

## Ottobock flax fibres. Sustainable and safe.

With the addition of Ottobock flax fibres, we are expanding our GreenLine product line to include a sustainable alternative to traditional reinforcement materials in the orthopaedic industry. Coming from renewable raw materials, our fibres are used to manufacture stable laminates and can be processed using both plaster and foam models.

Ottobock flax fibres for TT and TF sockets are a sustainable alternative to carbon fibres. They are easy to model and do not require any additional tools or methods. The fibres are available in a combination of unidirectional and bidirectional fabrics, tapes and tubes for different requirements for the stability and strength of the socket. Ottobock flax fibres are processed in a similar way to carbon and can be combined with nearly all Ottobock resins. We recommend using OrthoEpoxy GreenLine resin 617HG5 to produce a particularly sustainable laminate. Our tested layout plan 646T786 explains in detail how our flax fibres are processed in combination with a lamination disc or a lamination anchor to create a secure socket. No further training in material processing is required.

### Benefits/advantages

- Product made from renewable raw materials
- Wide range of combinations
- Can be coloured with Ottobock pigment pastes
- Includes tested layout plan 646T786



## Product summary

- Product for fabricating TT and TF sockets with lamination disc or 3-/4-arm lamination anchor
- Can be used for plaster and foam models
- Can be combined with virtually all Ottobock resins and other reinforcement materials
- Different product variants (unidirectional and bidirectional) to meet the requirements for stability and strength
- Tested layout plan 646T786 for fabricating a secure TT or TF socket with lamination disc or lamination anchor

## Technical data

Product component	Article number	Fibre orientation	Width	Length
Flax fibre fabric	616GG1=1000X1200	Bidirectional	1,200 mm	1 m
Flax fibre fabric	616GG1=5000X1200	Bidirectional	1,200 mm	5 m
Flax fibre fabric	616GG1=10000X1200	Bidirectional	1,200 mm	10 m
Flax fibre UD tape	616GG2=1000X50	Unidirectional	50 mm	1 m
Flax fibre UD tape	616GG2=5000X50	Unidirectional	50 mm	5 m
Flax fibre UD tape	616GG2=10000X50	Unidirectional	50 mm	10 m
Flax fibre UD tube	616GG3=1000X100	Unidirectional	100 mm	1 m
Flax fibre UD tube	616GG3=5000X100	Unidirectional	100 mm	5 m
Flax fibre UD tube	616GG3=10000X100	Unidirectional	100 mm	10 m
Flax fibre UD tube	616GG3=1000X150	Unidirectional	150 mm	1 m
Flax fibre UD tube	616GG3=5000X150	Unidirectional	150 mm	5 m
Flax fibre UD tube	616GG3=10000X150	Unidirectional	150 mm	10 m