms to the leg contours. Lastly, Layer No. 4, **latex free cohesive bandage**, adds to the compression effect and helps keep the bandages in place for up to a maximum of seven days.

For Ankle Circumferences 18 – 25 cm, Art. No. 931 680/0

Layer No. 1	natural padding bandage	1 bandage 10 cm x 3.5 m (unstretched)
Layer No. 2	cotton crepe bandage	1 bandage 10 cm x 4.5 m (stretched)
Layer No. 3	latex free light elastic compression bandage	1 bandage 10 cm x 8.7 m (stretched)
Layer No. 4	latex free cohesive support bandage	1 bandage 10 cm x 6.0 m (stretched)

Sterilisation:

All bandages are non sterile – if necessary, Layer No. 1, Layer No. 2 and Layer No. 3 can be sterilized in the autoclave at maximum 121 °C for 20 minutes. All packaging material must be removed before sterilization.

Application:

Before applying the first bandage:

- Check the ABPI to determine if arterial disease is present. If ABPI is less than 0.8 do not proceed;
- Apply an appropriate wound contact layer in case of UCV to cover damaged skin or open wounds.
- Re-asses the circumferences after the initial treatment, as it may have changed due to oedema reduction.

Natural Padding Bandage, Layer No. 1

In a spiral fashion, apply the bandage without tension from the base of the toes up to the knee with 50 % overlap. If the ankle circumference is less than 18 cm, two or more padding layers should be applied to increase to 18 cm.

Cotton Crepe Bandage, Layer No. 2

Use the same bandaging technique as for Layer No. 1. During application, overlap each layer of the bandage by 50 %.

Latex free light elastic compression bandage, Layer No. 3

Apply the bandage from the base of the toes in a figure of 8 technique to just below the knee. Use the yellow line as a guide to determine one half the width of the bandage. While wrapping, stretch the bandage to 50 % of its maximum extensibility. At the base of the knee, cut off any excess bandage and secure the end with tape.

Latex free Cohesive Bandage, Layer No. 4

Unwind appr. 30 cm (12 inches) of the bandage from the roll and allow the wrap to relax. Apply one full wrap at the base of the toes and press overlapped area lightly. Following the same method continue wrapping of the bandage in a spiral manner from the base of the toes to just below the knee, however to apply tension stretch the bandage to 50% of its maximum extensibility. Overlap each layer by half the width. At the base of knee, cut off any excess bandage.

All components are latex free.

Caution:

- During therapy with **Veno 4** bathing/showering should be avoided.
- While using this product, if numbness or pain in the toes or foot occurs or if the bandages become uncomfortable or irritating, seek immediate medical attention
- Failure to detect reduced arterial flow can result in pressure necrosis, amputation or even death
- The risk of a patient having arterial as well as venous disease increases with age

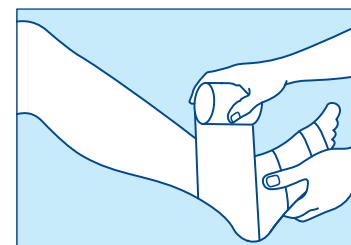
Store at room temperature (max. 30 °C) and in a dry place.

For further information please contact your local HARTMANN representative or sales partner.

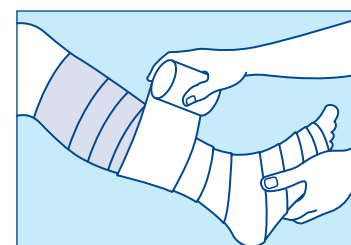
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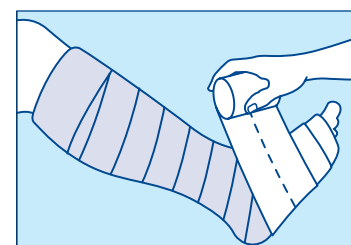
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Application

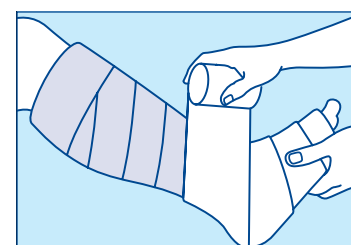
Layer No. 1



Layer No. 2



Layer No. 3



Layer No. 4



4-Layer Compression Bandaging System Kit
for ankle circumferences of 18 – 25 cm
Mehrschichtiges Druckverbandssystem für einen
Fußknöchelumfang von 18 – 25 cm

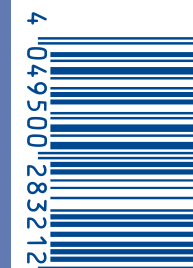
Veno 4



No. 931 680

This trademark is registered in Great Britain

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Made in Germany