



# BUSI® TWIN LAYER

The concept of double layer sock



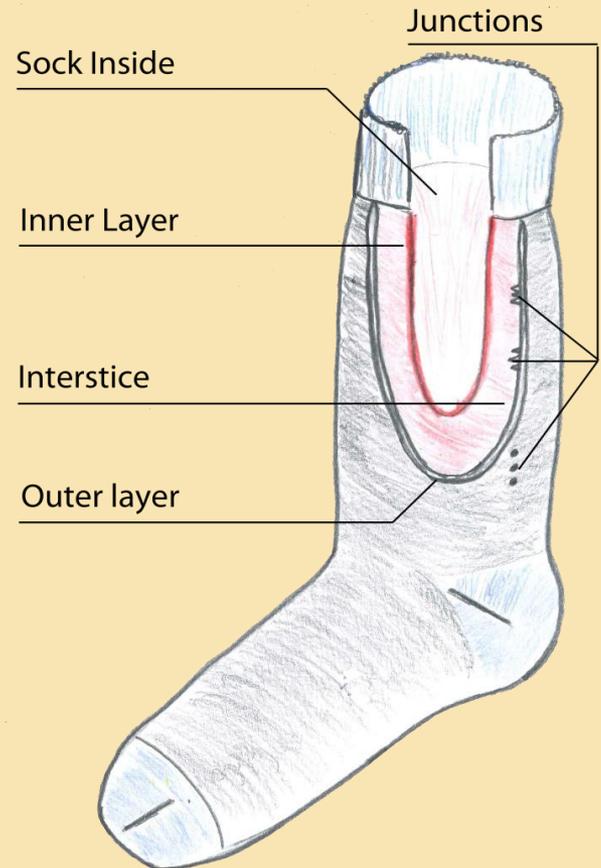
# BUSI<sup>®</sup> TWIN LAYER

The concept of double layer sock

BUSI<sup>®</sup> has developed a new **circular knitting** machine for producing socks with a **double layer structure**.

The layers are joined at the welt, heel, and toe where the two fabrics are **seamlessly integrated**.

Any stitch can become a **connection point** along the leg and foot, with customizable placement and design, thus offering full creative **flexibility** to the pattern maker.





# BUSI® TWIN LAYER

The concept of double layer sock

These features allow you to produce socks with different yarns on the inner and outer layers.

For example, the inner layer can be knitted with moisture-wicking fibres like COOLMAX™, while the outer one can be knitted with insulating yarns such as Merino Wool, thus keeping the foot dry and warm.

This image shows a cross-section of the sock.





# BUSI® TWIN LAYER

The concept of double layer sock

By integrating selected terry knitting, the machine can create a “quilted effect” which enhances thermal insulation.

In this configuration, continuous connection points between the inner and outer layers prevent any shifting or slippage between them.





**BUSI** 1958<sup>®</sup>

# BUSI<sup>®</sup> TWIN LAYER

The concept of double layer sock

The inner layer also conceals all yarn ends from cut threads, which are neatly enclosed between the two fabric layers.





**BUSI** 1958<sup>®</sup>

# BUSI<sup>®</sup> TWIN LAYER

The concept of double layer sock

The second layer and selected terry can be knitted in every part of the sock, except for the heel and the toe.





**BUSI** 1958<sup>®</sup>

# BUSI<sup>®</sup> TWIN LAYER

The concept of double layer sock

The second layer, which has been left unjoined, will form an inner pouch within the sock.

In this illustrative image, the pouch is designed to hold a sole insert.



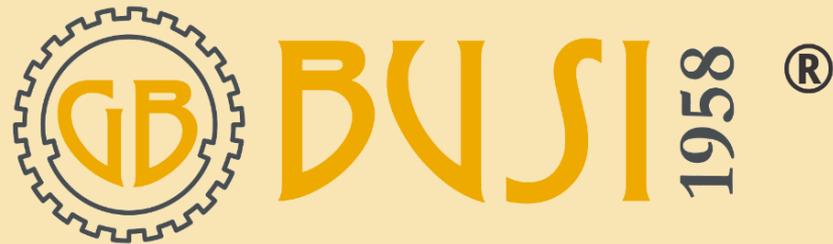


# BUSI® TWIN LAYER

The concept of double layer sock

A pouch conveniently placed in the front part of the leg will perfectly host the shin pad and won't let it slide.





Thanks for your attention.

Please, feel free to reach out to us  
if you need any further information

at [busi@busigiovanni.com](mailto:busi@busigiovanni.com)