Varimed Medical San. Ve Tic. Ltd. Şti. was established with the aim of medical supplies trade in 1999. Since its operations began, Varimed imports and sells medical gloves under its own brand names. Our company, always aiming costumer satisfaction, has decided to enter manufacturing of Compression Stockings, Anti-Embolism Stockings, Elastic Braces and Lymphoedema Armsleeves in 2008. For this purpose, considering recent technological developments, our modern plant has been set up to meet the requirements of Medical Device Directives and ISO 13485 Quality Management Systems in 3600 m² building in İstanbul-Bayrampaşa and our plant has got in to full swing in 2010. Our company with its well established manufacturing facility has become capable to compete with the world’s leading companies through its quality and capacity. All stages of manufacture starting from the raw material input to the product output are controlled with the excellent quality control system in order to provide users the products as flawless and better products considering the patient safety with its continous R&D work. Today, we are very proud and pleased to present, the highest quality products with the best prices to our valuable costumers.

Dr. M. Volkan Öztürkatalay
FEATURES

Varimed® Compression Stockings are designed for users with knowledge and experience of many years by experts in order to obtain maximum comfort and benefit according to “DD ENV 12718 Medical Compression Stockings” standard. For this purpose, our measurement system is developed as much nearly made to measure compression stockings which are easily adapt to leg. Having double-covered yarn enables an excellent elasticity, long time use, easily wearing and removing the stockings and perfectly wrapping the legs. Allergic effects on the skin have been decreased in minimum since our all raw materials are having Oeko-Tex certificate. The silicone topband used on thigh length compression stocking prevents sliding the stocking from the legs and does not distort the compression profile. 9000 Serie Compression Stockings are Classical Serie of Varimed and they are ideal for especially long time compression stocking users for daily use. 8000 Serie Compression Stockings are Cotton Serie of Varimed. They are ideal for the users who have sensitive skin and like natural usage thanks to containing the %100 cotton material on the skin. Varimed® Compression Stockings’ classification of compression is defined by pressure produced by stockings, measured at the ankle. Varimed® Compression Stockings have graduated profile with maximum compression at the ankle, decreasing towards the thigh.

INDICATIONS

Light (18 – 21 mmHg) Compression Stockings:
- For prevention of venous disease,
- For slight varicosis without oedema and for early varicosis in pregnancy,
- The diseases such as diabetes and rheumatism which lead to venous weakness and loss of elasticity,
- For treatment after vein operations,

Medium (23 – 32 mmHg) Compression Stockings:
- For pronounced varicosis with a tendency to oedema,
- For post-traumatic swelling,
- For recovery period of simple ulcers,
- For superficial thrombophlebitis,
- For treatment after vein operations and scleroteraphy,
- For pronounced varicosis in pregnancy,

Strong (34 – 46 mmHg) Compression Stockings:
- For severe conditional and post-thrombotic venous insufficiency,
- For pronounced varicosis with oedema,
- For secondary varicosis,
- For dermatosclerosis,
- For recovery period of serious and recurrent ulcers (after healing of ulcer),

Extra Strong (over 49 mmHg ) Compression Stockings:
- For lymphoedema,
- For elephantiasis,

CONTRAINDICATIONS:

Absolute Contraindications:
- Progressive periphery arterial congestion disease,
- Decompensated heart diseases,
- Septic phlebitis,
- Phlegmasia coerulea dolens,

Relative Contraindications:
- Wetting dermatosis,
- Incompability to compression stocking fabric,
- Sensibilty disturbances of the limb,
- Progressive periphery neuropathy,
The veins return blood to the heart from all the organs of the body. The main problems of the veins include inflammation, clotting and defects that lead to distension and varicose veins.

The legs contain two major groups of veins: the superficial veins, located in the fatty layer under the skin and the deep veins, located in the muscles. Short veins connect the superficial and deep veins. Blood pressure in all veins is normally low and in the leg veins, low pressure can pose a problem. Blood has to flow from the leg veins upward to reach the heart when a person is standing. The deep veins play a major role in propelling blood upward. Located within the powerful calf muscles, these veins are forcefully compressed with every step.

Varicose veins are enlarged superficial veins in the legs. The precise cause of varicose veins is not known but it is probably a weakness in the walls of the superficial veins. This weakness may be inherited. Overtime, the weakness causes the veins to lose their elasticity.

The deep veins contain one-way valves to keep the blood flowing up, not down. When valves become incompetent the cycle of unidirectional blood flow is interrupted and backflow of blood occurs. This is most significant when the backflow blood occurs between the deep and superficial veins, as the increased pressure in the superficial veins will cause further valve incompetence. This is because the valve cusps no longer meet as a result of the stretching of veins. The overall effect of this increased superficial hydrostatic pressure is the formation of tortous varicose veins. If this increased hydrostatic pressure is not treated it leads to chronic venous insufficiency which in turn result in oedema, lipodermatosclerotic changes, varicose eczema and ulceration.

External compression applies controlled pressure to the skin. This then supports the superficial venous system, helping to reduce the increased hydrostatic pressure and redress the balance between the deep and superficial veins. This helps in reducing oedema and aiding venous return.

Unlike compression bandaging with its high working pressure, medical compression stockings exert a resting pressure. The daily build-up of pressure is controlled by the limited ability of the hosiery to stretch, so incompetent venous valves are approximated, venous return is accelerated, the fibrinolytic activity of the venous wall is increased and the risk of thrombosis reduced.

Medical compression stockings exert an external pressure which is greater at ankle and reduces at the calf and thigh, thus increasing blood velocity within the deep venous system. How much pressure to apply is recognised that the amount of pressure required is dependent on the severity of the condition. Severe venous hypertension is associated with oedema, eczema, skin pigmentation, induration and ulceration. It can be seen that the management of these conditions will require a higher level of compression than conditions such as mild varicose veins and oedema.
KNEE LENGTH MEDICAL COMPRESSION STOCKINGS

Knee Length Medical Compression Stocking with Closed Toe

Knee Length Medical Compression Stocking with Open Toe
THIGH LENGTH MEDICAL COMPRESSION STOCKINGS

Silicone Topband
Which Prevents
Sliding the
Stocking From
The Leg

Thigh Length
Medical Compression
Stocking with
Closed Toe

Thigh Length Medical
Compression Stocking
with Open Toe
PANTY HOSE COMPRESSION STOCKINGS

Panty Hose
Medical Compression Stocking with Closed Toe

Panty Hose
Medical Compression Stocking with Open Toe

Maternity Panty Hose
Medical Compression Stocking
PRODUCT TYPES AND SIZES OF 9000 SERIE MEDICAL COMPRESSION STOCKINGS

<table>
<thead>
<tr>
<th>COMPRESSION CLASS</th>
<th>AD</th>
<th>AG</th>
<th>AT</th>
<th>ATU</th>
<th>OPEN</th>
<th>CLOSED</th>
<th>SHORT</th>
<th>NORMAL</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
</tr>
</thead>
<tbody>
<tr>
<td>I (18 – 21 mmHg)</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>II (23 – 32 mmHg)</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>III (34-46 mmHg)</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>IV (over 49 mm Hg)</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
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<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
</tbody>
</table>

AD: KNEE LENGTH COMPRESSION STOCKINGS
AG: THIGH LENGTH COMPRESSION STOCKINGS
AT: PANTY HOSE COMPRESSION STOCKINGS
ATU: MATERNITY PANTY HOSE COMPRESSION STOCKINGS

CODES AND DESCRIPTIONS OF THE PRODUCTS

Ccl I LIGHT COMPRESSION STOCKINGS (18 – 21 mmHg)

<table>
<thead>
<tr>
<th>CODE</th>
<th>PRODUCT</th>
</tr>
</thead>
<tbody>
<tr>
<td>9111</td>
<td>Light Compression Knee Length (AD) Closed Toe Stocking</td>
</tr>
<tr>
<td>9131</td>
<td>Light Compression Thigh Length (AG) Closed Toe Stocking</td>
</tr>
<tr>
<td>9141</td>
<td>Light Compression Panty Hose (AT) Closed Toe Stocking</td>
</tr>
<tr>
<td>9151</td>
<td>Light Compression Maternity Panty Hose (ATU) Stocking</td>
</tr>
<tr>
<td>9110</td>
<td>Light Compression Knee Length (AD) Open Toe Stocking</td>
</tr>
<tr>
<td>9130</td>
<td>Light Compression Thigh Length (AG) Open Toe Stocking</td>
</tr>
<tr>
<td>9140</td>
<td>Light Compression Panty Hose (AT) Open Toe Stocking</td>
</tr>
</tbody>
</table>

Ccl II MEDIUM COMPRESSION STOCKINGS (23 – 32 mmHg)

<table>
<thead>
<tr>
<th>CODE</th>
<th>PRODUCT</th>
</tr>
</thead>
<tbody>
<tr>
<td>9211</td>
<td>Medium Compression Knee Length (AD) Closed Toe Stocking</td>
</tr>
<tr>
<td>9231</td>
<td>Medium Compression Thigh Length (AG) Closed Toe Stocking</td>
</tr>
<tr>
<td>9241</td>
<td>Medium Compression Panty Hose (AT) Closed Toe Stocking</td>
</tr>
<tr>
<td>9251</td>
<td>Medium Compression Maternity Panty Hose (ATU) Stocking</td>
</tr>
<tr>
<td>9210</td>
<td>Medium Compression Knee Length (AD) Open Toe Stocking</td>
</tr>
<tr>
<td>9230</td>
<td>Medium Compression Thigh Length (AG) Open Toe Stocking</td>
</tr>
<tr>
<td>9240</td>
<td>Medium Compression Panty Hose (AT) Open Toe Stocking</td>
</tr>
</tbody>
</table>

Ccl III STRONG COMPRESSION STOCKINGS (34-46 mmHg)

<table>
<thead>
<tr>
<th>CODE</th>
<th>PRODUCT</th>
</tr>
</thead>
<tbody>
<tr>
<td>9310</td>
<td>Strong Compression Knee Length (AD) Open Toe Stocking</td>
</tr>
<tr>
<td>9330</td>
<td>Strong Compression Thigh Length (AG) Open Toe Stocking</td>
</tr>
<tr>
<td>9340</td>
<td>Strong Compression Panty Hose (AT) Open Toe Stocking</td>
</tr>
</tbody>
</table>

Ccl IV EXTRA STRONG COMPRESSION STOCKINGS (over 49 mm Hg)

<table>
<thead>
<tr>
<th>CODE</th>
<th>PRODUCT</th>
</tr>
</thead>
<tbody>
<tr>
<td>9410</td>
<td>Extra strong Compression Knee Length (AD) Open Toe Stocking</td>
</tr>
<tr>
<td>9430</td>
<td>Extra strong Compression Thigh Length (AG) Open Toe Stocking</td>
</tr>
</tbody>
</table>

SIZE TABLE

<table>
<thead>
<tr>
<th>Leg Circumference</th>
<th>Size (cm)</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
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<tr>
<td>CB</td>
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<td>20-22</td>
<td>22-24</td>
<td>24-26</td>
<td>26-28</td>
<td>28-30</td>
<td>30-32</td>
</tr>
<tr>
<td>CB1</td>
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<td>22-26</td>
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<td>31-38</td>
<td>33-39</td>
<td>35-40</td>
</tr>
<tr>
<td>CD</td>
<td></td>
<td>30-37</td>
<td>32-39</td>
<td>34-42</td>
<td>36-44</td>
<td>38-45</td>
<td>40-47</td>
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<td>41-50</td>
<td>43-52</td>
<td>45-54</td>
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<tr>
<td>CG</td>
<td></td>
<td>34-41</td>
<td>36-43</td>
<td>39-47</td>
<td>41-50</td>
<td>43-52</td>
<td>45-54</td>
<td></td>
</tr>
</tbody>
</table>

Choosing the Size:

Two measurements are sufficient to choose the exact size: the ankle circumference (CB) and height of the leg (CD) is for knee-length stockings; CD is for mid-thigh length stockings, CE is for thigh length and pantyhose stockings). The other leg circumference measurements confirm the selected stocking size. Compare the measurements with those in size table. Do not use the stocking in case of patient's whole leg measurements do not correspond the size table.
## STOCKING TYPE FOOT LENGTH SIZE

<table>
<thead>
<tr>
<th>COMPRESSION CLASS</th>
<th>FOOT</th>
<th>LENGTH</th>
<th>SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>I (18 - 21 mmHg)</td>
<td>AD</td>
<td>OPEN</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>AG</td>
<td>CLOSED</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>AT</td>
<td>NORMAL</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ATU</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>II (23 - 32 mmHg)</td>
<td>AD</td>
<td>OPEN</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>AG</td>
<td>CLOSED</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>AT</td>
<td>NORMAL</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ATU</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>III (34 - 46 mmHg)</td>
<td>AD</td>
<td>OPEN</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>AG</td>
<td>CLOSED</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>AT</td>
<td>NORMAL</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ATU</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

### CODES AND DESCRIPTIONS OF THE PRODUCTS

**Ccl I LIGHT COMPRESSION STOCKINGS WITH COTTON (18 - 21 mmHg)**

<table>
<thead>
<tr>
<th>CODE</th>
<th>PRODUCT</th>
</tr>
</thead>
<tbody>
<tr>
<td>8111</td>
<td>Light Compression Knee Length (AD) Closed Toe Stocking With Cotton</td>
</tr>
<tr>
<td>8131</td>
<td>Light Compression Thigh Length (AG) Closed Toe Stocking With Cotton</td>
</tr>
<tr>
<td>8141</td>
<td>Light Compression Panty Hose (AT) Closed Toe Stocking With Cotton</td>
</tr>
<tr>
<td>8151</td>
<td>Light Compression Maternity Panty Hose (ATU) Stocking With Cotton</td>
</tr>
<tr>
<td>8110</td>
<td>Light Compression Knee Length (AD) Open Toe Stocking With Cotton</td>
</tr>
<tr>
<td>8130</td>
<td>Light Compression Thigh Length (AG) Open Toe Stocking With Cotton</td>
</tr>
<tr>
<td>8140</td>
<td>Light Compression Panty Hose (AT) Open Toe Stocking With Cotton</td>
</tr>
</tbody>
</table>

**Ccl II MEDIUM COMPRESSION STOCKINGS WITH COTTON (23 - 32 mmHg)**

<table>
<thead>
<tr>
<th>CODE</th>
<th>PRODUCT</th>
</tr>
</thead>
<tbody>
<tr>
<td>8211</td>
<td>Medium Compression Knee Length (AD) Closed Toe Stocking With Cotton</td>
</tr>
<tr>
<td>8231</td>
<td>Medium Compression Thigh Length (AG) Closed Toe Stocking With Cotton</td>
</tr>
<tr>
<td>8241</td>
<td>Medium Compression Panty Hose (AT) Closed Toe Stocking With Cotton</td>
</tr>
<tr>
<td>8251</td>
<td>Medium Compression Maternity Panty Hose (ATU) Stocking With Cotton</td>
</tr>
<tr>
<td>8210</td>
<td>Medium Compression Knee Length (AD) Open Toe Stocking With Cotton</td>
</tr>
<tr>
<td>8230</td>
<td>Medium Compression Thigh Length (AG) Open Toe Stocking With Cotton</td>
</tr>
<tr>
<td>8240</td>
<td>Medium Compression Panty Hose (AT) Open Toe Stocking With Cotton</td>
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**Ccl III STRONG COMPRESSION STOCKINGS WITH COTTON (34 - 46 mmHg)**

<table>
<thead>
<tr>
<th>CODE</th>
<th>PRODUCT</th>
</tr>
</thead>
<tbody>
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<td>8310</td>
<td>Strong Compression Knee Length (AD) Open Toe Stocking With Cotton</td>
</tr>
<tr>
<td>8330</td>
<td>Strong Compression Thigh Length (AG) Open Toe Stocking With Cotton</td>
</tr>
<tr>
<td>8340</td>
<td>Strong Compression Panty Hose (AT) Open Toe Stocking With Cotton</td>
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</tbody>
</table>

### SIZE TABLE

<table>
<thead>
<tr>
<th>Leg Circumference</th>
<th>Size (cm)</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
</tr>
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<tbody>
<tr>
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<td>30-32</td>
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<td>29-36</td>
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</tr>
<tr>
<td>cE</td>
<td></td>
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<td>52-72</td>
<td>55-76</td>
<td>60-79</td>
<td>64-80</td>
</tr>
</tbody>
</table>

**Choosing the Size:**

Two measurements are sufficient to choose the exact size: the ankle circumference (cB) and height of the leg (cG) is for knee-length stockings, cD is for mid-thigh length stockings, cE is for thigh length and pantyhose stockings. The other leg circumference measurements confirm the selected stocking size. Compare the measurements with those in size table. Do not use the stocking in case of patient’s whole leg measurements do not correspond the size table.
FEATURES

Varimed® Anti-Embolism Stockings are designed for patients in order to obtain maximum comfort and benefit according to “DD ENV 12719 Medical Thrombosis Prophylaxis Hosiery” standard. Anti-Embolism Stocking which are produced as knee-length, thigh length and thigh length with waist belt types, has a measurement system that encloses wide measurement range. Also, different colours are given to the heel region of each size of stockings to provide easy separation. Stocking has an inspection hole which controls the blood circulation under the foot fingers. Thigh length anti-embolism stocking has silicone topband which prevents the stocking from sliding and not distorts the compression profile. Also, elastic waist belt that easily adjustable according to your waist and an elastic tape which doesn’t chafe the leg with excellent elasticity and softness is used during the sewing of thigh length with waist belt anti-embolism stocking. Allergic effects on the skin have been decreased in minimum since our all raw materials are having Oeko-Tex certificate. Varimed® Anti-Embolism Stockings have graduated profile with maximum compression at the ankle, decreasing towards the thigh.

INDICATIONS

- Prophylaxis against deep venous thrombosis in medical and surgical patients.
- Increases the blood flow velocity by providing graduated compression.
- Improve blood flood of other venous disorders, such as chronic venous stasis.

CONTRAINDICATIONS

- Leg conditions that may be exacerbated by stockings include:
  - Cellulitis,
  - Dermatitis,
  - Gangrene,
  - Fasciitis,
  - Recent skin grafting,
  - Panniculitis,
- Severe arteriosclerosis or other ischemic vascular disease.
- Massive edema of legs or pulmonary edema from congestive heart failure.
- Extreme deformity of leg.
Deep vein thrombosis is blood clotting in the deep veins. A clot that forms in a blood vessel is called a thrombus. Although thrombi can occur in either the superficial or deep leg veins, only those in the deep veins are potentially dangerous. Deep vein thrombosis is dangerous because all or part of the thrombus can break loose, float along in the bloodstream and lodge in a narrow artery in the lung, obstructing blood flow. A moving thrombus is called an embolus.

Deep vein thrombosis shouldn’t be confused with phlebitis in varicose veins which is painful but comparatively harmless.

Three factors can contribute to deep vein thrombosis: injury to the lining of the vein; an increased tendency for blood to clot, as can happen with some cancers and rarely with oral contraceptive use; and slowing of the blood flow in the veins, as happens during prolonged bed rest because the calf muscles aren’t contracting and squeezing the blood toward the heart. For example, deep vein thrombosis can occur in the heart attack patients who lie in hospital beds for several days with little leg movement or in paraplegics who sit for long periods and whose muscles don’t function. Injury or major surgery also can increase the tendency for blood to clot. Thrombosis can even occur in healthy people who sit for long periods, for instance, during lengthy drives or plane flights.

About half the people with deep vein thrombosis have no symptoms at all. In these people, chest pain caused by pulmonary embolism may be the first indication that something is wrong. When deep vein thrombosis causes substantial inflammation and blood flow obstruction, the calf swells and may be painful, tender to the touch and warm. The ankle, foot or thigh may also swell, depending on which veins are involved.

Some thrombi heal by being converted to scar tissue which may damage the valves in the veins. The resulting accumulation of fluid (edema) can make the ankle swell. The edema can extend up the leg and even affect the thigh, if the obstruction is high enough in the vein. Edema is worse toward the end of the day because of the effect of gravity when standing or sitting. Overnight the edema subsides because the veins empty well when the legs are horizontal.

Although the risk of deep vein thrombosis can’t be entirely eliminated, it can be reduced in several ways.

One of the these ways is wearing anti-embolism stockings continuously makes the veins narrow slightly and the blood flow more rapidly, making clotting less likely. They exert an external pressure which is greater at ankle and reduces at the calf and thigh, this increasing blood velocity within the deep venous system.
KNEE LENGTH ANTI-EMBOLISM STOCKINGS

Knee Length Anti-Embollism Stocking

Silicone Topband Which Prevents Sliding the Stocking From The Leg

THIGH LENGTH ANTI-EMBOLISM STOCKING

Thigh Length Anti-Embollism Stocking
THIGH LENGTH WITH WAIST BELT ANTI-EMBOLISM STOCKING

Elastic Tape Which Doesn’t Chafe The Leg

Adjustable Waist Belt

Thigh Length With Waist Belt Anti-Embolic Stocking

*Anti-Embolic Stocking With Upper Inspection Hole

*Anti-Embolic Stocking with Open Toe

(*) Varimed® Anti-Embolic Stockings with upper inspection hole and open toe are produced upon request.
Choosing the Size:

For Varimed® Anti-Embolism Stockings, two measurements are sufficient to choose the exact size; the ankle circumference (cB) and height of the leg (LG is for knee-length stockings, LD is for thigh length and thigh length with waist belt stockings). The other leg circumference measurements confirm the selected stocking size. Compare the measurements with those in size table. Do not use the stocking in case of patient’s whole leg measurements do not correspond the size table inspection hole is under the fingers. The upper inspection hole and open toe is produced upon request.
**FEATURES**

Varimed® Lymphoedema Armsleeves are designed according to “RAL-GZ 387/2 Medical Compression Armsleeve” standard. Lymphoedema armsleeves that are produced as two types; lymphoedema armsleeve without hand (CG) and lymphoedema armsleeve with hand (AG) have a measurement system which encloses wide measurement range. Having double-covered yarn enables an excellent elasticity, long time use, easily wearing and removing the armsleeves and perfectly wrapping the arms. Allergic effects on the skin have been decreased in minimum since our all raw materials are having Oeko-Tex certificate. The classification of Varimed® Lymphoedema Armsleeves is defined by pressure produced by armsleeve, measured at the wrist. Varimed® Lymphoedema Armsleeves have graduated profile with maximum compression at the wrist, decreasing towards the shoulder and ensures physiological lymph flow.

**INDICATIONS**

- The treatment of congenital lymphoedema and acquired lymphoedema,
- For the arms which may become prone to swelling after removal of a cancerous breast and associated lymph nodes,
- Postoperative and post-traumatic oedema of the upper limbs,
- Incidental trauma such as burns and lacerations,

**CONTRAINDICATIONS**

- Pronounced or unreduced lymphoedema,
- Infections within the limbs,
- Inflammation,
- Insensate extremities,
- Skin irritation.
Lymphoedema is swelling caused by interference with the normal drainage of lymph back into the blood.

Rarely, lymphoedema is obvious at birth. More often, it appears later in life from either congenital or acquired causes.

Congenital lymphoedema results from having so few lymphatic vessels that they can’t handle all the lymph. The problem almost always affects the legs; rarely, it affects the arms. Women are much more likely than men to have congenital lymphoedema.

Acquired lymphoedema is more common than congenital lymphoedema. It typically appears after major surgical treatment, especially after cancer treatment in which lymph nodes and lymphatic vessels are removed or irritated with x-rays. For example, the arm may become prone to swelling after removal of a cancerous breast and associated lymph nodes. Scarring of repeatedly infected lymphatic vessels also may cause lymphoedema, but this is very uncommon except in infection by the tropical parasite Filaria.

In acquired lymphoedema, the skin looks healthy but it is puffy or swollen. In rare instances, the swollen limb is extremely large and the skin is so thick and ridged that it looks almost like elephant skin (elephantiasis).

Lymphoedema has no cure. For people with mild lymphoedema, medical compression sleeves or stockings can reduce the swelling.

Compression plays an important part in the treatment of lymphoedema in the hand, arm, leg or elsewhere.

Lymphoedema Armsleeves increase the pressure on the tissue layers in the arm to improve lymphatic drainage from the regional lymph nodes. This prevents renewed swelling (reoedematisation) of the extremity and stabilizes the results of previous treatment.
LYMPHOEDEMA ARMSLEEVE

Lymphoedema Armsleeve Without Hand (CG)

Lymphoedema Armsleeve With Hand (AG)
## PRODUCT CODES AND DESCRIPTIONS OF THE PRODUCTS

### Ccl I LIGHT COMPRESSION LYMPHOEDEMA ARMSLEEVES (18 – 21 mmHg)

<table>
<thead>
<tr>
<th>CODE</th>
<th>PRODUCT</th>
</tr>
</thead>
<tbody>
<tr>
<td>511</td>
<td>Light Compression Lymphoedema Armsleeve Without Hand (CG)</td>
</tr>
<tr>
<td>512</td>
<td>Light Compression Lymphoedema Armsleeve With Hand (AG)</td>
</tr>
<tr>
<td>513</td>
<td>Light Compression Lymphoedema Armsleeve Without Hand and Shoulder Cap, Belt (CGH)</td>
</tr>
<tr>
<td>514</td>
<td>Light Compression Lymphoedema Armsleeve With Hand and Shoulder Cap, Belt (AGH)</td>
</tr>
</tbody>
</table>

### Ccl II MEDIUM COMPRESSION LYMPHOEDEMA ARMSLEEVES (23 – 32 mmHg)

<table>
<thead>
<tr>
<th>CODE</th>
<th>PRODUCT</th>
</tr>
</thead>
<tbody>
<tr>
<td>521</td>
<td>Medium Compression Lymphoedema Armsleeve Without Hand (CG)</td>
</tr>
<tr>
<td>522</td>
<td>Medium Compression Lymphoedema Armsleeve With Hand (AG)</td>
</tr>
<tr>
<td>523</td>
<td>Medium Compression Lymphoedema Armsleeve Without Hand and Shoulder Cap, Belt (CGH)</td>
</tr>
<tr>
<td>524</td>
<td>Medium Compression Lymphoedema Armsleeve With Hand and Shoulder Cap, Belt (AGH)</td>
</tr>
</tbody>
</table>

**Not:** Strong compression Lymphoedema Armsleeves are produced upon request.

## SIZE TABLE

<table>
<thead>
<tr>
<th>Circumference</th>
<th>SIZE (cm)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>I</td>
</tr>
<tr>
<td>cA</td>
<td>15-16</td>
</tr>
<tr>
<td>cC</td>
<td>12-13</td>
</tr>
<tr>
<td>cE</td>
<td>17-22</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Length (cm)</th>
<th>Short</th>
<th>Normal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lg</td>
<td>Up to 44 (short&lt;44)</td>
<td>Over 44 cm (normal&gt;44)</td>
</tr>
</tbody>
</table>

### Choosing the Size:

For Varimed Lymphoedema Armsleeves, it is enough to know the sizes of wrist (cC), elbow (cE), upper part of the arm (cG) and length of arm (Lg) to select the right size. Other measurements are given to verify the size of the arm sleeve. You can choose the appropriate arm sleeve from the measurements in the table. Do not use the arm sleeve in case of patient’s whole arm measurements do not correspond the size table.
FEATURES

Elastic ankle braces, elastic calf braces and elastic knee braces are in our product range. Varimed® Elastic Braces which have a large measurement system provide maximum comfort and benefit with regional support to the ankles, calves and knees. Varimed® Elastic Braces can be worn both legs through the appropriate anatomical structure. Allergic effects on the skin have been decreased in minimum since our all raw materials are having Oeko-Tex certificate.

INDICATIONS

Elastic Ankle Brace
- Distortions, bursitis, diarthrosis,
- Reduces the risk of incurring a future injuries,
- Prevents ankle sprains,
- Treatment of acute ankle sprain.

Elastic Calf Brace
- Tendon and muscle tensions,
- For torn muscles, post-traumatic rehabilitation,
- Prevent DVT prophylaxis at the calf.

Elastic Knee Brace
- Provide resistance to a lateral blow when the knee is in full extension,
- Prevention of tendinous and articular accidents at work and practising sports,
- Rheumatic knee diseases,
The principles of sport medicine can be applied to the treatment of many musculoskeletal injuries which resemble sports injuries but have different causes. For example, tennis elbow can be caused by carrying a suitcase, turning a screw or opening a stuck door and runner’s knee can be caused by excessive inward rolling of the foot (pronation) while walking.

Sports injuries are caused by faulty training methods, structural abnormalities that stress certain parts of the body more than others and weakness of muscles, tendons and ligaments. Many of these injuries are caused by chronic wear and tear which results from repetitive motion stressing susceptible tissue.

The most common cause of muscle and joint injuries is faulty training methods: the exerciser doesn’t allow for adequate recovery after a workout or doesn’t stop exercising when pain develops. Structural abnormalities can make a person susceptible to a sports injury by stressing parts of the body unevenly. For example, when the legs are unequal in length, greater force is placed on the hip and knee of the longer leg. In general, the pain disappears when the activity is stopped but recurs each time the same exercise intensity is reached.

Muscles, tendons and ligaments tear when subjected to forces greater than their inherent strength. For example, they may be injured if they are too weak or tight for the exercise being attempted.

Some authors have determined favorable effects of compression stockings, tights or sleeves on venous hemodynamics, arterial perfusion, deeper tissue oxygenation and muscle oscillation with corresponding effects on lactate kinetics and muscular soreness. Prophylactic ankle braces generally reduce the risk of injury during sports and they are used in treatment of acute ankle sprain.

Many biomechanical studies have shown that prophylactic knee braces can provide 20 to 30% greater resistance to a lateral blow, with the possibility that the anterior cruciate ligament is given even greater protection than the medial collateral ligament and wearing the elastic support helps limit swelling.

In another scientific study, the elastic calf braces may provide positive changes in performance of repeated sprints and maximal isokinetic exercise. Also, they may reduce perceptions of pain. Elastic braces with dynamic gradient compression accelerate blood flow so it delivers more oxygen filled blood to active muscles to increase power and stamina. Moreover, elastic braces decreases the stability and control of body, build up less lactic acid, manages the body temperature and moisture.
PRODUCT CODES AND DESCRIPTIONS OF THE PRODUCTS

<table>
<thead>
<tr>
<th>CODE</th>
<th>PRODUCT</th>
</tr>
</thead>
<tbody>
<tr>
<td>411</td>
<td>Elastic Ankle Brace</td>
</tr>
<tr>
<td>412</td>
<td>Elastic Calf Brace</td>
</tr>
<tr>
<td>413</td>
<td>Elastic Knee Brace</td>
</tr>
</tbody>
</table>

SIZE TABLE

**Elastic Knee Brace:**
For Varimed® Elastic Braces, the measurements are for elastic ankle brace is circumference of ankle (cB), for elastic calf brace is circumference of calf (cC) and for elastic knee brace is circumference of knee (cE). You can choose the appropriate elastic brace from the measurements in the table.

**ELASTIC ANKLE BRACE**

<table>
<thead>
<tr>
<th>SIZE (cm)</th>
<th>XS</th>
<th>S</th>
<th>M</th>
<th>L</th>
<th>XL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ankle Circumference (cB)</td>
<td>18-20</td>
<td>20-23</td>
<td>23-26</td>
<td>26-29</td>
<td>29-32</td>
</tr>
</tbody>
</table>

**ELASTIC CALF BRACE**

<table>
<thead>
<tr>
<th>SIZE (cm)</th>
<th>XS</th>
<th>S</th>
<th>M</th>
<th>L</th>
<th>XL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calf Circumference (cC)</td>
<td>29-32</td>
<td>32-35</td>
<td>35-38</td>
<td>38-41</td>
<td>41-45</td>
</tr>
</tbody>
</table>

**ELASTIC KNEE BRACE**

<table>
<thead>
<tr>
<th>SIZE (cm)</th>
<th>XS</th>
<th>S</th>
<th>M</th>
<th>L</th>
<th>XL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knee Circumference (cE)</td>
<td>30-34</td>
<td>34-38</td>
<td>38-42</td>
<td>42-47</td>
<td>47-53</td>
</tr>
</tbody>
</table>
FEATURES

Varimed® Travel Stockings are designed for the health and comfort of your legs in long-term travels. Having double-covered yarn enables an excellent elasticity, long time use, easily wearing and removing the stocking and perfectly wrapping the legs. Allergic effects on the skin have been decreased in minimum since our all used raw materials are having Oeko-Tex 100 certificate. Varimed® Travel Stockings have graduated profile with maximum compression at the ankle, decreasing towards the knee.

INDICATIONS

In Long-Term Travels

- Protects against the risk of deep vein thrombosis.
- Accelerates blood flow in the legs by providing graduated compression.
- Prevents swelling of the legs, leg aches.
- Provides a healthy and comfortable journey.
Sitting in a cramped space and being motionless for more than 4 hours on aircraft, long car rides, bus or train travels, are unhealthy and may be dangerous.

Deep vein thrombosis results from the blood which becomes congested and small clots. This is often referred to “Economy Class Syndrome”.

According to clinical studies; Travel stockings are able to reduce the incidence of asymptomatic deep vein thrombosis and of swelling of the leg. Varimed® Travel Stockings exert an external defined pressure which is greater at ankle and reduces at the calf. They continuously make the veins narrow slightly, reduces the diameter of the vein and the blood flow more rapidly, making clotting less likely.

In this way, Varimed® Travel Stockings help prevent swelling, keep leg healthy and energized and reduce the risk of deep vein thrombosis.
Choosing the Size:
For Varimed® Travel Stockings, it is sufficient to know the ankle circumference (cB) measurement to choose the exact size. According to the measurements given in the table, select the appropriate stocking.

<table>
<thead>
<tr>
<th>Circumference</th>
<th>XS</th>
<th>S</th>
<th>M</th>
<th>L</th>
<th>XL</th>
</tr>
</thead>
<tbody>
<tr>
<td>cB</td>
<td>18-20</td>
<td>20-23</td>
<td>23-26</td>
<td>26-29</td>
<td>29-32</td>
</tr>
</tbody>
</table>
In the following the results of two scientific studies that show the effects of compression treatment on chronic vascular diseases:

“This consensus study as per editor Hugo Partsch is the result of an international expert meeting organized by the International Union of Phlebology (IUP) in August 2003 (Table 1). Recommended levels of compression in treatment of A, B and C are rated at three levels. The higher statistic significant level, large randomize control trials and metaanalyses with homogenous results were assigned to a recommendation level A, the higher statistic significant level, smaller or the higher statistic significant level, single randomize control trials to a level B and observational studies or the opinion of the experts were taken as level C.

The following table summarizes the clinical indications for compression class (A, I, II, III) according to the European CEN regulation of recommendation for stockings. Chronic venous disorders are differentiated following the CEAP classification: C0 no visible varices, C1 teleangectasias, C2 large varicose veins, C3 oedema, C4 skin changes, C5 ulcer scar, C6 venous ulcer.

Marcondes Figueiredo2, summarized the scientific evidence in the meeting of International Compression Club in Paris in November 2007 (Table 2).

---


Varimed® Lightly Powdered Latex Exam Gloves

**Code:** V100

**Product Specifications**
- Conforms to TS EN455 (part 1, part 2, and part 3) Standards.
- Manufactured From Natural Rubber Latex
- Non-Sterile
- Ambidextrous
- Single Use Only
- Powdered
- White

**Benefits**
- High Flexibility
- Lightly Powdered For Easy Donning
- Low Protein to Minimise The Risk of Allergic Reactions
- Softness to Provide Superior Comfort and Natural Fit.

**Applications**
Medical, Veterinary, Pharmaceutical, Dental, Laboratory and Like Areas to Protect Hands From Unwanted and Dangerous Substances.

**Packaging and Sizes**
Packed 10 Dispensers x100 Gloves Per Carton Available In Five Sizes, XS to XL.

---

Varimed® Powder Free Latex Exam Gloves

**Code:** V110

**Product Specifications**
- Conforms to TS EN455 (part 1, part 2, and part 3) Standards.
- Manufactured From Natural Rubber Latex
- Non-Sterile
- Ambidextrous
- Single Use Only
- Powder Free
- White

**Benefits**
- Powder Free to Eliminate Powder-Induced Irritation and Dermatitis to The Users.
- Low Protein to Minimise The Risk of Allergic Reactions.
- Softness to Provide Superior Comfort and Natural Fit.

**Applications**
Medical, Veterinary, Pharmaceutical, Dental, Laboratory and All Areas to Protect Hands From Unwanted and Dangerous Substances.

**Packaging and Sizes**
Packed 10 Dispensers x100 Gloves Per Carton Available In Five Sizes, XS to XL.
Varimed® Lightly Powdered Blue Latex Exam Gloves
Code: V120

Product Specifications
- Conforms to TS EN455 (part 1, part 2, and part 3) Standards.
- Manufactured From Natural Rubber Latex
- Non-Sterile
- Ambidextrous
- Single Use Only
- Powdered
- Blue

Benefits
- High Flexibility
- Lightly Powdered For Easy Donning
- Low Protein to Minimise The Risk of Allergic Reactions
- Softness to Provide Superior Comfort and Natural Fit.

Applications
- Food Processing, Agriculture, Chemical, Dental, Laboratory.

Beden ve Paketleme
- Packed 10 Dispensers x100 Gloves Per Carton.
- Available In Five Sizes, XS to XL.

Varimed® Polyethylene Disposable Gloves
Code: V150

Product Specifications
- Non-Sterile.
- Transparent.
- Single Use Only.
- No Latex Protein.
- Used For Low Risk Applications.
- Food Handling, Cleaning, Hairdressing.
- Available One Size.
- Packed 100 Dispensers x100 Gloves Per Carton.

Handsfree® Disposable Latex Gloves
Code: V200

Product Specifications
- Manufactured From Natural Rubber Latex
- Non-Sterile
- Single Use Only
- Lightly Powdered For Easy Donning
- Used In Cleaning, Housework, Gardening etc. and All Areas to Protect Hands From Unwanted and Dangerous Substances.
- Available In Three Sizes, S to L
- Packed 60 Dispensers x10 Gloves Per Carton.

MEDICAL GLOVES AND SUPPLIES
DECLARATION OF CONFORMITY

MANUFACTURER

Name: Varimed Medikal Sanayi ve Ticaret Limited Sirketi
Address: Terazidere Mah. Ciftehavuzlar Cad. No: 28-30 Bayrampasa 34035 Istanbul / TURKEY
Phone: +90 212 493 02 34-35 Fax: +90 212 544 12 14
web: http://www.varimed.com.tr e-mail: info@varimed.com.tr

We, the undersigned, hereby declare that the described products meet the essential requirements listed in Medical Device Directive 93/42/EEC as amended by 2007/47/EC.

This declaration is based on:
Essential Requirements Listed in Directive 93/42/EEC
Approval of a QMS System:
ISO 13485:2003
This declaration is supported by:
Varimed Medikal San. ve Tic. Ltd. Şti.-Technical File

Products:
Medical Compression Stockings,
Anti-Embolism Stockings,
Lymphoedema Armsleeves,
Elastic Ankle Braces,
Elastic Calf Braces,
Elastic Knee Braces,
Travel Stockings,
Classification: Class I, Rule I

SIGNED ON BEHALF OF THE MANUFACTURER:
Name: Dr. M. VOLKAN ÖZTÜRKALAY
Position: GENERAL MANAGER
Place: ISTANBUL / TÜRKİYE
Date: 25.08.2010
Signature:
This is to certify that

Varimed Medikal Sanayi
Ve Ticaret Ltd. Sti.
Terazidere Mah.
Çiftehavuzlar Cad. No:28
Bayrampasa
34035 Istanbul
Turkey

Hold Certificate No: MD 563572

and operate a Quality Management System which complies with the requirements of ISO 13485:2003 for the following scope:

The design, manufacture and sales of medical compression stockings, anti-embolism stockings, lymphoedema armsleeves, elastic ankle braces, elastic calf braces, elastic knee braces, travel stockings and knitting orthoses and the import and selling of medical gloves.

For and on behalf of BSI:

[Signature]

David W. Ford, Executive Director, Healthcare and Testing Services
First Issued: 20 Aug 2010   Date: 20 Aug 2010
Expiration Date: 19 Aug 2013
The yarns that we use in manufacturing at Varimed® are double-covered yarns which enable the excellent elasticity of our products. These yarns are custom-made for compression stockings, anti-embolism stockings, lymphoedema armsleeves and elastic braces to keep their elasticity and flexibility for a long time.

Varimed® Compression Stockings, Anti-Embolism Stockings, Lymphoedema Armsleeves and Elastic Braces are manufactured on special knitting machines for medical garments. We produce all our products in all 4 compression classes on those special circular knitting machines.

After knitting, all products are finished with high-tech sewing machines. Proper sewing operations ensure the quality, comfort and durability of our products.

All manufactured products have passed our state-of-the-art quality control system which operates in compliance with medical standards.